

MSJC

Mt. San Jacinto College

Transforming Learners · Transforming Communities · Transforming Lives



Catalog
2021 - 2022



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<http://www.msjc.edu>

Effective Fall 2021-Summer 2022

San Jacinto Campus

1499 N. State Street, San Jacinto, CA 92583
(951) 487-MSJC (6752)

San Geronio Pass Campus

3144 W. Westward Avenue, Banning, CA 92220
(951) 922-1327

Menifee Valley Campus

28237 La Piedra Road, Menifee, CA 92584
(951) 672-MSJC (6752)

Temecula Valley Campus

41888 Motor Car Parkway, Temecula, CA 92592
(951) 672-MSJC (6752)

Mt. San Jacinto College complies with all federal and state rules and regulations and does not discriminate on the basis of ethnic group identification, national origin, religion, age, sex, gender, gender identification, gender expression, race, color, medical condition, genetic information, ancestry, sexual orientation, marital status, physical or mental disability, or because they are perceived to have one or more of the foregoing characteristics, or based on association with a person or group with one or more of these actual or perceived characteristics. Inquiries regarding compliance activity may be directed to the District's Title IX Officer at (951) 639- 5301 or the Section 504 Coordinator at (951) 639-5302.

Disclaimer

Mt. San Jacinto College has made every reasonable effort to determine that everything stated in the catalog is accurate. Catalog information, together with other matters contained herein, are subject to change without notice by the administration of Mt. San Jacinto College for reasons related to student enrollment, level of financial support, or for any other reason at the discretion of the college. The college further reserves the right to add, amend, or repeal any of the rules, regulations, policies and procedures, consistent with applicable laws.

GENERAL INFORMATION

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A Message from the President

Welcome to Mt. San Jacinto College, one of the fastest-growing community colleges in California! In keeping with our mission and vision, MSJC provides an increasing number of educational opportunities for the diverse communities we serve. MSJC offers classes at four locations across our 1,700-square-mile district: the San Jacinto Campus, Menifee Valley Campus, San Geronio Pass Campus, and the new Temecula Valley Campus. MSJC also provides a robust offering of online classes to give students more access and greater flexibility. This catalog contains all of the information you need, including campus telephone numbers, student resources, course descriptions and district, state and federal policies.

MSJC courses and programs are designed to meet the needs of students. MSJC offers the required undergraduate classes to prepare you for transfer to a four-year institution. The college also provides pathways for students to begin new careers, develop or upgrade occupational skills, improve basic skills and to seek opportunities for personal enrichment and lifelong learning. Courses and programs are continuously reviewed to meet the criteria set forth by the Education Code, the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges and the California Community College Board of Governors.

To ensure that students have the opportunity to take advantage of quality educational experiences, MSJC has created an environment that promotes student success, equity, diversity, inclusion, and access. That environment is evidenced by our Equity Pledge and Call-To-Action and anchored by the excellent faculty, staff and MSJC support services. It is our commitment to help each student achieve their goals.

The future looks very bright for the college with its growing region, its expanding student base, and the addition of incredibly talented faculty and staff. MSJC has enjoyed unprecedented growth in students and staff. Thanks to the 2014 passage of the \$295 million Measure AA facilities bond, MSJC is now enjoying a period of dramatic facilities expansion in order to meet the needs of our dynamic region. We are excited this year to open the new Temecula Valley Campus, which will be the area's first permanent campus of higher education.

MSJC is an award-winning community college (<https://msjc.edu/collegeinformation/documents/FactSheetRed.pdf>), recognized for its innovative programs, business and community partnerships, and its student-first commitment. Our Career Education programs rank among the highest in the state for placing students in careers that align with degrees and certificates. For 10 years, we have been recognized as a "readers' choice" for favorite college in Riverside and San Bernardino counties. Ultimately though, our efforts are most evident in our graduates who go on to achieve and transform the world around them.

On behalf of the Board of Trustees, the faculty, and staff, I encourage you to visit us, talk with us and choose MSJC as your educational partner.

Sincerely,

Roger W. Schultz, Ph.D.
Superintendent/President

Board of Trustees

Brian Sylva (Area 1)
Joshua Rivera (Area 2)
Vicki Carpenter (Area 3), President
Ann Motte (Area 4)
Tom Ashley (Area 5), Clerk

Degree Granting Programs and Certificates

Under the laws of the State of California, the locally elected Board of Trustees, on the recommendation of the superintendent/president and faculty of the college, is authorized to confer the Associate in Arts, Associate in Science and Associate in Science –Nursing degrees and vocational certificates in several specific occupational fields.

Guarantee of Nondiscrimination

The Mt. San Jacinto Community College District does not discriminate in its admissions, education programs, activities or employment policies on the basis of race, age, sex, sexual orientation, religion, color, national origin, Vietnam era veteran's status or disability. The District is subject to Title IX of the Educational Amendments of 1972, Title VII of the Civil Rights Act of 1964 and 1972 and the Rehabilitation Act of 1973, Sections 503 and 504. Inquiries concerning the application of said regulations as they apply to employment should be referred to the Equal Employment Opportunity Officer, Chief Human Resources Officer in the Human Resources Office, located in the Administration Building on the San Jacinto Campus. Inquiries regarding admissions, education programs, or student activities should be directed to the Title IX Officer at (951) 639-5301.

In compliance with Section 504 of the Rehabilitation Act, the District has developed a Disabled Students Program. The District encourages "mainstreaming" of disabled students into regular classes and the college offers support services to make education accessible. Inquiries concerning this program should be directed to the Director of the Accommodation Service Center.

Mt. San Jacinto College is authorized, under federal law, to enroll nonimmigrant and alien students.

If you have questions, please contact the appropriate site.

Gironde De No Discriminación

El Distrito del Colegio de la Comunidad Mt. San Jacinto no discrimina en sus inscripciones, programas educativos, actividades o reglamento de empleo, basándose en raza, edad, sexo, religión, color, nacionalidad, status como veterano de guerra en Vietnam, o discapacidad. El distrito está sujeto al Título IX de la Enmienda Educativa de 1972, Título VII del Dictamen de los Derechos Civiles de 1964 y 1972, y el Dictamen de Rahabilitación de 1973, secciones 503 y 504. Información concerniente a la aplicación de dichos reglamentos, en relacion al empleo, deberá ser dirigida al Oficial de Equidad de Oportunidades de Empleo, el Decano Ejecutivo de Recursos Humanos en el Departamento de Recursos Humanos, ubicado en el edificio administrativo del Plantel San Jacinto.

Información a sobre admisiones, programas educativos o actividades escolares deben estar dirigidas al oficial del Título IX a (951) 639-5301.

De acuerdo con la Sección 504 del Dictamen de Rehabilitación, el distrito ha desarrollado un Programa para Estudiantes discapacitados. El distrito exorta a la integración de estudiantes discapacitados a clases regulares, y el colegio ofrece servicios de apoyo para hacer la educación accesible. Información concerniente a este programa puede ser requerida al Director(a) de Centro de servicio de alojamiento.

El Colegio Mt. San Jacinto está autorizado, bajo la ley federal, a admitir tanto estudiantes no inmigrantes, así como extranjeros.

Si necesita ayuda en Español, por favor hable al numero (951) 487-3217.

About MSJC

Overview

Vision

Transforming Learners. Transforming Communities. Transforming Lives.

Mission Statement

Mt. San Jacinto College offers quality accessible, equitable and innovative educational programs and services to students aspiring to achieve their academic, career and personal development goals. We provide students a safe environment in which to pursue basic skills, career and general education pathways. Our programs lead to transfer, associate degrees and certificates, which meet workforce development needs in our diverse communities. Our commitment to learning and achievement empowers students to enrich our communities and to participate meaningfully in today's complex world.

Values

We are students, employees and a community. We believe that the act of teaching and learning is vital to a thriving community that enriches and, at times, saves lives. We commit to opportunities that inspire the following values in ourselves:

Excellence – We challenge students by setting high standards for learning and critical thinking, which we model with action.

Collaboration – We believe the best results are achieved through communication and participation among students, employees, industry and the community we serve.

Relationship – We nurture a community built on positive interactions and a genuine concern for the welfare of others.

Innovation – We cultivate a creative environment that promotes that promotes the development of new ideas for continuous quality improvement.

Relevance – We create educational experiences that have meaningful applications in a local and global context, today and tomorrow.

Access – We ensure the equitable rights of all students by removing barriers to a quality education and promoting a network of support that improves learning opportunities.

Leadership – We empower people throughout the community to support and facilitate positive change.

Diversity – We respect and embrace the power of sharing our differences in thought, opinion, culture and background to optimize our collective strength.

Integrity – We believe in being true to our core values by consistently demonstrating our character, as well as an institutional commitment to do the right thing.

Priorities

- Student Success
- Fiscally Sound Position
- Systematic Planning and Assessment
- Institutional Pride and Organizational Culture
- Community Partnerships and Service

Outcomes

Mt. San Jacinto College is dedicated to the following Institutional Learning Outcomes (ILOs):

Aesthetic Awareness: The student will identify and evaluate how aesthetic expression leads to an appreciation of social and cultural context as well as the values of art and nature.

Civic, Personal, and Professional Responsibility: The student will apply decision making skills which demonstrate ethical and professional responsibility and become an independent learner who expresses and displays the lifelong skills necessary for physical, social, economic, mental and emotional health.

Communication: The student will effectively express and exchange ideas through listening, speaking, reading, writing, visual works, and other modes of interpersonal expression.

Critical Thinking: The student will analyze problems, gather and synthesize relevant information, evaluate ideas, information, and evaluate alternative points of view to create, innovate and implement effective solutions.

Cultural Awareness and Humility: The student will demonstrate knowledge of and sensitivity toward individuals of diverse ethnicity, age, gender, sexual orientation, and religious affiliations, as well as toward those individuals with diverse abilities and socioeconomic classes to respectfully interact with individuals of diverse perspectives, beliefs and values while being mindful of the limitation of their own cultural frameworks.

Information and Technology Literacy: The student will access, interpret, evaluate, and apply relevant information sources and digital media effectively, and in an ethical and legal manner.

Scientific Awareness: The student will apply the scientific method of inquiry to assess potential solutions for real-life challenges by employing science-based knowledge and methodologies in daily life.

Social Awareness: The student will recognize and analyze the interconnectedness of global, national, and local concerns, analyzing cultural, political, social, and environmental issues from multiple perspectives and appreciate similarities and differences among cultures.

Quality Commitment

As part of a single college, multi-campus district, Mt. San Jacinto College faculty and staff from our campuses and sites work together to provide the highest quality curriculum and student services possible. The Board of Trustees, the Superintendent/President, and all of the faculty and staff of Mt. San Jacinto College have made the commitment to provide the highest quality transfer and occupational education programs and services in a supportive teaching and learning environment. As the college continues to grow in the years ahead, the tradition of building for the future, which began in 1963, will continue to guide Mt. San Jacinto College in its quest for excellence, both now and throughout the 21st century.

Location

The Mt. San Jacinto Community College District serves about 27,000 students in an area covering 1,700 square miles in central and southwestern Riverside County, one of California's fastest-growing and most dynamic regions.

Named for the majestic 10,000-foot peak that dominates the area's skyline, the District stretches 45 miles from east to west and includes the communities of Banning, Beaumont, Idyllwild, San Jacinto, Hemet, Perris, Sun City, Lake Elsinore, Wildomar, Canyon Lake, Murrieta, Menifee, Temecula, Aguanga and Anza. Economic activity includes a varied agricultural industry, light manufacturing, tourism and a thriving service sector to meet the needs of the region's growing population. District geography is diverse, ranging from desert and valley grasslands to pine-forested mountains.

The San Jacinto Campus is on State Highway 79 in the northern end of the San Jacinto Valley. It serves residents of the eastern portion of the college district. The Menifee Valley Campus is approximately 25 miles to the southwest. It serves the growing communities along the Interstate 15 and 215 corridors. The new Temecula Valley Campus off Interstate 15 serves students in the southern end of the district. The San Geronio Pass Campus is in Banning and allows students in the northern region of the district to take a variety of classes and receive a host of services, including enrollment, placement and counseling.

History

The Mt. San Jacinto Community College District was formed in 1962 by a vote of the citizens in Banning, Beaumont, Hemet and San Jacinto.

The college enrolled its first students in the fall of 1963, holding classes in rented facilities. The San Jacinto Campus opened in 1965 with two buildings. That same year, the college held its first commencement for eight graduates. It has since grown into a comprehensive college campus.

In 1975, the residents of Temecula, Lake Elsinore, Perris and adjacent areas voted to join the Mt. San Jacinto Community College District, increasing the college's area to the present 1,700 square miles. Although the boundaries have remained stable since 1975, the District has changed dramatically, especially since the 1980s. Unprecedented population growth in the region helped MSJC become one of California's fastest growing community colleges.

In response to this intense growth, MSJC opened its Menifee Valley Campus in October 1990. By the end of its first year, there were 2,100 students attending classes at the Menifee Valley Campus. Today, the campus serves 12,000-plus students each semester.

With the rapid growth in enrollments being experienced at both campuses, the District engaged in extensive planning and development for state-of-the-art learning environments for MSJC students.

In the fall of 1993, the Alice P. Cutting Business & Technology Center on the San Jacinto Campus opened to students with new laboratories for Business, Computer Information Systems, Engineering Technologies, Electronics and Photography.

In the fall of 1995, a state-of-the-art music building opened on the San Jacinto Campus. The District opened the Allied Health and Fine Arts buildings on the Menifee Valley Campus in 1995-96.

In 2006, MSJC opened its new Learning Resource Center on the Menifee Valley Campus. The state-of-the-art-building provides a library, tutoring services and more for students.

MSJC again experienced rapid expansion in 2008. The Business & Technology Center opened on the Menifee Valley Campus, providing cutting-edge instruction in Geographic Information Systems, Multimedia, Photography and more.

The college also opened the Temecula Education Complex, giving residents of the Temecula and Murrieta areas one location to register, receive counseling and placement testing and also take classes. The District ended its lease for the Temecula Education Complex in 2019 after purchasing a permanent site in Temecula.

The college opened its San Geronio Pass Service Center in 2008 to provide counseling, registration and other services to the Banning and Beaumont areas. The college also expanded course offerings in the San Geronio Pass.

By November 2010, counseling and enrollment services offered at the former San Geronio Pass Service Center moved to the new San Geronio Pass Campus located south of Interstate 10. In January 2011, students began attending classes at the new site. The campus is on two of 50 acres MSJC owns.

MSJC opened the Humanities & Social Sciences building on the Menifee Valley Campus in 2012. The two-story building provides state-of-the-art equipment for student learning.

In 2014, the college opened its second site in Temecula: the Temecula Higher Education Center. Also in November 2014, voters of the District approved Measure AA, a \$295 million facilities bond. It is the second bond in the District's history. In 1978, when the District only operated its first campus in San Jacinto, voters passed a \$3 million facilities bond.

A new facility purchased by the District in 2018 is slated to open as the Temecula Valley Campus in 2021, allowing MSJC to close the Temecula Higher Education Center and combine services for this area into one facility.

The District remained among the fastest growing of California's community colleges with enrollment growing by more than 11 percent in 2015-16 and 2016-17.

The college's master plan calls for ultimately providing for 15,000 to 20,000 students on the Menifee Valley Campus and up to 15,000 on the San Jacinto Campus. Classrooms are being added or renovated on both campuses to meet the educational demands of the area. The master plan also includes serving about 3,600 students in the Pass area and nearly 4,000 students in the I-15 corridor over the next several years.

Academic Calendar

2021-2022 Academic Calendar Summer Session 2021 (SU21)

Dates	Event
June 7 - July 29	Eight Week Session
June 21 - July 29	Six Week Session
July 5	Independence Day Holiday: College Closed

Fall Semester 2021 (FA21)

Dates	Event
August 5	Optional Faculty Instructional Improvement Day
August 13	Convocation (Required Faculty Day)
August 16 - December 10	Instructional Days
September 6	Labor Day Holiday: College Closed
November 2	Voting Day: College Open and Classes in Session
November 11	Veterans' Day Holiday: College Closed
November 25 and 26	Thanksgiving Holiday: College Closed
December 11 - December 17	Final Exam Week
December 20 - January 14	Winter Recess: Classes Not in Session
December 24 - December 31	Winter Holiday: College Closed

Spring Semester 2022 (SP22)

Dates	Event
December 31, 2021	New Year's Day Holiday (Observance): College Closed
January 12 and 13	Optional Faculty Instructional Improvement Days
January 17	Martin Luther King Jr. Day Holiday: College Closed
January 18 - May 25	Instructional Days
February 18 - February 21	Presidents' Weekend Holiday: College Closed
March 28 - April 3	Spring Break: Classes Not in Session
March 30	Classified Staff Development Day
April 1	Spring Holiday: College Closed
May 19 - May 25	Final Exam Week
May 26	Commencement (Required Faculty Day)
May 30	Memorial Day Holiday: College Closed

Summer Session 2022 (SU22)

Dates	Event
June 6 - July 28	Eight Week Session
June 20 - July 28	Six Week Session
July 4	Independence Day Holiday: College Closed

MSJC 2021-2022 Academic Calendar (<https://msjc.edu/catalog/documents/2021-2022/AcademicCalendar2021-2022.pdf>)

Accreditation and Affiliations

Mt. San Jacinto College is accredited by:

The Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges, a regional accrediting body recognized by the Council for Higher Education Association and the U. S. Department of Education, Board of Registered Nursing and the Board of Vocational Nursing and Psychiatric Technician Examiners.

ACCJC
10 Commercial Blvd., Suite #204
Novato, CA 94949
(415) 506-0234
fax: (415) 506-0238
E-mail: accjc@accjc.org Website: ACCJC (<https://accjc.org/>)

The college has been approved to offer veterans educational benefits under the Department of Veterans Affairs Veterans Educational Improvement Assistance Act and various United States public laws and California veteran enactments.

The Bureau of Citizenship and Immigration Services has approved Mt. San Jacinto College for international students under educational visas. Mt. San Jacinto College is authorized under federal law to enroll non-immigrant and alien students.

Catalog Authority Advisement

The materials and information found in this catalog are intended to provide the most recent information about programs, services, policies and regulations. Individuals with questions related to current programs, courses, policies and procedures should contact the Office of Student Services or the Office of Instruction.

The Importance of Education

The nation's vitality depends upon a well-educated citizenry. The goal of the college staff is to provide students with the knowledge, skills, and attitudes essential to living in and contributing to an ever-changing democratic society. The college's programs and services are designed to assist students in developing personal autonomy, social competence, social conscience, and creative capacity.

Recognizing that education is a personal achievement gained through opportunity and an individual's aim to succeed, Mt. San Jacinto College is committed to providing the resources such achievement requires including:

1. General education: To provide opportunities for students to develop skills in learning, critical thinking, leadership, organization, and techniques for making intelligent choices.
2. Transfer education: To provide clear pathways and accelerate program completion for those students who plan to transfer to a four-year college or university.
3. Career education: To offer courses and programs in varied vocational/technical fields for students to gain entry-level occupational skills, enhance career changes, or upgrade skills for career advancement.
4. Academic support: To offer essential skills education for students who need to improve English and mathematics proficiency for successful completion of education goals.

5. Counseling and guidance: To encourage student growth and development through specialized counseling in the areas of academic planning, career planning and personal development.
6. Special programs and services: To extend targeted programs and services to underrepresented and emerging student populations and/or students who may need accommodations.
7. Community education: To provide an enriched environment throughout the community by offering vocational, recreational and cultural programs.

They acknowledge significant academic or scholarly assistance from them. They protect their academic freedom.

3. As colleagues, faculty members have obligations that derive from common membership in the community of scholars. Faculty members do not discriminate against or harass colleagues. They respect and defend the free inquiry of associates. In the exchange of criticism and ideas faculty members show due respect for the opinions of others. Faculty members acknowledge academic debt and strive to be objective in their professional judgment of colleagues. Faculty members accept their share of faculty responsibilities for the governance of their institution.
4. As members of an academic institution, faculty members seek above all to be effective faculty members and scholars. Although faculty members observe the stated regulations of the institution, provided the regulations do not contravene academic freedom, they maintain their right to criticize and seek revision. Faculty members give due regard to their paramount responsibilities within their institution in determining the amount and character of work done outside it. When considering the interruption or termination of their service, faculty members recognize the effect of their decision upon the program of the institution and give due notice of their intentions.
5. As members of their community, faculty members have the rights and obligations of other citizens. Faculty members measure the urgency of these obligations in light of their responsibilities to their subject, to their students, to their profession, and to their institution. When they speak or act as private persons, they avoid creating the impression of speaking or acting for their college or university. As citizens engaged in a profession that depends upon freedom for its health and integrity, faculty members have a particular obligation to promote conditions of free inquiry and to further public understanding of academic freedom.

Academic Freedom and Ethics

1. Faculty members are entitled to full freedom in research and in the publication of the results, subject to the adequate performance of their other academic duties; but research for pecuniary return should be based upon an understanding with the authorities of the institution.
2. Faculty members are entitled to freedom in the classroom in discussing their subject, but they should be careful not to introduce into their teaching controversial matter which has no relation to their subject.
3. College and university faculty members are citizens, members of a learned profession, and officers of an educational institution. When they speak or write as citizens, they should be free from institutional censorship or discipline, but their special position in the community imposes special obligations. As scholars and educational officers, they should remember that the public may judge their profession and their institution by their utterances. Hence they should at all times be accurate, should exercise appropriate restraint, should show respect for the opinions of others, and should make every effort to indicate that they are not speaking for the institution.
4. Faculty members in non-teaching fields have the same claim to freedom of inquiry and expression of professional opinion as teaching faculty, and they have parallel obligations as well.

Community Education & Workplace Training

Offers two unique programs that are committed to removing some of the barriers to learning with our not-for-credit fee-based FOCUS classes for community members and through our contract training programs.

FOCUS classes provide opportunities for personal and professional development, skill improvement and upgrading, cultural enrichment, recreational enjoyment and the joy of lifelong learning. We offer Short Term Career Training Certificates that are designed to rapidly prepare community members for their first step in a career; or a step-up in their career. These training programs are developed or revised in response to current labor market trends. FOCUS classes provide community members with educational programs that do not require submission of an application or transcripts. These classes are supported by registration fees and are not funded by taxpayer dollars. College credit is not given for any FOCUS classes.

Contract Training is designed to empower our local workforce by providing customized training in the workplace to assist in improving workers skill sets, increase productivity and improve our local economy. Employers may contract with our program to provide credit or not-for-credit training programs for their employees. Classes are held at the workplace to help remove some of the challenges associated

Statement on Professional Ethics

1. Faculty members, guided by a deep conviction of the worth and dignity of the advancement of knowledge, recognize the special responsibilities placed upon them. Their primary responsibility to their subject is to seek and to state the truth as they see it. To this end faculty members devote their energies to developing and improving their scholarly competence. They accept the obligation to exercise critical self-discipline and judgment in using, extending, and transmitting knowledge. They practice intellectual honesty. Although faculty members may follow subsidiary interests, these interests must never seriously hamper or compromise their freedom of inquiry.
2. Faculty members encourage the free pursuit of learning in their students. They hold before them the best scholarly and ethical standards of their discipline. Faculty members demonstrate respect for students as individuals and adhere to their proper roles as intellectual guides and counselors. Faculty members make every reasonable effort to foster honest academic conduct and to ensure that their evaluations of students reflect each student's true merit. They respect the confidential nature of the relationship between faculty member and student. They avoid any exploitation, harassment, or discriminatory treatment of students.

with full-time employees attending classes on campus sites and to customize the training to meet their employee's specific training needs.

For more information visit: msjc.edu/focus

Mt. San Jacinto College Foundation

The Mt. San Jacinto College Foundation is a non-profit, tax-exempt 501 (c) 3 corporation that broadens the educational opportunities of MSJC students. Established in 1983, the Foundation's mission is to promote student success by enhancing the quality of higher education throughout the district by identifying and securing private support through community alliances. Funds raised provide scholarships and mini grants to enhance MSJC's services and programs.

The Foundation offers the community the opportunity to support the college through financial donations, and gifts of time and expertise. The Foundation's fundraising efforts provide needed scholarships and support services. Facilities and expanded programs are required as the population in the college district's 1,700-square-mile area, which stretches from the San Geronio Pass to the Temecula Valley, continues to rapidly grow.

Since 2000, more than \$11 million in scholarships and other support services have been awarded to MSJC students and the college.

Donations for scholarships, instructional equipment and facility improvements have been provided through wills, estates and annual giving programs such as The President's Club and Champions of Tomorrow.

The Foundation continues to actively solicit support for the San Jacinto and Menifee Valley campuses, the Temecula Higher Education Center and the San Geronio Pass Campus from donors throughout the college district. Individuals interested in learning more about the Foundation or making a donation may call the Foundation Office at the Menifee Valley Campus at (951) 639-5171 or visit MSJC FOUNDATION (<https://www.msjc.edu/foundation/>).

ADMISSIONS

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Admissions Requirements

Admissions

The following groups of people may attend Mt. San Jacinto College:

- Residents and non-residents of California who have graduated from high school, passed the California High School Proficiency Exam or General Education Development Exam (GED), or are eighteen (18) years or older and can benefit from instruction;
- International students who have satisfied specific admission requirements; or
- Eligible high school students who have satisfied specific admissions requirements.

Admissions Application

New and returning students who have not attended MSJC for more than one (1) calendar year must complete an application for admission. Federal and state law, and college policy requires this information. It is highly recommended that students provide the college with official transcripts from high school and previous college work at the time of admission. All transcripts and other documentation submitted become the property of Mt. San Jacinto College.

Review the admissions checklist on the Enrollment Services webpage (<http://www.msjc.edu/enroll/>). After you have submitted the application, you will receive an account activation email to proceed with next steps.

International Students

Mt. San Jacinto College welcomes applications from prospective students outside the United States. The decision to grant an acceptance will be based on all the evidence received in the application packet prior to the deadline. Acceptance into the program is necessary before issuing a U.S. Citizenship and Immigration Services I-20 form (Certificate of Eligibility for Nonimmigrant Student Status) can be issued. Information on applications for prospective international students is available from the International Students Program.

Please visit the International Student web page for further information at International-students (<https://msjc.edu/enroll/international-students.html>).

There is a non-refundable application processing fee of \$90.

International students will be required to pay the prevailing nonresident tuition fee.

High School Students

The California Education Code has provided a special program for high school students who are able to benefit from **advanced** scholastic or vocational studies. To that end, upon the written recommendation of the high school principal, students in grades eleven (11) and twelve (12) may enroll in up to 11.99 units that are not remedial courses for fall/spring terms and one (1) course for summer sessions, unless approved for exceptional circumstances. Some highly qualified ninth (9th) and tenth (10th) grade students may be admitted based upon demonstrated ability to handle advanced study. The same enrollment limit of students in grades eleven (11) and twelve (12) applies. Official transcripts are required and may be sent electronically to officialtranscripts@msjc.edu.

In addition, students **MUST** meet all established course prerequisites in order to be admitted to college courses. Please note that completion of high school courses does not always meet college course prerequisites. Students without a prior placement seeking to enroll in a math or English course or a course with a math or English prerequisite must submit a Prerequisite Challenge form for review. Consult a college counselor for details on specific courses.

Fall/Spring Terms

- Students in grades eleven (11) or twelve (12) may enroll in any scholastic or vocational course(s)¹ for which they meet the course prerequisite(s), and where they can benefit;
- Students in the second semester of grade nine (9) or who are in grade ten (10) must have a letter of recommendation attesting to the student's ability to benefit from enrollment in the college course or program. The letter of recommendation must come from the student's high school teacher in the same discipline for which the student is requesting permission to enroll. If an appropriate, matching discipline is not available at the student's high school, the letter must then come from the student's high school guidance counselor;
- In general, students who are not currently enrolled in the second semester of grade nine (9) or above are not eligible to enroll in college courses;
- Concurrently enrolled students are limited to 11.99 units
- In addition to materials required for special part-time students, concurrently enrolled students desiring to enroll in more than 11.99 units must also present written authorization from the K-12 or high school district governing board and must pay the California Enrollment Fee for all units registered;
- Because college courses are taught at a much faster pace and require significantly more independent learning, high school students will not be permitted to enroll in courses where they have failed the same course in high school.

These courses have both lecture and lab components to the curriculum. Specifically excluded during the academic year are courses involving activity in physical education and lab courses emphasizing physical skill building that is not needed to reinforce the theory of a lecture course.

¹ Scholastic or vocational courses are non-performance courses that may be counted toward an Associate degree or certificate, or for transfer to a four-year institution. History and theory courses such as music or art history, music fundamentals, etc. are considered to be scholastic or vocational, and may be taken by high school students who meet the prerequisites.

Summer Session

- Student must have completed grade nine (9);
- Course must not be available through local high school during the summer;
- Limited to one (1) course
- Student must meet all prerequisites; and
- Up to five percent (5%) of any high school students enrolled in a particular grade (as determined by the high school) may be admitted.

Process for All High School Students

- Submit an MSJC Application for Admission (first semester only or if returning and missed more than one primary semester).
- All students must go through the orientation (first semester only).
- Submit a School/Parent Agreement Form (every semester).
- Submit official high school transcript (every semester).

High School students in grades nine (9) through twelve (12) wishing to enroll in a course must submit a "School/Parent Agreement Form," available at high school counseling offices and at the college's Enrollment Services offices. The form MUST be signed by the high school principal and by the parent or legal guardian. The high school principal, by signing this form, assures the college that the high school student is able to benefit from advanced instruction.

The student is responsible for completing the college registration process, which includes completion of an application for admission, submitting official transcripts, complete the online orientation, and officially registering for classes online. This process must be completed before the course begins. No late requests will be considered.

Special Students Below Grade 9

In extraordinary cases where a student demonstrates superior ability and capacity to succeed in college level work in a particular discipline, the college may consider admission of students who have not completed the first semester of ninth (9th) grade. Such consideration will be on a case-by-case basis, will be limited, and will include completion of the significant documentation of exceptional abilities. Students in this age group who are capable of college level work will usually have already begun high school. Under normal conditions, students still in grade nine (9) or below will be considered to have not demonstrated college level abilities. MSJC reserves the right to deny admission to courses.

Parents should be aware that college work requires more than an ability to understand material. The college-learning environment requires a level of emotional and intellectual ability, which is significantly above that of an eighth (8th) grader. Even straight A's in eighth (8th) grade do not necessarily mean a student is ready for college work. Eighth grade students who request admission will be given individual attention to determine their ability to benefit from college instruction.

Parents are not permitted to attend classes with their children unless they are registered for the course or authorized to attend class to assist a student with an identified disability.

Parents should be aware that they **do not** have access to their children's records without a signed release from the child.

Fees

Pursuant to Education Code Section 76300 (f), all special part-time students enrolled in up to and including 11.99 units per semester at Mt. San Jacinto College while concurrently enrolled in grade twelve (12) or

lower are exempt from California Enrollment fees. When appropriate, students are required to pay non-resident, Health Service fee, SGA fee (opt out available), Student Representation fee(opt out available), Transportation fee, parking and/or materials fees. Non-resident, special part-time students, except non-immigrant aliens are exempt from non-resident fees per AB 2364. Special full-time students enrolled in more than 11.99 units per semester are required to pay California Enrollment fees for all units registered and non-resident fees if applicable.

NOTE: While most high schools accept college courses as satisfying high school graduation requirements, it is the high schools' exclusive right to determine what will be accepted, and how it will be counted. Be certain to consult with the high school counselor before assuming how a college course will be counted. In addition, the college can generate official transcripts only after all instructor grades have been submitted. Therefore, semester grades may not be posted on transcripts in time for high school graduation. Where high school districts will accept it, the college will provide an advance letter indicating course completion to assist the student in going through commencement exercises at the high school.

Grades are not automatically sent to the high school. It is the student's responsibility to sign and submit a transcript request form for the college to provide a transcript to the high school. All of the regulations regarding transcript requests apply to high school students as well, including fees. Students may order official MSJC transcripts online. Learn more at Transcripts (<https://msjc.edu/enroll/how-do-i-request-transcripts.html>).

College courses completed by high school students carry the full weight of college credit, and will count toward college degrees and/or certificates as outlined in this catalog. These courses become a part of the student's permanent college transcript.

NOTE: It is expected that all high school students enrolling in college courses have the maturity to function effectively on a college campus. No special arrangements for additional supervision of underage students are available. College courses are designed for adult students. In a very small number of disciplines, course content may be unusually frank in order to deal with scholarly discussion of behavior, artistic, human or other issues. Unlike K-12 schools, colleges do not contact parents in advance to inform them of these issues. Parents are hereby notified that it is their responsibility to assure that their student is able to handle the college environment, as well as the content of the courses in which the student enrolls. Parents may wish to investigate the curriculum prior to enrolling their student if they have any questions or concerns.

Student Success and Support Program

The Seymour-Campbell Student Success Act of 2012 requires California Community Colleges to provide students with the following core matriculation services to assist them in achieving their educational goals in their program of study.

- Orientation;
- Placement Process (AB 705 or Guided Self-placement)
- Counseling and other educational planning services;
- Referrals to specialized support services; and
- Evaluation of the student's academic progress for intervention.

It is the student's responsibility to participate in these activities by:

- Identifying an education and/or career goal;
- Participating in orientation;
- Understanding the Placement Process for English and mathematics recommendations
- Participating in counseling services and completing an abbreviated student education plan on entry; and
- Completing a comprehensive student education plan upon completion of fifteen (15) units or within two (2) semesters.

Students who do not complete the above activities may be considered a non-matriculated student and will not receive priority registration when registering for courses.

Matriculation Exemption

A student may qualify for exemption from placement based on the following criteria:

- Completion of an associate degree or higher from a regionally accredited college;
- Enrollment in coursework to pursue personal enrichment or maintain a certificate/license;
- Students with "Special Admit Status" (students concurrently enrolled in high school and college)
- All students are required to participate in orientation and counseling services including the development of a student educational plan.

Placement

Placement (a component of the matriculation process) assists students with making sound decisions about their courses in writing and mathematics. It is highly recommended that all new students meet with a counselor. Once you have completed the new student orientation, you may go to Self-Service (<https://cssweb.msjc.edu/css/>) for your registration appointment.

AB 705 & AB 1805

Two new assembly bills relating to assessment and placement were recently passed. These bills, AB 705 and AB 1805, highlight evidence suggesting that community colleges are placing too many students into remediation and significantly more students would complete transfer requirements in English and math if enrolled directly in these courses. Because of this, students must be given access and informed of their rights to access transfer-level coursework in English and math. In addition, placement methods must include one or more of the following:

- high school coursework
- high school grades
- high school grade point average (GPA)

Mt. San Jacinto College uses all of the above measures to place students.

In accordance with AB 705 and AB 1805 regulations, students can do one of the following to place into an English or math course:

- Complete the CCCApply application
- Complete the Guided Self-Placement tool
- Complete a Placement Clearances Form with a counselor
- Pass the AP Language or Literature Composition Exam or the AP Calculus or Statistics exam with a score of 3 or above

- Earn a "C" or better grade in an English or Math course taken at another college or university AND submit a copy of college/university transcript

For more information on these placement options, visit: Placement (<https://msjc.edu/proctoring/>).

AB 705 and AB 1805 - Legislative information:

- View AB 705: AB705 (https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180AB705)
- View AB 1805: AB1805 (https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB1805)

Placement Metric AB 705

English	Recommended	Course
High School GPA \geq 2.6	Transfer-Level	ENGL-101
High School GPA 1.9 - 2.6	Transfer-Level with concurrent support recommended	ENGL-101 with ENGL-094
High School GPA $<$ 1.9	Transfer-Level with concurrent support strongly recommended	ENGL-101 with ENGL-094

Math (Statistics)	Recommended	Course
High School GPA \geq 3.0	Transfer-Level	MATH-140
High School GPA 2.3 - 2.9	Transfer-Level with concurrent support recommended	MATH-140 with MATH-083
High School GPA $<$ 2.3	Transfer-Level with concurrent support strongly recommended	MATH-140 with MATH-083

Math (Liberal Arts)	Recommended	Course
High School GPA \geq 3.0	Transfer-Level	MATH-115
High School GPA 2.3 - 2.9	Transfer-Level with concurrent support recommended	MATH-115 with MATH-081
High School GPA $<$ 2.3	Transfer-Level with concurrent support strongly recommended	MATH-115 with MATH-081

Math (BSTEM) ¹	Recommended	Course
High School GPA \geq 3.4	Transfer-Level	MATH-105 or MATH-110
High School GPA \geq 2.6 AND enrolled in a High School Calculus course	Transfer-Level	MATH-105, MATH-110, MATH-135, or MATH-211
High School GPA \geq 2.6 or Enrolled in High School Precalculus	Transfer-Level with concurrent Support recommended	MATH-105 with MATH-082 OR MATH-110 with MATH-082
High School GPA \leq 2.6 and no Precalculus	Transfer-Level with concurrent support strongly recommended	MATH-105 with MATH-082 OR MATH-110 with MATH-082
Has not completed Algebra 2 or higher		MATH-096 (Recommended)

¹ The BSTEM table requires student completion of Intermediate Algebra/Algebra 2, an equivalent such as Integrated Math III (Common Core 3), or higher course in high school.

NOTE: To ensure students the most accurate placement, this metric is subject to change based upon continuing validation studies. Please consult Counseling for chart revisions.

Policy on Open Enrollment

Unless specifically exempted by statute, every course, course section or class which is to be reported for state apportionment, is open for enrollment and participation by any person who has been admitted to the college and who meets the prerequisite of such course as defined in Title 5, section 58106 of the California Administrative Code.

Registration Process

All eligible students will be issued a registration appointment based on current registration priority standards. Students may register on or after the date and time of their appointment. Registration is done online via Self-Service. Appointments are generally issued two (2) weeks prior to priority registration and students will be notified via email.

Waitlist Option

Once a class fills, you may have the option to add your name to the waitlist (a prioritized list of students seeking enrollment) via Student Self-Service (<https://cssweb.msjc.edu/css/>). If space becomes available in the class, you will automatically be enrolled (auto-enrolled), and must pay the enrollment fee or be dropped. Notification of auto-enrollment is sent to via email. During the registration period, fees are due four days from the date of registration up until one week prior to the start of the semester, at which time fees are due the same day of registration. Waitlists close and auto-enroll stops the day prior to the start of the class. Students are responsible for meeting prerequisite/corequisite requirements for waitlisted courses. In addition, it is the student's responsibility to ensure necessary petitions are submitted and the waitlisted class does not pose any scheduling time conflicts. A student will not be auto-enrolled if they are already registered in another section of the same course.

Maximum Unit Load

A regular program is fifteen (15) to eighteen (18) units, including an activity course in physical education. The maximum load for any student is twenty (20) units for the fall and spring semesters. The maximum load for summer session is eighteen (8) units. Exceptions will be made only by signed recommendation of a counselor on a Student Petition Form submitted to the Enrollment Services Office.

Minimum Load

The college does not specify a minimum load except when the student desires to meet certain requirements such as:

- The load requirements for Chapter 35 (Survivors' and Dependents' Educational Assistance Program) and Federal Student Financial Aid are:

Course	Title	Credits
Full-time		12
Three-Fourths-time		9-11
One-Half-time		6-8

- Full-time load to maintain status as an "F-1" visa (international student) requirement; 12 units per semester.
- Eligibility to participate in intercollegiate athletics: A student/athlete must be actively enrolled in a minimum of 12 units at their community college during the seasons of competition, complete twenty-four (24) units between season of sports to participate in a second season of the sport and maintain a 2.0 (C) or better grade-point average. See the Dean of Student Services, Physical Education and Athletics for conference regulations.
- Eligibility to participate in student government requires enrollment in six (6) or more units during the semester of participation. Contact the Student Government Association Office for other requirements.
- Federal Pell Grants are paid on the basis of less than one-half, one-half, three-fourths or full-time enrollment. Payment will also be contingent on the student's Pell entitlement.
- Eligibility for EOPS or the CARE program requires full-time enrollment (12 units).

Time Conflicts

Students will not be permitted to register for classes that are scheduled to meet at the same time or at overlapping times.

Multiple Enrollments

Students **shall** only be permitted to enroll in two (2) or more sections of the same credit course during the same term if the length of the course is such that the student is not enrolled in more than one (1) section at any given time.

Auditing

Students who are not interested in earning credits may audit courses for a fee of \$15 per unit for each semester or intersession. The auditing student is essentially a listener, who does not take examinations or receive credit.

- Auditing of a course is at the discretion and permission of the instructor and has no impact on enrollment capacity.
- The audit fee shall be \$15 per unit per semester or intersession. (Students enrolled in classes to receive credit for ten or more units shall not be charged a fee to audit three or fewer units per semester.)
- Priority in class enrollment shall be given to students desiring to take the course for credit. Therefore, enrollment for audit will not be permitted until the second week of instruction for full-term classes and the second day of instruction for short-term and summer classes.
- Auditing requests are made through the instructor and with the approval of the area Dean of Instruction during the second week of the term. No audit requests are accepted after 10% of the course.
- Once audit enrollment is completed, no student will be permitted to change his/her enrollment to receive credit.
- If a student registers for a class, he/she may not make the request to audit.
- The college may levy a fee on materials used by the student. This fee will be in addition to the auditing fee.
- The college will maintain no attendance or transcript record
- No refunds will be made for student withdrawals unless the college cancels the course.
- Rules and regulations pertaining to the credit student are applicable to the auditing student except tests and grade responsibility.

Program Changes

Any student wishing to add or drop classes after enrollment may login at Student Self-Service (<https://cssweb.msjc.edu/css/>). However, commencing the day of the first class meeting, instructor approval is required for all registration via Add Authorization. Once an instructor has granted Add Authorization, the student must complete the registration into the section via Self-Service. If registration is not complete by the Census date, a student is required to submit a *Petition to Enter Class Late* to Enrollment Services. This form MUST be signed by the instructor. Students may not drop a class beyond seventy percent (75%) of the course length. Students may request a registration statement from Enrollment Services for specific dates, including refund date, drop without a "W" date and drop with a "W" date. It is ultimately the student's responsibility to drop classes from their schedule.

Registration Priorities

Mt. San Jacinto College has adopted the following registration priorities that are used for registration appointments for fall and spring terms and summer sessions.

Registration priorities are the order in which registration appointments are assigned to groups of students. Groups are determined utilizing multiple criteria to include California Education Code, Title 5, and local district policies which take into account college readiness.

Priority Registration Groups

- Active Duty Servicemembers and Student Veterans
- Current and former foster youth
- Homeless Youth
- Students who are CalWORKs recipients
- EOPS students
- ASC students

Other Registration Groups

- Student Athletes
- Student Representatives under External/Internal Mandates
- Students participating in First Year Experience program

English and Math College Readiness

College Proficient

- Completed ENGL-101 College Composition (formerly Freshman Composition) or ENGL-103 Critical Thinking and Writing and MATH-105 College Algebra or higher ¹

Partial Proficiency

- Completed ENGL-101 College Composition (formerly Freshman Composition) or ENGL-103 Critical Thinking and Writing or MATH-105 College Algebra or higher.

College Ready

- Eligible to enroll into ENGL-101 College Composition (formerly Freshman Composition) and MATH-105 College Algebra or higher ²

¹ Completed for the purpose of this document means completing the course AND earning a passing grade: A, B, C, P or CR.

² EAP scores, SAT Scores, Curriculum Alignment, Multiple Measures and High School ERWC are accepted to determine registration group.

Unit Limitation and Higher Degree

- Students with one hundred (100) or more degree applicable earned units
- Students with a higher degree (Associates from another institution, Bachelors, Masters, or Doctorate)

Probation and/or Dismissal

All students on two (2) consecutive semesters of probation and/or dismissal.

Non-Matriculated Students

Students with an educational goal to maintain certificate/license, personal development or four (4) year student and students who have not completed one (1) or more core services (Placement, orientation and counseling).

Concurrently enrolled high school students

Students who have completed the matriculation and concurrent enrollment processes.

Loss of Priority Registration and/or Promise Grant Appeal

Students who have lost priority registration as a result of the following reasons may submit an appeal to Enrollment Services. All appeals must be accompanied with a written statement from the student, and a copy of the most recent comprehensive educational plan and any supporting documentation.

- Extenuating Circumstances – verified cases of accident, illness or other circumstances beyond the student's control;
- Necessary accommodation per Disabled Students Programs and Services – verification required on form;
- Academic and/or progress improvement – Evidence of such improvement is defined as achieving no less than the minimum grade point average of 2.0 (C) and/or no less than fifty-one percent (51%) completion for the semester;
- Enrollment in courses required for a high unit transfer major or program;
- Exemption from the one-hundred (100) unit limit based on prior non-traditional credit or highly specialized coursework.
- Exemption from the one-hundred (100) unit limit or degree based on last semester to meet educational goal

Residency Requirements

This section of the catalog provides a general summary of the principal rules on residency and their exceptions. For the detailed rules used by admission officers for residency determination, reference should be made to regulations of the Board of Governors of the California Community Colleges in Sub-Chapter 1 (commencing with Section 54000) of Division 6 of Chapter V, of Title 5 of the California Administrative Code, and the regulations and guidelines available at the Enrollment Services Office. These regulations are subject to change without notice by the state Legislature.

Determination of Residency

Each person enrolled or applying for admission to a California community college is, for purposes of admission and/or tuition, classified as a

“California resident” or as a “non-resident.” If students are classified as California residents, they will be admitted to the college without paying non-resident tuition. Students classified as non-residents will be required to pay non-resident tuition and capital outlay fee, in addition to the California Enrollment fee, in an amount set by the governing board of the district. A “California resident” is a person who has resided within California for at least one (1) year and one (1) day prior to the first (1st) day of the term of enrollment and can provide documentation of their intent to make California their permanent residence.

A “non-resident” student is one who does not have residence in the state for more than one (1) year prior to the residence determination date and cannot provide documentation of intent to make California their permanent residence.

Establishing Residence

To establish residence, a person capable of establishing residence in California must couple physical presence in California with objective evidence that the physical presence is with the intent to make California the permanent home. The burden is on the student to demonstrate clearly both physical presence in California and intent to establish California residence. The following explanations will assist in determining physical presence and intent.

Physical Presence

- A person capable of establishing residence in California must be physically present in California for one (1) year prior to the residence determination date to be classified as a resident student;
- A temporary absence for business, education or pleasure will not result in loss of California residence if, during the absence, the person always intended to return to California and did nothing inconsistent with that intent;
- Physical presence within the state solely for educational purposes does not constitute establishing California residence regardless of the length of that presence.

Intent

1. Intent to make California the home for other than a temporary purpose may be manifested in many ways. No one factor is controlling;
2. A student who is nineteen (19) years of age or over and who has maintained a home in California continuously for the last two years shall be presumed to have the intent to make California the home for other than a temporary purpose unless the student has evidenced a contrary intent by having engaged in any of the activities listed in subsection (6) of this section;
3. A student who is under nineteen (19) years of age shall be presumed to have the intent to make California the home for other than a temporary purpose if both the student and their parent(s) have maintained a home in California continuously for the last two years unless the student has evidenced a contrary intent by having engaged in any of the activities listed in subsection (6) of this section;
4. A student who does not meet the requirements of subsection (2) or subsection (3) of this section shall be required to provide evidence of intent to make California the home for other than a temporary purpose as specified in subsection (5) of this section;
5. The following factors are considered in determining California residency (a minimum of 3 must be provided):

- a. Ownership of residential property or continuous occupancy of rented or leased property in California;
 - b. Registering to vote and voting in California;
 - c. Licensing from California for professional practice;
 - d. Active membership in service or social clubs;
 - e. Presence of spouse, children or other close relatives in the state;
 - f. Showing California as home address on federal income tax form;
 - g. Payment of California state income tax as a resident;
 - h. Possessing California motor vehicle license plates;
 - i. Possessing a California driver's license;
 - j. Maintaining a permanent military address or home of record in California while in the armed forces;
 - k. Establishing and maintaining an active California bank account;
 - l. Being the petitioner for a divorce in California.
6. Conduct inconsistent with a claim of California residence includes but is not limited to:
 - a. Maintaining voter registration and voting in another state;
 - b. Being the petitioner for a divorce in another state;
 - c. Attending an out-of-state institution as a resident of that state;
 - d. Declaring non-residence for state income tax purposes.

Reclassification

Students who have been classified as non-residents are not automatically reclassified as residents. It is the responsibility of the student to request reclassification to residency status. The petition for reclassification to residency status must be submitted to the Enrollment Services Office no later than 75% of the term in which the student is seeking reclassification. The petition must be accompanied by documentation verifying the student's intent to become a California resident, evidence of physical presence in California and/or evidence of financial independence. The law clearly states that the burden of proof of verifying residency rests with the applicant or student.

- A student seeking reclassification as a resident, who was classified a non-resident in the preceding term, shall be determined to be financially independent or dependent;
- A student who has established financial independence may be classified as a resident if the student has demonstrated clearly physical presence and intent to be a California resident for one year prior to the residence determination date;
- In determining whether the student has objectively manifested intent to establish California residence, financial independence shall weigh in favor of finding California residence, and financial dependence shall weigh against finding California residence;
- Financial dependence in the current or preceding calendar year shall weigh more heavily against finding California residence than shall financial dependence in earlier calendar years. Financial dependence in the current or preceding calendar year shall be overcome only if (1) the parent on whom the student is dependent is a California resident, or (2) there is no evidence of continuing residence in another state.

One-Year Waiting Period

The one (1) year residency period that a student must meet to be classified as a resident does not begin to run until the student both is present in California and has manifested clear intent to become a California resident.

Exceptions to Residency Rule

Exceptions to the residency determination as set forth above will be applied to certain factual situations. If the student would otherwise be classified a non-resident, but fits within one of the following exceptions, they would be granted resident classification until they obtain such classification.

Examples of some exceptions are:

- A minor whose parents moved from California prior to the residency determination date will retain resident classification if they remain in California and continues full-time attendance at Mt. San Jacinto College;
- A student who is a minor and who has been self-supporting and in California for one year preceding the day before the term will be granted resident classification;
- A child or a spouse of a member of the armed forces stationed in California will be granted resident classification. A student who is a member of the armed forces not assigned to California for purposes of education will be entitled to resident classification;
- Adult aliens lawfully admitted for permanent residence and present for one year will be given resident classification. Minor aliens may use their parent's durational presence to satisfy the one-year requirement as long as they are not precluded from establishing residence in the United States;
- A student holding a valid credential authorizing service in a public school and employed in a certificated position by a community college district will be given resident classification;
- Certain refugees may claim exception from non-resident tuition with documentation from the Immigration and Naturalization Service evidencing that the student is a refugee and establishing that they have been a California resident for one (1) year;
- A student who is a full-time employee of a California school enrolling in courses necessary for credential qualifications will be given resident classification.
- A special admit (high school) part-time student, other than a nonimmigrant alien
- Refugees with special immigrant visas (SIVs) who settled in California upon entering the United States.
- Students with T and U visas.

Change of Address

Following is a step-by-step process for changing your address on the Web:

- Go to Self-Service (<https://cssweb.msjc.edu/css/>);
- Log in using your username and password;
- Select "Student Self-Service" from the menu;
- Within the "User Account" menu option, select "User Profile-manage contact information"

Cross Enrollment

Mt. San Jacinto College participates in a cross-enrollment program with the California State University (CSU) and University of California (UC) campuses. Cross enrollment permits students to enroll in one course per term at a campus of either of the other two systems on a space available basis at the discretion of the two campuses. This program aims to encourage California Community College (CCC) students to enroll

concurrently in courses offered at local universities, potentially increasing the number of CCC transfers, including students from underrepresented groups.

Students must meet certain qualifications and be certified by their home campus as to eligibility, residence, fee, financial aid and health status. Generally, students will be allowed to add a class, if space is available, after the add/drop period on the host campus. To add a course, students must obtain the faculty member's approval and signature on a Cross-Enrollment form, available at their home campus Registrar's Office or Enrollment Services. The student is responsible to take the signed form to the Registrar's Office or Enrollment Services at the host campus for processing.

Qualification Requirements for Cross-Enrollment Programs

You are eligible for Cross Enrollment if you have met all of the following requirements at MSJC:

1. Have earned California resident status;
2. Completed at least one regular semester at MSJC;
3. Earned a grade point average of 2.0 (C) for college work completed;
4. Enrolled at MSJC for a minimum of six units for the current term (fall or spring);
5. Paid appropriate enrollment fees at home campus;
6. Completed appropriate academic preparation for the course you intend to take as determined by the host campus. The host campus is where you will take the additional class (example: CSUSB, CSUSM, UCR, UCD, etc.).

Schedule of Classes

Mt. San Jacinto College publishes class schedules for the regular academic program and continuing education for each semester. Class schedules including non-credit are available on the MSJC website (<https://msjc.edu/scheduleofclasses/>).

Printed schedules may be available in the Enrollment Services Office at any campus location.

Evening Classes

Evening classes are parallel to daytime classes in title and number, prerequisites, course content, outside work required and in examinations. Students may qualify for the Associate in Arts degree or the Associate in Science degree through participation in evening classes. The evening program offers many possibilities: preparation for a vocation, preparation for transfer to the upper division of a four (4) year college or university or a chance to gain a better general education. Counseling services are available to help students in their educational planning.

Off-Campus Courses

Courses are offered at a variety of high school campuses and other off-campus sites. Check the current schedule of classes for information about course offerings and locations.

Courses taken on either campus or at any off-campus center of Mt. San Jacinto College are all reported on the same transcript and are counted cumulatively toward the student's educational goal.

Online, Hybrids and Short-Term Offerings

The college provides a wide variety of specially scheduled courses such as Online, Hybrid, Short-term, and courses that are not contained within one of the regular academic terms. All credit courses offered, regardless

of scheduling option, meet the requirements and standards established by the college, and result in the award of full college credit.

Online and Hybrid Formats:

1. **Online Anytime** - Classes offer course materials that are accessible online 24/7 via Canvas, MSJC's Learning Management System. Learning happens on your schedule, although deadlines for assignments/activities still apply. The "anytime" format allows for flexibility and pacing.
2. **Online Real-Time** - Classes offer live, online regularly scheduled meetings utilizing video conferencing software. Learning happens during "real-time" interactions with the instructor and classmates. The "real-time" format allows for classroom engagement and dynamic learning.
3. **Hybrid Anytime** - Classes offer a face to face meeting component scheduled on campus as well as an online anytime component. Only on campus face to face meetings are scheduled in a Hybrid Anytime class.
4. **Hybrid Real-Time** - Classes offer a face to face meeting component scheduled on campus as well as an online real-time component. All meetings are scheduled in a Hybrid Real-Time class.

Short-Term Offerings

Short-term offerings for primary terms (fall/spring) are typically eight weeks long. Early start, short-term classes begin near the start of the term and Late start, short-term classes begin in the middle of the term.

STUDENT FEES

- Enrollment Fees (p. 22)
- Student Health Center Fee (p. 23)
- SGA Sticker (p. 24)
- Pay Fees (p. 24)
- Refund Policy (p. 24)
- Transcripts and Enrollment Verifications (p. 25)
- Outstanding Obligations (p. 25)
- Books and Supplies (p. 25)

Enrollment Fees

Resident Tuition

Fee	Costs
Each unit	\$46

Non-Resident Tuition

Fee	Costs
Each unit	\$290
California Enrollment Fee	\$46
Capital Outlay Fee per unit	\$39
Total Non-Resident Tuition per unit	\$375

A non-resident tuition fee will be charged to those students eighteen (18) years of age or older at the time of registration, who have not been living in the State of California for a period of one (1) year prior to the date of enrollment. Students under eighteen (18) will be charged non-resident tuition if the student's parents or legal guardian are a resident of another state.

A student who does not qualify for California residency is classified as a non-resident student and is required to pay a non-resident tuition fee. The fee for non-resident tuition is \$290 per unit. This fee is in addition to the \$46 per unit enrollment fee mandated by the State of California. Non-resident students must also pay an additional \$39 per unit capital outlay fee pursuant to Education Code Section 76141.

Students who qualify for California Non-Resident Tuition Exemption (AB 540) or (AB 2364) are not required to pay the non-resident tuition and capital outlay fees.

Other Fees

All fees are subject to change.

Fee	Costs
Student Health Center Fee Fall and Spring	\$22
Student Health Center Fee Summer	\$18
Student Activity/SGA Fee Fall and Spring (opt out available)	\$7
Student Activity/SGA Summer (opt out available)	\$3
RTA/Transportation Fee ¹	\$6
Parking Fee Fall and Spring ²	\$34
Parking Fee (with CA College Promise Grant discount)	\$20
Motorcycle Parking Fee ²	\$20

Parking Fee Summer ²	\$15
Student Representation Fee (opt out available)	\$2

Material fees as listed in the current schedule

- ¹ Less than 6 units, \$5.50 + \$.50; 6 units or more \$5.00 + \$1.00 (Total \$6 reflects RTA and Transportation Service fees).
- ² Only students displaying a current state issued disabled parking placard may park in designated disabled parking spaces. A current, valid MSJC parking permit is also required.

Students will be charged the SGA and Student Rep Fee unless they decline prior to registration.

Enrollment Fee Waiver California College Promise Grant

The California College Promise Grant ensures that no student who is eligible and who wants to attend Mt. San Jacinto College is denied entrance because of the enrollment fee. To receive a Promise Grant a student must be a California resident or be eligible for AB 540, California Non-resident Tuition Exemption, must be either receiving Temporary Assistance to Needy Families (TANF) or Supplemental Social Security or General Assistance, or meet the past year's income criterion. Students receiving the Promise Grant must meet minimum academic and progress standards to remain eligible for the waiver. Complete information is available in the Financial Aid Office.

Enrollment fees shall be waived for the following:

1. Dependents of certain deceased or disabled veterans and California National Guard members upon certification of fee waiver eligibility by the California Department of Veterans Affairs or the National Guard Adjutant General;
2. The surviving spouse or the child, natural or adopted, of a deceased person who met all the requirements of Education Code section 68120 regarding active law enforcement service or active fire suppression and prevention;
3. A dependent of any individual killed in the September 11, 2001, terrorist attacks on the World Trade Center in New York City, the Pentagon building in Washington, D.C., or the crash of United Airlines Flight 93 in southwestern Pennsylvania, if he or she meets the financial need requirements for the Cal Grant A Program, pursuant to Education Code section 69432.7 and either the dependent was a resident of California on September 11, 2001, or the individual killed in the attacks was a resident of California on September 11, 2001. The exemption for a surviving child continues until the dependent child reaches the age of thirty (30).

Registered Apprentices

Enrollment and other Fees are waived for Registered Apprentices

Education Code 76350 (https://leginfo.ca.gov/faces/codes_displaySection.xhtml?sectionNum=76350.&lawCode=EDC) (https://leginfo.ca.gov/faces/codes_displaySection.xhtml?sectionNum=76350.&lawCode=EDC) states that "no charges or fees shall be required to be paid by a resident or nonresident **apprentice**, or by his or her parent or guardian, for admission or attendance in any course of activity or community college course that is offered pursuant to Section 3074 of the Labor Code," and Education Code 76355 (https://leginfo.ca.gov/faces/codes_displaySection.xhtml?lawCode=EDC§ionNum=76355.) exempts apprentices from health

fees. MSJC is a member of the LAUNCH Apprenticeship Network and information concerning “Apprenticeship Pathways” is available at Launch Apprenticeship (<https://launchapprenticeship.org/>).

Non-Resident Tuition Exemption For Eligible California High School Graduates

(The law passed by the Legislature in 2001 as AB 540: Education Code Section 68130.5)

Any student, other than a nonimmigrant alien (except T and U visas), who meets all of the following requirements, shall be exempt from paying non-resident tuition at the California Community Colleges, the California State University and the University of California (all public colleges and universities in California). Students who are nonimmigrants (for example, those who hold F [student] visas, B [visitor] visas, etc.) are not eligible for this exemption.

Requirements

1. Total attendance (or attainment of credits earned) in California equivalent to three or more years of full-time attendance at California high schools, California high schools established by the State of Board of Education, California adult schools (established by a county office of education, a unified school district or high school district, or the Department of Corrections and Rehabilitation), campuses of the California Community Colleges, or a combination of these; or

Three or more years of full-time high school coursework, AND a total of three or more years of attendance in California elementary schools, California secondary schools, or a combination of California elementary and secondary schools.

2. Graduation from a California high school or the equivalent prior to the start of the term (for example, passing the California GED or California High School Proficiency exam CHSPE); or

Attainment of an associate degree from a California community college; or

Fulfillment of the minimum transfer requirements established for the University of California or the California State University for students transferring from a California community college.

3. Students without lawful immigration status must file an affidavit with the college or university stating that he or she has filed an application to legalize their immigration status, or will file an application as soon as he or she is eligible to do so;

Students eligible for this exemption must submit a California Nonresident Tuition Exemption form to Enrollment services along with all official transcripts or attendance records being used to fulfill the requirements. Students who are transferring to another California public college or university must submit a new request (and documentation, if required) to each college under consideration.

Non-resident students meeting the criteria will be exempted from the payment of non-resident tuition, but they will not be classified as California residents. They continue to be “non-residents.”

Students are not eligible if living outside of California taking distance education classes.

Special part-time Student Non-Resident Tuition Exemption (AB 2364)

A special part-time student, other than a nonimmigrant alien shall be exempt from non-resident tuition and capital outlay fees.

California Dream Act

The California Dream Act of consists of two laws passed in 2011 (AB 130 & 131). Together, these bills allow undocumented and documented students who meet certain provisions of AB 540 law (see above) to apply for and receive non-state funded scholarships for public colleges and universities (AB 130), state-funded financial aid such as institutional grants, community college fee waivers, Cal Grant and Chafee Grant (AB 131).

If you are an undocumented AB 540 student, complete the CA Dream Application at Dream (<http://dream.csac.ca.gov>) or if you are a U.S. citizen or permanent resident, complete the FAFSA (Free Application for Federal Student Aid) at FAFSA (<http://www.fafsa.gov>) to determine your eligibility for financial aid programs.

Student Health Center Fee

MSJC has Student Health & Wellness Centers on the Menifee Valley (MVC), San Jacinto (SJC), and Temecula Valley (TVC) campuses. These centers are being funded through a mandatory fee assessed to both full-time and part-time students of \$22 for the Fall and Spring semesters and \$18 for the Summer semester. The fee is assessed regardless of whether the student utilizes the available services or has their own insurance.

The Student Health & Wellness Centers are located in the:

Menifee Valley Campus - 700 Building (room 723) adjacent to the LRC

San Jacinto Campus - Modular 1540 next to the Cafe

Temecula Valley Campus - *Coming Soon!*

Office hours may vary; please check our Health Center Services (https://www.msjc.edu/healthcenter/General_Office_Hours.html) page for the most up-to-date current operating hours.

Appointments can be scheduled by visiting the Student Health Patient Portal (<https://www.msjc.edu/healthcenter/patient-portal.html>), emailing healthservices@msjc.edu, or calling (951) 732-7970 and speaking with one of our friendly healthcare representatives.

Student Health & Wellness Centers are available to all current students enrolled in at least one credit. The Student Health Centers provide nurse visits; mental health counseling; health education; wellness workshops; immunizations and immunization reviews; COVID, Influenza and TB testing; Coming soon Nurse Practitioner visits for illness and/or injury, in-house lab testing, diagnostics, and so much more.

“MSJC Student Health Centers are your centers of health & well-being. We treat the whole person and aim to prepare you to be successful in life, not just in school.

MSJC Student Health Centers operate around the 8-Dimensions of Wellness

Physical . . Intellectual . . Emotional . . Social . . Spiritual . .
Occupational . . Financial . . Environmental

Focusing our program on The Eight Dimensions of Wellness, we are able to give you the tools to not only evaluate your overall health and wellness

but empower you to make choices and change habits that will improve your quality of life."

Check out our Wellness Nook complete with a zero gravity massage chair, virtual reality guided meditation, 8-dimensions of wellness library, games, puzzles, coloring books, and more.

Access to free, and anonymous, mental health screenings are available here (<https://screening.mentalhealthscreening.org/mt-san-jacinto-college/>). MindWise screenings can also be found on our Mental Health Counseling page (<https://www.msjc.edu/healthcenter/Mental-Health-Counseling.html>).

For complex cases, we offer referrals to outside health agencies in the community.

Limited medical insurance is available against accidental injury while on campus.

All college accidents should be reported immediately to the Health Center for proper evaluation and treatment.

For life-threatening emergencies always dial 8-911 from any campus phone or 911 from your personal phone.

All medical records and discussions with our staff are strictly confidential.

We are here to serve you!

Students who depend exclusively on prayer for healing, in accordance with the teachings of a bona fide religious sect, denomination, or organization, and can supply the college with documentation of active membership, may submit a Health Center Fee Exemption form and supporting documentation to the Health Center office. The form is available at the Health Center office. Exemptions are semester-based and must be submitted each semester prior to the full-term refund deadline (end of the 2nd week of Instruction).

SGA Sticker

The Student Government Association or the "SGA", is the primary student organization tasked with representing, and advocating for, all MSJC students. Revenue from the SGA sticker fee helps the SGA sponsor a variety of recreational programs on and off campus, including free BBQ's, cultural events, athletic events, student leadership training, club activities, and more.

The SGA sticker fee provides students with:

- 5% off on purchases at the Eagle Bookstore and Eagle Express Café
- Discounted or free lunch at Student Government Association BBQ's and events
- Discounts at supporting local vendors
- Free school supplies (while supplies last)
- Free admission to home athletic games (excluding playoffs)
- All proceeds go toward enhancing student life on campus

SGA Sticker Refund Policy

You must opt-out if you do not wish to pay the SGA sticker fee. During the enrollment process and before a student registers for classes, students will have the opportunity to "opt-out" or "decline" the SGA sticker fee charge. Refunds requested after a student has registered for classes

must be requested, in person, through the Enrollment Services Office, with a "Request for refund" form. **No refunds will be made after the second week of instruction.**

Pay Fees

Fees may be paid online using a credit card (MasterCard, Visa or Discover) by logging on at Self-Service (<https://cssweb.msjc.edu/css/>). Fees may also be paid in person using a credit card, personal check or cash at the Cashier's Office on the San Jacinto Campus or Menifee Valley Campus. Payments are also accepted at the San Geronio Pass Campus during office hours.

Refund Policy

Residents

Your enrollment fee, **less a \$10 processing charge**, is returned automatically if you drop by a specific date depending on each course or full refund if the college cancels classes. For short-term classes (meeting less than two weeks), **you must drop before the first class meeting**. For short-term classes (greater than two weeks) including summer session classes, you must drop prior to ten percent (10%) of the length of the course. Please refer to your registration statement for specific dates including the refund date, drop without a "W" and drop with a "W" date.

Refunds for your parking fee must be requested through the Enrollment Services Office and a processing fee may be assessed. The processing fee is assessed once per semester. You must submit a "Request for Refund" form and attach your parking permit. **No refunds will be made after the second week of instruction. It is the student's responsibility to drop classes.**

The processing time for refunds is approximately four (4) weeks. Keep receipts for reference. Student's registration privileges and diplomas may be withheld pending settlement of outstanding financial obligations due the college.

If you do not appear in class, do not drop the course and the instructor does not drop you, **you will be held responsible for fees. In addition, you may also receive a failing grade.**

Military Withdrawal

Students who have withdrawn from classes due to military orders are entitled to a refund. A refund request form must be submitted to Enrollment Services.

Excused Withdrawal

Drops as the result of an Excused Withdrawal "EW" are not automatically entitled to a refund. A refund request form must be submitted to Enrollment Services for consideration.

Non-Residents

The amount of your tuition that will be refunded depends upon when you drop.

Tuition will be refunded as follows:

Spring/Fall Sessions Refund

Refund	Percent Refunded
Fees collected in error	100%
Cancelled classes initiated by MSJC	100%
Drops prior to the end of the second week of instruction	100%

Drops processed

Refund	Percent Refunded
During the third week of instruction	80%
During the fourth week of instruction	60%
During the fifth week of instruction	40%
During the sixth week of instruction	20%

After the sixth (6th) week of instruction, no refunds will be made. Non-resident students enrolling in short-term classes starting after the beginning of the ninth (9th) week of instruction will be charged for the additional units of short-term credit regardless of any reduction at that time.

Summer Session Refund

Refund	Percent Refunded
Drops processed by second class meeting	100%
Third class meeting	80%
Fourth class meeting	60%
Fifth class meeting	40%
Sixth class meeting	20%

Mt. San Jacinto College complies with all refund requirements established by the Federal Title IV Financial Aid Regulations. These refund regulations may differ from the college's regular refund policy. The college's current financial aid tuition refund policy may be obtained from the Financial Aid Office.

Transcripts and Enrollment Verifications

Transcripts may be requested online through the Credentials Transcript Plus website. Written requests may be submitted to Enrollment Service in person or by mail/fax. Mt. San Jacinto College may deliver transcripts electronically, first class mail, Fed Ex expedited mail or printed for pickup. Official transcripts can be sent to the requestor, another institution, or other designated location. The transcript is a duly certified record of all work completed at Mt. San Jacinto College. The first two transcripts and/or enrollment verifications are furnished free of charge. Free transcripts are not available by request online; the request must be made in person or vial mail/fax and rush processing is not included. Rush transcripts and/or enrollment verifications are available for an additional service fee. Rush requests are normally processed while you wait, or mailed within forty-eight (48) hours of request; however standard mailing time applies. There is a Fed Ex expedited delivery option for online transcript requests only and for an additional service fee. For information on delivery options and fees, please go to transcripts (<http://www.msjc.edu/transcripts/>).

The following types of enrollment verifications will not be charged a service fee:

- Scholarship Verifications
- Child Care Verifications
- GPA Verifications
- In-School Loan Deferment Requests
- Verifications as required for public assistance, rehabilitation, unemployment or other California State services/benefits
- Verifications as required for U.S. Military Agencies or Veterans Affairs Services

Submitted high school and college transcripts become the property of Mt. San Jacinto College and are not forwarded to other institutions, nor are copies provided to students. Unofficial MSJC transcripts are available through the student's online account.

Outstanding Obligations

If you have outstanding fees/obligations owed to the district, the college may withhold diplomas and registration privileges in the current term and subsequent terms until all fees are paid pursuant to California Education Code, section 72237 and Title 5, section 59410.

Books and Supplies

The Bookstores are owned and operated by Mt. San Jacinto College and support the mission of the college. We are dedicated to excellence in customer service. Our goal is to get timely and accurate course materials in the hands of students to aid in their success.

Getting your course materials is quick, easy, and worry-free using our online bookstore. View your required materials, select your items, and checkout. Free standard shipping (5-7 days) is offered two weeks prior to the start of the semester and one week into the semester. An expedited 2nd-day shipping option is available at an additional cost. Items are shipped to the address provided during the check-out process or students may choose to pick them up at one of our convenient locations.

The on-campus bookstores sell supplies, testing materials, general merchandise, and MSJC gear. The bookstore also serves all of your graduation needs. Come visit the bookstore while on campus and show your SGA sticker to receive a 5% discount. Don't have one yet, no problem, conveniently purchase one at the bookstore. After hours students can obtain needed supplies such as pencils and testing materials from our vending machines located on each campus.

We proudly work with students in programs such as Veterans, EOPS, CalWORKs, and Department of Rehabilitation on program vouchers. We understand that navigating these program requirements can be challenging at times, but we are here to support students along the way.

For more information such as hours of operation, refund policy, textbook buyback, and special sale events please visit our website: MSJC Bookstore (<https://msjc.edu/bookstore/>)

RECORDS

- Student Records and Privacy Act (p. 26)
- Family Educational Rights and Privacy Act (FERPA) (p. 27)
- Directory Information (p. 27)
- Custodians of Education Records (p. 27)
- Disclosure of Education Records (p. 27)

Student Records and Privacy Act

Definitions

For the purposes of this policy, Mt. San Jacinto College (MSJC) uses the following definitions of terms:

- Student – any person who attends or has attended Mt. San Jacinto College (MSJC)
- Education records – any record (in handwriting, print, tapes, film, photograph or other medium) maintained by MSJC or any agent of the college that is directly related to a student, except:
 - a. A personal record kept by a staff member, if it is kept in the personal possession of the individual who made the record, and information contained in the record has never been revealed or made available to any other person except the maker's temporary substitute;
 - b. An employment record of an individual, whose employment is not contingent on the fact that they are a student, provided the record is used only in relation to the individual's employment;
 - c. Records maintained by MSJC security if the record is maintained solely for law enforcement purposes, is revealed only to law enforcement agencies of the same jurisdiction and does not have access to education records maintained by the college;
 - d. Records maintained by health services if the records are used only for treatment of a student and made available only to those people providing the treatment; and
 - e. Alumni records containing information about a student after they are no longer in attendance at the college and the records do not relate to the person as a student.

Inspect Records

Procedure to Inspect Records

Students may inspect and review their education records upon request to the appropriate record custodian. Students should submit to the record custodian or an appropriate college staff person a written request identifying as precisely as possible the record or records they wish to inspect.

The record custodian or an appropriate college staff person will make the needed arrangements for access as promptly as possible and notify the student of the time and place where the records may be inspected. Access must be within forty-five (45) days from the receipt of the request.

When a record contains information about more than one student, the student may inspect and review only the records that relate to them.

Access

Right to Refuse Access

MSJC reserves the right to refuse student access to the following records:

- The financial statement of the student's parents;
- Letters and statements of recommendation for which the student has waived their right of access, or which were placed in the file before January 1, 1975;
- Those records which are excluded from the FERPA definition of education records.

Copies

Refusal to Provide Copies

MSJC reserves the right to deny transcripts or copies of records not required to be made available by FERPA in any of the following situations:

- The student lives within commuting distance of the college;
- The student has an unpaid financial obligation to the college;
- There is an unresolved disciplinary action against the student.

Fees for Copies of Records

The fee for copies will be 10¢ per page. The cost of a subpoena is \$15.

Correction of Records

Any student may file a written request with the Superintendent/President to correct or remove information recorded in his student record which they allege to be inaccurate; an unsubstantiated personal conclusion or inference; a conclusion or inference outside of the observer's area of competence; or not based on the personal observation of a named person with the time and place of the observation noted.

Within thirty (30) days of receipt of such request, the Superintendent/President or his designee shall meet with the student and the certificated employee who recorded the information in question, if any, and if such employee is presently employed by the college.

The Superintendent/President or his designee shall then sustain or deny the allegations. If the Superintendent/President or his designee sustains any or all of the allegations, he shall order the correction or removal and destruction of the information.

If the Superintendent/President or his designee denies any or all of the allegations and refuses to order the correction or removal of the information, the student may, within thirty (30) days of the refusal, appeal the decision in writing to the Board of Trustees.

Within thirty (30) days of receipt of such an appeal, the Board of Trustees shall, in closed session with the student and the certificated employee who recorded the information in question, if any, and if the college presently employs such employee, determine to sustain or deny the allegations.

If the Board of Trustees sustains any or all of the allegations, it shall order the Superintendent/President or his designee to immediately correct or remove and destroy the information. The decision of the Board of Trustees shall be final. If the final decision of the Board of Trustees is unfavorable to the student, or if the student accepts an unfavorable decision by the Superintendent/President, the student shall have the right to submit a written statement of his objections to the information. This statement shall become a part of the student's records until such time as the information objected to is either corrected or removed.

Documentation Notice

Every effort is made to accurately record all student transactions. However, in case of an error in records, it is the student's responsibility to present receipts and official copies of other pertinent documents in order to obtain adjustments in college records. Students are urged to retain all receipts, registration statements, printed schedules, and other college documents in a safe place for future reference.

Family Educational Rights and Privacy Act (FERPA)

All student records of Mt. San Jacinto College are maintained in accordance with the provisions of the Family Educational Rights and Privacy Act of 1974. A copy of the complete text of this act is available in the college library (see "Family Educational and Privacy Rights" in Shepherd's Acts and Cases by Popular Names). The two basic elements of the act are the student's right to review and challenge their record and the conditions under which information in the record can be released to outside parties.

Further information about the federal regulation may be found at FERPA (<http://www.ed.gov/ferpa/>).

Annual Notification

Students will be notified of their Family Educational Rights and Privacy Act (FERPA) rights annually by publication in the college catalog.

Directory Information

Mt. San Jacinto College designates the name, participation in officially recognized activities and sports, weight, height and high school graduation of athletic team members, photographs and degrees/awards/honors received, including the President's Honor List, as directory information.

Unless the individual student files a written statement within the first two (2) weeks of each semester requesting that the directory information not be released, the college may make directory information available to various agencies, companies and people.

Student names and addresses may be provided to a private or public school or college. No private or public school or college shall use this information for other than purposes directly related to the academic or professional goals of the institution.

Directory information and other personal information may be given to appropriate persons in connection with an emergency if the knowledge of that information is necessary to protect the health or safety of a student or other persons.

The Solomon Amendment

Federal Statute (Public Law 104-208 and Public Law 104-206, commonly known as the Solomon Amendment) requires that Mt. San Jacinto College provide student directory information, (which includes name, address and telephone numbers) to the Department of Defense, including military recruiters, upon written request.

Custodians of Education Records

The following is a list of the types of records that the college maintains, their location and their custodians

Type	Location	Custodian
Admissions & Records	Enrollment Services	Dean, Enrollment Services
Academic Records	Enrollment Services	Dean, Enrollment Services
Cumulative Records	Enrollment Services	Dean, Enrollment Services
Financial Aid Records	Financial Aid Office	Director, Financial Aid
Financial Records	Business Services	Dean, Business Services
Disciplinary Records	Student Services	Director, Student Judicial Affairs

All records received for students become the property of Mt. San Jacinto College. No original record shall be given to a student.

Disclosure of Education Records

MSJC will disclose information from a student's education record only with the written consent of the student, except to:

- College officials who have a legitimate educational interest in the records;
 - A college official is:
 - A person employed by the college in an administrative, supervisory, academic, research or support staff position;
 - A person elected to the Board of Trustees; or
 - A person employed by or under contract to the college to perform a special task, such as the attorney or auditor.
 - A college official has a legitimate educational interest if the official is:
 - Performing a task that is specified in their position description or by a contract agreement;
 - Performing a task related to the student's education;
 - Performing a task related to the discipline of a student; or
 - Providing a service or benefit relating to the student or student's family, such as health care, counseling, job placement or financial aid.
- To officials of another school or college, upon request, in which a student seeks or intends to enroll;
- To certain officials of the U.S. Department of Education, the Controller General and state and local educational authorities, in connection with certain state or federally supported education programs;
- In connection with a student's request for, or receipt of financial aid, as necessary to determine the eligibility, amount or conditions of the financial aid, or to enforce the terms and conditions of the aid;
- To organizations conducting certain studies for, or on behalf of the college;
- To accrediting organizations to carry out their functions;
- To comply with a judicial order or a lawfully issued subpoena;
- To appropriate parties in a health or safety emergency.

Record of Request for Disclosure

MSJC will maintain a record of all requests for and/or disclosure of information from a student's education records. The record will indicate the name of the party making the request, any additional party to whom it may be disclosed and the legitimate interest the party had in requesting or obtaining the information. The record may be reviewed by the parents or eligible student.

GENERAL REGULATIONS

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- Attendance Requirements (p. 29)
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Knowing Your Responsibilities

MSJC provides you with a wide variety of academic and personal support, and we highly encourage you to take an active role in your educational and career journey by seeking out and using those resources and services.

Therefore, it's the college's expectation that students will remain informed, adhere to student code of conduct, and maintain abreast of regulations and policies that may impact student academic standing while at MSJC. This includes completing pre-requisites, satisfying degree and certificate requirements, found in this catalog, and meeting deadlines for submitting important documentation.

This catalog and other communication provided via your student email account, the schedule of classes, the course management system, and MSJC's announcements are essential for your successful completion at MSJC (<http://www.msjc.edu>).

Attendance Requirements

Students are expected to attend all classes in which they are enrolled. Experience demonstrates that regular attendance contributes to academic success. Absence interferes with learning and communication between instructor and student.

The instructor of a course is in the best position to judge the effect of any absence on the progress of a student in that course; hence, it is the instructor's prerogative to report excessive absence, to recommend

withdrawal or to drop a student from the course when, in the instructor's judgment, such absence has seriously interfered with learning.

Absence due to illness or absence due to participation in a college-sponsored activity certainly introduces the element of extenuating circumstance and presumably will be factors in the instructor's judgment.

Make-up work for absence of any kind must be completed to the satisfaction of the instructor. All instructors recognize the unavoidable nature of illness, and it is institutional policy to support and encourage student involvement in significant activities and experiences outside the classroom. Even so, no absence, whatever the reason, relieves the student of responsibility for completing all work assigned.

Each instructor will, through the course syllabus and the official course outline of record, establish the grading criteria; specify the written course of objectives and the standards for attendance in each class.

Attendance at First Class Meeting

It is extremely important for a student to attend the first class meeting after their registration. Instructors are authorized to drop students who do not appear for the first class meeting to make room for others who desire to take the class.

Unit of Credit

A unit of credit is approximately one (1) hour of class plus two (2) hours of study per week for lecture. For each hour of lecture/discussion, two (2) hours of preparation are assumed. Each laboratory unit requires three (3) hours of laboratory per week. Each Activity unit requires two (2) hours of class and one (1) hour of study per week. To receive credit, the student must be officially enrolled in the course. Students not officially enrolled by the proper date will not receive credit for the course, even if they complete all course work.

Final Examinations

No student may be excused from final examinations. Instructors will not ordinarily give final examinations at any time other than that regularly scheduled.

Special permission must be obtained from the instructor for an individual student to take final examinations at other than the regularly scheduled time.

Grading Policy

Academic Records Symbols and Grade-Point Average (GPA)

Evaluation symbols (grades) are issued in each course at the end of each semester and summer session. The unit of measure utilized at Mt. San Jacinto College is the semester unit.

Students must obtain their final grades online. Students may log in at Self-Service (<https://cssweb.msjc.edu/css/>). The college does not mail grades.

In the absence of mistake (to include clerical errors and errors made by an instructor in calculating a student's grade), fraud, incompetence or bad faith, the determination of the student's grade by the instructor shall be final. Final grades are recorded on a transcript, which is the student's official permanent record of all grades issued. Questions regarding final

grades of record should be addressed to the attention of the Enrollment Services Office. Evaluative grades are averaged on the basis of the point equivalencies to determine a student's grade-point-average. (**Note:** The symbol "P" is an evaluative symbol without grade points.) Non-evaluative symbols are not used in calculating grade point averages. Evaluative symbols and grade points are as follows:

Evaluative Grade	Symbols Definition	Grade Point Average
A	Excellent	4
B	Good	3
C	Satisfactory	2
D	Passing, less than satisfactory	1
F	Failing	0
P ¹	Pass (not counted in GPA)	
NP ²	No Pass (not counted in GPA)	
SP ³	Satisfactory Progress (Non-Credit only)	

- ¹ P grades reflect at least satisfactory performance. Units are awarded.
- ² NP grades reflect less than satisfactory or failing performance. No units are awarded.
- ³ SP grades reflect satisfactory progress but not enough to pass the course. This symbol is for non-credit courses only.

Non-Evaluative Symbols

Symbols	Definition	Grade Point Average
I	Incomplete	0
IP	In Progress	0
RD	Report Delayed	0
W	Withdrawal	0
MW	Military Withdrawal	0
EW	Excused Withdrawal	0

Calculation of Grade-Point Average

The quality of a student's work for one (1) semester is measured by their grade-point average. Their cumulative GPA indicates the quality of all work a student has completed at the college through one or more semesters.

In calculating students' degree applicable grade point averages, grades earned in non-degree credit courses shall not be included.

GPA is determined by:

- Multiplying the number of grade points equivalent to the letter grade received by the number of semester hours for that course
- Adding the grade points received in all courses during the semester
- Dividing the total number of grade points by the total number of semester hours attempted (See example)

Course	Grade	Grade Value	Semester Hours	Total Grade Points
ENGL-101	B	3	4	12
PSYC-101	A	4	3	12
MATH-140	C	2	3	6

BIOL-115	D	1	4	4
PE-112	A	4	1	4
			15	38

Divide the 38 grade points by the 15 semester hours attempted for a semester grade-point average of 2.53.

During graduation evaluation, the same process using all grades received for all degree applicable courses and all grades accepted from other regionally accredited colleges and universities determines the cumulative grade-point average for students earning the Associate in Arts or Associate in Science degree. Proficiency credit and CLEP earned at MSJC appear on a student's official transcript, but do not carry any grade value and, therefore, does not affect a student's grade-point average.

Non-Evaluative Symbols Definitions

I Incomplete: Incomplete academic work for unforeseeable emergency and justifiable reasons at the end of the term may result in an "I" symbol being entered in the student's record. In a written record, the instructor shall state the condition for removal of the "I." This record must be given to the student with a copy on file with the Enrollment Services Office until the "I" is made up or the time limit has passed. A final grade shall be assigned when the work stipulated has been completed and evaluated, or when the time limit for completing the work has passed.

The "I" may be made up no later than six (6) weeks within the subsequent term (excluding summer session) in which it was assigned. A student may petition for an extension of time due to unusual circumstances before the time limit has passed. The "I" symbol shall not be used in calculating units attempted or for grade points.

IP In Progress: The "IP" symbol shall be used to denote that the class is scheduled to extend beyond the normal end of an academic term. It indicates that work is "in progress" but that assignment of a substantive grade must await its completion. The "IP" symbol shall remain on the student's record for the term in which the course is completed. The "IP" shall not be used in calculating grade-point averages.

RD Report Delayed: Only the Director of Enrollment Services may assign the "RD" symbol. It is to be used when there is a delay in reporting the grade of a student due to circumstances beyond the control of the student. It is a temporary notation to be replaced by a permanent symbol as soon as possible. "RD" shall not be used in calculating grade-point averages.

NOTE: On rare occasions, circumstances beyond the control of Mt. San Jacinto College require that grade reports be issued before some grades are entered. While every effort is made to avoid this situation, there are times when it is unavoidable.

W Withdrawal: The "W" symbol shall be used to denote withdrawal from a class. The grade indicates that the course has been removed from the student's program of study without credit and is not included in the grade point computation.

No notation of "W" or other grade or course entry shall be made on the academic record of the student who withdraws prior to the census date. The census date in a seventeen (17) week term is Monday of the third (3rd) week of instruction. The census date in an eighteen (18) week term is Monday of the fourth (4th) week of instruction. Additionally, no notation of "W" shall be made on the academic record of the student who withdraws during the summer session and/or short-term class(es) prior to twenty percent (20%) of the course. The "W" shall not be used in

calculating grade-point averages. However, units attempted for which “W” is recorded shall be considered in probation and dismissal procedures.

EW Excused Withdrawal: Occurs when a student is permitted to withdraw from a course(s) due to specific events beyond the control of the student affecting their ability to complete a course(s). Upon verification of these conditions and documentation substantiating the condition, an “EW” symbol will be assigned. Excused withdrawals shall not be counted in progress probation and dismissal calculations or counted as an enrollment attempt.

MW Military Withdrawal: Occurs when a student who is a member of an active or reserve United States military service receives orders compelling a withdrawal from courses. Upon verification of such orders, a “MW” symbol will be assigned. Military withdrawals shall not be counted in progress probation and dismissal calculations or counted as an enrollment attempt.

Petition to Withdraw

Students who have verifiable extenuating circumstances beyond their control, may petition for an excused withdrawal from a course(s) as of the census date of the course(s) and no later than three (3) years after the award of the initial grade and receive an “EW” grade. This may be done by completing a Petition for Excused Withdrawal with supportive documentation attached. The instructor of each course during the semester/term must be consulted regarding the withdrawal. Once the form is completed, attach the required documentation to support the request, i.e. verification from medical provider, hospital records, etc., and secure the signature of the instructor(s). The form should be submitted in its entirety to Enrollment Services for the Dean or Director to review. Extenuating circumstances may be severe illness, hospitalization, relocation, death of a family member or incarceration.

Grade Change Policy

In any course of instruction for which grades are awarded, the instructor of the course shall determine the grade to be awarded in accordance with the above-stated grading system. The determination of the student’s grade by the instructor shall be final in the absence of mistake, fraud, bad faith or incompetency. The instructor of record may correct grades given in error. All grade changes must take place within three (3) years of initial award of grade.

Pass/No Pass

Mt. San Jacinto College shall authorize a maximum of twelve (12) pass/no pass units for students to meet college degree and/or certificate requirements.

A “pass” symbol is defined as a grade of “C” (satisfactory) or better. Attendance requirements are the same for students taking the course for “pass/no pass” as those taking the course for a letter grade. The assignments made for students taking the course for “pass/no pass” are the same assignments made for those taking the course for a letter grade.

Students electing this option must file an **Application for Pass/No Pass** in the Enrollment Services Office by the end of the fifth (5th) week of a full-term semester or by the end of the first thirty percent (30%) of a short-term course.

Although “pass/no pass” grades are allowed in all designated courses, students should be aware that transfer institutions may not accept courses for transfer taken in a student’s major for which a grade of “P”

has been earned. Units earned on a “pass/no pass” basis shall not be used to calculate grade-point averages. However, units attempted for which “NP” is recorded shall be considered in probation and dismissal procedures.

Limitations of Basic Skills and ESL Credit

Students enrolled in basic skills courses may earn up to thirty (30) units of pass/no pass units. Students enrolled in English as a second language courses and students identified by the district as having a learning disability are exempt from the thirty-unit limitation.

Academic Standing

A student who is in good academic standing is one who has a cumulative GPA of 2.0 (C) or higher.

Standards for Probation

Academic Probation

A student who has attempted at least twelve (12) semester units as shown by the official academic record shall be placed on academic probation if the student has earned a grade-point average of below 2.0 (C) in all units that were graded on the basis of the grading scale.

A student who has two (2) consecutive terms with an earned grade-point average of below 2.0 (C) and are placed on Academic Probation Level Two (2) may have a hold placed on their registration. The student will need to attend an Academic Success Workshop in its entirety to have the registration hold released; however, the student will remain on Academic Probation Level Two (2) until the requirement is met for removal of probation.

Progress Probation

A student who has enrolled in a total of at least twelve (12) semester units as shown by the official academic record shall be placed on progress probation when the percentage of all units in which a student has enrolled and for which entries of “W,” “I,” “NC” and “NP” are recorded reaches or exceeds fifty percent (50%). While on probation, the college will make every reasonable effort to provide counseling and other support services to a student on probation to help the student overcome any academic difficulties. This assistance may include the regulation of the student’s study load in accordance with the demonstrated aptitudes and achievements.

A student who has two (2) consecutive terms when the percentage of all units in which a student has enrolled and for which entries of “W,” “I,” “NC” and “NP” are recorded reaches or exceeds fifty percent (50%) and are placed on Progress Probation Level Two (2) may have a hold placed on their registration. The student will need to attend an Academic Success Workshop in its entirety to have the registration hold released; however, the student will remain on Progress Probation Level Two (2) until the requirement is met for removal of probation.

Students receiving financial assistance are also subject to additional satisfactory academic progress requirements.

Removal from Probation

A student on academic probation for a grade point deficiency shall be removed from probation when the student’s accumulated grade-point average is 2.0 (C) or higher.

A student on progress probation because of an excess of units where entries of "W," "I," "NC" and "NP" are recorded shall be removed from probation when the percentage of units in this category drops below fifty percent (50%).

Standards for Dismissal

Academic Dismissal

A student on Academic Probation is subject to dismissal when the student earns a cumulative grade point average of less than 1.75 in all units attempted in three (3) consecutive semesters.

Progress Dismissal

A student on Progress Probation is subject to dismissal if the cumulative percentage of units in which the student has been enrolled for which entries of "W," "I," "NC" and "NP" are reported in at least three (3) consecutive semesters reaches or exceeds fifty percent (50%).

Dismissal Period

A student may be required to remain out of college one semester, excluding the summer term, but may return on probationary status after one semester's absence.

Appeal Option

A dismissed student may submit an appeal to Enrollment Services for permission to enroll without loss of one (1) semester if the student feels that the cause for the dismissal reflects extenuating circumstances. The burden of written documentation in support of these circumstances remains with the student.

Exceptions

A student may submit a petition to Enrollment Services for readmission following dismissal if their dismissal arises from one (1) of the following:

1. Extenuating circumstances are verified cases of accident, illness, or other personal circumstances.
2. Conditions that may be rectified by a change of curriculum.
3. Military service obligations; student must provide military orders.

Academic Renewal Regulations

The Academic Renewal Procedure (55046 California Code of Regulations Title 5) permits the alleviation of a student's previously recorded substandard academic performance which is not reflective of the student's present demonstrated ability and level of performance. As a consequence, Academic Renewal may gain for students the benefits of their current level of ability and performance and not permanently penalize them for poor performance in the past.

Therefore, within the regulations listed, Mt. San Jacinto College may disregard particular previously recorded substandard work from a student's cumulative grade point average (GPA). The regulations for course alleviation follow:

1. Up to eighteen (18) units may be alleviated from a Mt. San Jacinto College transcript; however, units taken from another college(s) will not be alleviated.
2. Units alleviated may be requested for one or multiple academic terms in any combination.

3. A minimum of twelve (12) months must have elapsed since the most recent coursework to be alleviated was recorded.
4. A minimum of twelve (12) units must be completed at any accredited college or university, with a grade point average of 2.0 (C) in all units since the last semester of requested renewal. Official transcripts are required for units completed at another institution.
5. Courses used in the major in awarding an Associate Degree cannot be alleviated.
6. A student may be granted academic renewal only once and is irreversible once posted to the transcript. Units alleviated will remain on the transcript and will be annotated appropriately but will not be calculated into the overall grade point average.
7. Academic renewal by Mt. San Jacinto College does not guarantee that other institutions outside the District will approve such action. This determination will be made by the respective transfer institutions.
8. All alleviated unit totals will count as attempted units for financial aid purposes.
9. Only substandard grades (D, F, NC and NP) can be alleviated.
10. Academic Renewal may be accomplished by submitting a petition to the Enrollment Services office.

No part of the regulations and procedures shall conflict with (a) Education Code, Section 76224, pertaining to the finality of grades assigned by instructors, and (b) Chapter 2.5 of Division of Title 5 (commencing with section 59020), pertaining to the retention and destruction of records, and particularly section 59023 (c) relating to the permanency of certain student records.

Course Repetition and Withdrawal

Students who have been awarded any of the following grade symbols "D," "F," "NC," "NP" or "W" will only be allowed to repeat the same course twice, for a total maximum enrollment of three times. Military Withdrawals "MW" and Excused Withdrawals "EW" are excluded from this limitation. Withdrawals resulting in no notation of a "W" grade are allowed within the first twenty percent (20%) of a course. In cases where extenuating circumstance exist, students may file a Petition to Repeat the course one additional time (whether the prior enrollment resulted in a substandard grade or passing grade. **Petition to Repeat** forms can be obtained and submitted to the Enrollment Services Office. Extenuating circumstances are defined as verified accidents, illnesses or other circumstances beyond the control of the student. Students will be required to attach documentation to their petition to substantiate the request, such as letters from hospitals, physicians, law enforcement agencies, attorneys, etc. When course repetition is approved pursuant to this provision, the previous grade and credit earned (if any) shall be disregarded in computing the student's grade point average each time the course is repeated. When academic forgiveness is applied to a course, the course is still counted toward the maximum enrollment limitation. The student's permanent academic record shall be annotated in such a manner that all course work remains legible, insuring a complete and true academic history. Participation in an intervention program may be required.

Equivalent Courses to Alleviate Substandard Grades

Students may replace an unsatisfactory grade by repeating a course that has been revised in one of two ways: (a) the units of the revised course must be more than the units of the previous course; or (b) the units of

the revised course must be one unit less than the units of the previous course. If the units of the revised course are two (2) or more units less than those of the previous course, then the student may not replace the unsatisfactory grade.

Repeatable Courses

The following types of courses may be designated as repeatable courses and are identified in the catalog's course descriptions:

- Intercollegiate academic or vocational competition courses (Section 55002)
- Intercollegiate athletic courses (Section 55000)
 - Identified in the program pages of the catalog
- Courses for which repetition is necessary to meet the major requirements of CSU or UC for completion of a bachelor's degree
 - Identified in the program pages of the catalog.

Limitation on Enrollment within Related-Content Groups (refer to program pages for specific related-content groups information): Courses which are "active participatory courses" (Title 5, Section 55000) and courses which are in "Physical Education, Visual Arts, or Performing Arts" (Title 5, Section 55040) shall be placed in related-content groups to be designated by discipline faculty and approved by the Curriculum Committee. Per Title 5, Section 55040(c) a student may enroll in "related active participatory courses [aka a related-content group]....for no more than four (4) semesters or six (6) quarters. This limitation applies even if a student receives a substandard grade during one or more of the enrollments in such a course or petitions for repetition due to special circumstances as provided in section 55045."

Instances where a course is repeatable to the individual student include the following and require the student to submit a **Petition to Repeat** to Enrollment Services with justifiable documentation:

- Special courses for students with disabilities (Section 55040(b)(7), Section 56029)
- Courses required for legally mandated training (Section 55040(b)(8), Section 55000)
- Courses necessary for employment or licensure due to significant change in industry or licensure standards (Section 55040(9))
- Courses that are Occupational Internships (up to a total of 16 units of credit) (Section 55040(b)(6), Section 55253).

When a course is repeated pursuant to this section, the grade received each time shall be included for purposes of calculating the student's grade point average. All attempts, including "W" and substandard grades will count toward the enrollment limitation. When repetition occurs, the student's permanent academic record shall be annotated in such a manner that all course work remains legible, insuring a complete and true academic history.

Procedures for Repetition – Significant Lapse of Time

Students may be permitted or required to repeat courses in which a "C" or better grade was earned where there was a significant lapse of time since the grade was obtained and:

- An institution of higher education to which a student wishes to transfer has established a recency requirement that the student cannot satisfy without repeating the course;

- The student has submitted a **Petition to Repeat** to Enrollment Services with documentation of a recency prerequisite.

When a student needs to repeat an activity course due to a significant lapse of time, each repetition attempt will be counted toward the established repetition limits. However, if a student has already exhausted the number of permitted repetitions, then an additional repetition due to significant lapse of time **may** be permitted.

When a course is repeated due to a significant lapse of time, the District shall disregard the previous grade and credit when computing a student's grade point average.

Honors

Graduation Honors

"With distinction" is accorded those MSJC graduates whose degree applicable cumulative grade-point average is 3.5 or higher in all college work attempted. These graduates wear a gold tassel during commencement.

The names of the candidates for graduation and their GPA group designation will be published in the commencement program.

President's Honors List

The Vice President of Student Services recognizes each semester's outstanding scholars by publishing a list of those who carried twelve (12) or more units of work the previous semester and whose grade-point average is 3.5 or better in all courses attempted. The Superintendent/President then commends each scholar in a written letter and provides a list to the Board of Trustees at a regularly scheduled meeting. Graduates may be on this list independently of qualifying for "with distinction."

Policy for Earning College Credit

- Credit for Prior Learning (p. 34)
 - Advanced Placement (AP) (p. 35)
 - International Baccalaureate (IB) (p. 42)
 - College Level Examination Program (CLEP) (p. 44)
 - Credit by Exam (p. 47)
 - Military Articulation (p. 47)
 - Exams Administered by Other Agencies (p. 47)
 - Industry Recognized Credentials (p. 48)
 - Student Portfolios (p. 48)
- Reciprocity - Course Substitution (p. 33)
- Academic Standards Petition (p. 48)

Reciprocity - Course Substitution

Transcripted coursework from regionally accredited colleges and universities may be recognized by Mt. San Jacinto College. A combined maximum of 30 semester units of credit and up to 40 units by petition for special circumstances may be recognized by MSJC as elective credit unless evaluated to meet other requirements at MSJC or for transfer if allowed. MSJC enforces the completion of a 12 units of credit minimum for residency. These 12 units of credit must be taken at MSJC and must be on the transcript prior to any other credit being posted. Evaluation of other transcripts can occur without residency at MSJC.

The district shall permit the waiver or substitution of courses required for completion of an associate in arts or associate in science degree or a program certificate, providing the district does not offer the required course on a regular basis and the student passes a comparable course at MSJC; or providing the student submits evidence that a course taken at another college with acceptable regional accreditation is comparable to the course required at MSJC or has the same C-ID approved status or alternative approval on an Associate Degree for Transfer degree.

MSJC accepts coursework from the following:

- A. Regionally Accredited colleges and universities – California
 1. Western Association of Schools and Colleges, Accrediting Commission for Community and Junior Colleges
 2. Western Association of Schools and Colleges, Accrediting Commission for Senior Colleges and Universities.
- B. Regionally Accredited colleges and universities – Out-of-State
 1. Southern Association of Colleges and Schools, Commission on Colleges
 2. Northwest Commission on Colleges and Universities
 3. North Central Association of Colleges and Schools, The Higher Learning Commission
 4. New England Association of Schools and Colleges, Commission on Institutions of Higher Education
 5. Middle States Commission on Higher Education.

Upper Division Coursework

Upper division coursework will be recognized by MSJC after the 12 unit residency has been met at MSJC according to the following:

1. An awarded BA/BS degree from a U.S. Regionally Accredited institution will waive all local General Education requirements (A – H) using Option A at MSJC. MSJC will evaluate as much coursework as acceptable via CSU and UC guidelines for CSU GE Breadth and IGETC to allow for an Associates Degree or an Associates Degree for Transfer to be awarded at MSJC using Options B and C. Because a student would be considered a 2nd baccalaureate candidate at CSU or UC, many if not most universities would admit on an individual basis only and all Associates Degree or Associates Degree for Transfer benefits from a California Community College will not be guaranteed
2. If there is a question on the difference, a student must petition with backup documentation justifying why an Associates Degree or Associates Degree for Transfer degree is required. Unless otherwise stated, this requirement is for licensing requirements/regulations or employment or change of degree.

Foreign Transcripts

Foreign Transcripts with official evaluations from a NACES member organization will be evaluated and used to clear equivalent course content or general education requirements according to the following:

1. A current list of approved foreign transcript evaluation agencies may be obtained in Enrollment Services. Students must provide all resources and reports regarding these transcripts in order for MSJC to evaluate and award credit. 30 semester units of credit, and up to 40 units by petition.

Non-Regional Accredited Colleges and Universities

These types of colleges, traditionally trade/technical schools, must have National Accreditation with CHEA (Council for Higher Education Accreditation) and DOE (Department of Education) approvals

1. MSJC may accept a limited number of courses from non-regionally accredited institution. This is only a policy accepted at MSJC and may not be transferred to any other institution in California

2. Up to three courses with a maximum of 9 semester units of credit for Career Education comparable course content only as determined by MSJC Departmental faculty or Administration. Course content will be used in lieu of MSJC course content, credit and units will not be attached to an MSJC course, these courses will not be posted to the MSJC transcript nor will these courses be used for transfer units unless an MSJC Credit-by-Examination is successfully completed.

Notes about Course Reciprocity and Course Substitution

MSJC cannot grant a course waiver or course substitution that is inconsistent with Education Code or Title 5 regulations nor can it ensure that a substitution granted by the college will be accepted by another institution. A student who believes that he/she has a legitimate request for a course waiver or substitution for a degree or certificate shall follow the process as set forth in the administrative procedure. Reference: Title 5, Sections 55606, 55808

In the interest of best serving students and establishing an efficient transfer route, the Academic Senate for California Community Colleges (ASCCC) encourages colleges to apply courses successfully completed as part of an ADT aligned degree at one college for requirements within their own degrees to the greatest extent deemed possible and reasonable (See ASCCC resolution 15.01 Spring 2011). While course substitution decisions remain a matter of local control, students often earn credit at multiple colleges during the course of their academic careers. The ASCCC strongly urges community colleges to establish policies to allow and encourage acceptance of the courses students have taken at other colleges. Where the substitution does not involve deeming two courses comparable, substitution decisions must be informed by the judgment of discipline faculty.

Credit for Prior Learning

Mt. San Jacinto College Credit for Prior Learning Policy

Students may demonstrate proficiency in a course eligible for Credit for Prior Learning and receive college credit through the approved alternative methods for awarding credit listed below:

- Achievement of a satisfactory score on an Advanced Placement (AP) examination
- Achievement of a satisfactory score on a high-level International Baccalaureate (IB) examination
- Achievement of a satisfactory score on the College Level Examination Program (CLEP)
- Evaluation of Joint Service Transcripts (JST)/Military Articulation
- Achievement of an examination administered by other agencies approved by the district
- Evaluation of industry-recognized credential documentation
- Evaluation of student-created portfolios
- Satisfactory completion of an institutional examination, known as Credit by Examination, administered by the college in lieu of completion of an active course listed in the current college catalog

For additional information regarding each Credit for Prior Learning option, refer to subsequent catalog pages.

Determination of Eligibility for Credit for Prior Learning

- The student must be in good standing in the district
- The student must have previously earned credit or noncredit from the district or be currently registered in the district
- Current students must have an education plan on file
- The course is listed in the current college catalog
- The student is not currently enrolled in the course to be challenged
- The student has not previously received a substandard grade in that course at MSJC
- Credit by Examination: The student is registered in the district and not currently enrolled in nor received credit for a more advanced course in the same subject (may be waived by department)

Limitations with respect to Credit for Prior Learning

- Credits acquired by examination are not applicable to meeting of such unit load requirements as Selective Service deferment, Veterans, or Social Security benefits
- Credits acquired by examination shall not be counted in determining the 12 semester hours of credit in residence required for an associate's degree
- Credit for Prior Learning for high school tech prep is limited to 9 units applicable to a specific Certificate or Associate degree [in AP 4235]
- Students intending to transfer should be aware that the UC system allows a maximum of 14 semester units graded "Pass/No Pass" (Credit/No Credit) basis of the 60 transferable semester units required for admission
- There is no system-wide policy for CSU campuses. Therefore, each campus has established its own policy on limitations of courses transferred with grades of "Credit/Pass"

Prior Learning Assessment Grading Policy

- Grading shall be according to the regular grading system in accordance with AP 4230 (Grading and Academic Record Symbols)
- Students shall be offered a "Pass/No Pass" option, in accordance with AP 4232 (Pass No Pass), as long as that option is ordinarily available for the course
- Students shall be given the opportunity to accept, decline, or appeal the grade assigned by the faculty, pursuant to AP 4230 (Grading and Academic Record Symbols) and AP 4231 (Grade Change)
- Some Credit-by-exam high school tech prep courses have been deemed eligible for a letter grade by discipline faculty per AP 4235
- Per AP 4230, units assigned a "Pass" or "No Pass" will not be counted in the student's GPA

Transcription of Credit for Prior Learning

The student's academic record shall be clearly annotated to reflect that credit was earned by assessment of prior learning.

Policy for Awarding Credit for Prior Learning

Students can petition to obtain credit for prior learning by completing the Credit for Prior Learning Petition Form and submitting it to the Enrollment Services Office. Additional documentation may be required. In those instances where Credit for Prior Learning has already been established for a course, student will be notified of credit for prior learning for which he or she is eligible. If student elects to accept the credit, it will be posted on the MSJC transcript per information above.

MSJC enforces the completion of a 12 units of credit minimum for residency and these 12 units of credit must be taken at MSJC and must

be on the transcript prior to any other credit being posted. Evaluation of other transcripts can occur without residency at MSJC.

Advanced Placement (AP)

Students requesting Credit for Prior Learning using Advanced Placement (AP) shall receive credit for completing a satisfactory score on an advanced placement exam offered by the College Board per the following policy:

- AP test scores of 3, 4 or 5 are considered satisfactory for earning college credit. No credit will be given for scores of 1 or 2.
- AP credit can be used to certify general education requirements for transfer to the California State University and University of California under the Intersegmental General Education Transfer Curriculum (IGETC) where faculty recognize the equivalency between the AP exam and CSU General Education Breadth pattern approved by CSU faculty, and our IGETC approved courses (as listed on the AP Table in the MSJC catalog).
- AP credit units granted at MSJC do not necessarily transfer to other colleges and universities. The transferability of AP credit outside of MSJC is determined by each four-year college or university according to their policies. For further information, please refer to each college or university's own catalog.
- Students will not be given duplicate credit for college courses and exams.
- Students must submit a copy of their AP test scores to the Enrollment Services Office. Exams and courses for which AP credit is granted will be posted on the student's transcript.
- AP credit can be used to meet MSJC graduation requirements for AA and AS degrees.
- MSJC enforces the completion of a 12 units of credit minimum for residency and these 12 units of credit must be taken at MSJC and must be on the transcript prior to any other credit being posted. Evaluation of other transcripts can occur without residency at MSJC.

Detailed CSU and UC acceptance and charts are updated yearly and added to the MSJC catalog.

Advanced Placement Examinations for California State University General Education-Breadth Certification

Per CSU General Education Advisory Committee: Beginning Fall 1997 term and beyond, all institutions participating in General Education-Breadth Certification may treat the AP examinations on the list below as though they were incorporated in the institutions' own General Education-Breadth Certification list.

The following Advanced Placement examinations may be incorporated into certification of completion of CSU General Education-Breadth requirements by any participating institution. Students must have scored 3, 4, or 5 on an Advanced Placement examination listed below to receive the credit indicated. All CSU campuses will accept the minimum units shown below toward fulfillment of the designated General Education-Breadth area if the examination is included in a full or subject-area certification; individual CSU campuses may choose to accept more units than those specified below towards completion of General Education-Breadth requirements. The CSU campus to which the student is transferring determines the total number of units awarded for successful completion of an Advanced Placement examination and

the applicability of the examination to other graduation requirements or major preparation.

CSU NOTES: Individual CSU campuses may grant more credit for AP exams.

AP Studio Art examination is not approved for CSU GE Breadth certification.

AP examination will not be accepted to fulfill the Area A3 (Critical Thinking) requirement.

AP Government & Politics: U.S. does not meet the CSU California State and Local Government requirement for graduation.

AP U. S. History will meet the CSU U.S. History requirement for graduation.

If a student passes more than one AP Calculus exam or AP Computer Science exam, only one may be applied to the degree.

If a student passes more than one AP Physics exam, only six units can be applied to the degree, and only four units may be applied to general education certification.

Course	Title	Credits
Art History		
Art History		6 semester units
Biology		
Biology		6 semester units
Chemistry		
Chemistry		6 semester units
Computer Science		
Computer Science A		3 semester units
Computer Science AB		6 semester units
Computer Science Principles		6 semester units
Economics		
Macroeconomics		3 semester units
Microeconomics		3 semester units
English		
Language and Composition		6 semester units
Literature and Composition		6 semester units

Environmental Science

Environmental Science	4 semester units
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Government and Politics

Comparative	3 semester units
United States Government and Politics	3 semester units

History

European History	6 semester units
United States History	6 semester units
World History- Modern	3 semester units

Geography

Human Geography	3 semester units
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Language Other Than English

Chinese Language and Culture	6 semester units
French Language and Culture	6 semester units
German Language and Culture	6 semester units
Italian Language and Culture	6 semester units
Japanese Language and Culture	6 semester units
Latin	6 semester units
Spanish Language and Literature	6 semester units
Spanish Literature and Culture	6 semester units

Mathematics

Calculus AB	3 semester units
Calculus BC	6 semester units

Statistics	3
	semester units
Physics	
Physics 1	4
	semester units
Physics 2	4
	semester units
Physics C: Electricity and Magnetism	4
	semester units
Physics C: Mechanics	
Psychology	
Psychology	3
	semester units
Studio Arts	
2-D Design Portfolio	3
	semester units
3-D Design Portfolio	3
	semester units
Drawing	3
	semester units

For information on how AP exams can be applied to CSUGE or IGETC requirements see the MSJC Advanced Placement Exam Table.

Advanced Placement Examinations for the University of California System

The University of California grants credit for all College Board Advanced Placement Tests in which a student scores 3, 4 or 5. The credit may be subject credit, graduation credit or credit toward general education or breadth requirements, as determined by evaluators at each UC campus.

The units granted for AP tests are not counted toward the maximum number of credits required for formal declaration of an undergraduate major or the maximum number of units a student may accumulate prior to graduation from the University.

Students who enter the University with AP credit do not have to declare a major earlier than other students, nor are they required to graduate earlier.

Counselors should advise students that the College Board reports all AP test results to the University and students may not choose which test scores they wish reported.

Students should be aware that college courses taken prior to or after enrolling at the University may duplicate the content of AP examinations. In these cases, the University may not award credit for both the course and the AP exam.

Credit awarded for Advanced Placement tests is described by campus (see appropriate UC catalog). Even if subject credit or credit toward specific requirements is not mentioned in the campus lists, students receive University credit as described above for all AP tests on which they score 3 or higher. The unit maximums noted in the box for subjects

with more than one examination applies in all schools and colleges at all campuses.

UC NOTES: All AP exams are reevaluated by the UC at time of application for acceptance into majors.

A maximum of 5.3 semester/8 quarter units is allowed in each of the following Art (Studio) Exams: 2-D Design; 3-D Design; Drawing.

A maximum of 5.3 semester/8 quarter units is allowed in each of the following English Exams: Language and Composition; Literature and Composition.

A maximum of 5.3 semester/8 quarter units is allowed in each of the following Mathematics Exams: Calculus AB; Calculus BC.

A maximum of 5.3 semester/8 quarter units is allowed in each of the following Physics Exams: Physics 1; Physics 2; Physics C Mechanics; Physics C Electricity and Magnetism

AB subscore on Calculus BC examination

- Students who take the Calculus BC examination and earn a subscore of 3 or higher on the Calculus AB portion will receive credit for the Calculus AB examination, even if they do not receive a score of 3 or higher on the BC examination (note that the maximum credit awarded is 5.33 semester or 8 quarter units).

Duplication with college courses

- Students should be advised that college courses taken before or after attending UC may duplicate AP, IB and/or A-Level examinations. Additionally, exams may duplicate each other (for example, an AP or IB exam in the same subject area).
- If the student does duplicate an exam with another exam of the same subject content, and/or an exam with a college course, we will award credit only once.

Subject	Score
Art, Studio	2-D Design: 8 ¹
	3-D Design: 8 ¹
	Drawing: 8 ¹
Art History (UC-H)	5.3 semester 8 quarter
Biology (UC-S)	5.3 semester 8 quarter
Chemistry (UC-S)	5.3 semester 8 quarter
Computer Science	Computer Science A: 1.3 semester 2 quarter ³
	Computer Science: 5.3 semester 8 quarter ³
	Computer Science Principles: 5.3 semester 8 quarter ³
Economics (UC-B)	Microeconomics: 2.6 semester 4 quarter
	Macroeconomics: 2.6 semester 4 quarter
English	Language and Composition (UC-E): 5.3 semester 8 quarter ⁴
	Literature and Composition (UC-E/H): 5.3 semester 8 quarter ⁴
Environmental Science (UC-S)	2.6 semester 4 quarter

Government and Politics (UC-B)	United States: 2.6 semester 4 quarter		Japanese Language and Culture: 5.3 semester 8 quarter
	Comparative: 2.6 semester 4 quarter		Spanish Language and Culture: 5.3 semester 8 quarter
History (UC-B/H)	United States History: 5.3 semester 8 quarter		Spanish Literature and Culture: 5.3 semester 8 quarter
	European History: 5.3 semester 8 quarter	Mathematics (UC-M)	Calculus AB: 4 ²
	World History: 5.3 semester 8 quarter		Calculus BC: 5.3 semester 8 quarter ²
Human Geography (UC-B)	2.6 semester 4 quarter	Music Theory (UC-H)	5.3 semester 8 quarter
Language Other than English (UC-H)	Chinese Language and Culture: 5.3 semester 8 quarter	Physics (UC-S)	Physics B: 5.3 semester 8 quarter ^{5,6}
	French Language and Culture: 5.3 semester 8 quarter		Physics 1: 5.3 semester 8 quarter ^{5,6}
	German Language and Culture: 5.3 semester 8 quarter		Physics 2: 5.3 semester 8 quarter ^{5,6}
	Italian Language and Culture: 5.3 semester 8 quarter		Physics C Mechanics: 2.6 semester 4 quarter ^{5,6}
	Latin: 5.3 semester 8 quarter		Physics C Electricity and Magnetism: 2.6 semester 4 quarter ^{5,6}
		Psychology (UC-B)	2.6 semester 4 quarter
		Statistics (UC-M)	2.6 semester 4 quarter

¹ UC unit limitation for Art (Studio) AP Exams 8 quarter/5.3 semester units

² **Calculus AB Subscore on BC exam:** Students who take the Calculus BC examination and earn a subscore of 3 or higher on the Calculus AB portion will receive 4 quarter/2.7 semester units for the Calculus AB examination, even if they do not receive a score of 3 or higher on the BC examination (maximum credit awarded for both exams is 8 quarter/5.3 semester units from UC and 6 semester from CSU)

³ Computer Science A: 2 semester 3 quarter units (students entering UC prior to fall 2018)

Computer Science A: 5.3 semester 8 quarter units (students entering UC fall 2018 and after)

Computer Science Principles: 5.3 semester 8 quarter units

⁴ Maximum credit for **one** AP English exam may be used toward transfer and maximum 6 semester/9 quarter units can be applied towards general education.

⁵ Physics 1 and Physics 2 AP exams were replaced Physics B in 2015.

⁶ Maximum UC transfer credit for ALL Physics exams is 5.3 semester/8 quarter units.

Advanced Placement (AP) Exam Table

Advanced Placement (AP) Exam	Mt. San Jacinto College Associate Degree (elective, GE& major units)	CSU GE Breadth	CSU Units Earned Toward Transfer	IGETC	US Units Earned Toward Transfer
Art History	Score of 3, 4 or 5: ART-101 & ART-102 Area C 6 units	Area C1 or C2 3 semester units	6 semester units	Area 3A or 3B 3 semester units	8 quarter/5.3 semester units
Art Studio Drawing Portfolio	Score of 3, 4 or 5: ART-108 Area C 3 units	N/A	3 semester units	N/A	8 quarter/5.3 Art Studio semester units
Art Studio 2-D Design Portfolio	Score of 3, 4 or 5: ART-120 Area C 3 units	N/A	3 semester units	N/A	8 quarter/5.3 Art Studio semester units
Art Studio 3-D Design Portfolio	Score of 3, 4 or 5: ART-122 Area C 3 units	N/A	3 semester units	N/A	8 quarter/5.3 Art Studio semester units
Biology	Score of 3, 4 or 5: BIOL-115 Area A 4 units	Area B2 and B3 4 semester units	6 semester units	Area 5B and 5C 4 semester units	8 quarter/5.3 semester units
Calculus AB¹	Score of 3, 4 or 5: MATH-211 Area G 3 units	Area B4 3 semester units	3 semester units Only 1 AP Calculus Exam and 1 AP Computer Science Exam may be used for transfer	Area 2A 3 semester units	4 quarter/2.7 semester units
Calculus BC¹	Score of 3, 4 or 5: MATH-211 and MATH-212 Area G 3 units Elective 3 units	Area B4 3 semester units	6 semester units Only 1 AP Calculus Exam and 1 AP Computer Science Exam may be used for transfer	Area 2A 3 semester units	8 quarter/5.3 semester units
Chemistry	Score of 3, 4 or 5: CHEM-100 Area A 4 units	Areas B1 and B3 4 semester units	4 semester units	Area 5A and 5C 4 semester units	8 quarter/5.3 semester units
Chinese Language and Culture	Score of 3, 4 or 5: Area C 6 units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/5.3 semester units
Computer Science A	Score of 3, 4 or 5: 3 elective units	N/A	3 semester units	N/A	2 quarter/1.3 semester units
Computer Science AB	Score of 3, 4 or 5: 3 elective units	N/A	6 semester units	N/A	N/A
Computer Science Principles¹	Score of 3, 4 or 5: Area G 3 units Elective 3 units	Area B4 3 semester units	6 semester units Only 1 AP Computer Science Exam or Calculus Exam may be used for transfer	N/A	8 quarter/ 5.3 semester units
Economics - Microeconomics	Score of 3, 4 or 5: ECON-202 Area B2 3 units	Area D2 3 semester units	3 semester units	Area 4B 3 semester units	4 quarter/2.7 semester units
Economics - Macroeconomics	Score of 3, 4 or 5: ECON-201 Area B2 3 units	Area D2 3 semester units	3 semester units	Area 4B 3 semester units	4 quarter/2.7 semester units
English Language and Composition	Score of 3, 4 or 5: ENGL-101 Area D1 3 or 4 units Elective 2 or 3 units 6 units maximum credit for 1 AP English exam	Area A2 3 semester units	6 semester units Maximum credit for 1 AP English exam may be used toward transfer	Area 1A 3 semester units	8 quarter/5.3 semester units

English Literature and Composition	Score of 3, 4 or 5: ENGL-101 + elective Area D1 3 or 4 units Area C 2 or 3 units 6 units maximum credit for 1 AP English exam	Area A2 & C2 6 semester units	6 semester units Maximum credit for 1 AP English exam may be used toward transfer	Area 1A or 3B 3 semester units	8 quarter/5.3 semester units Maximum credit for 1 AP English exam may be used toward transfer
Environmental Science ²	Score of 3, 4 or 5: ENVS-101 & ENVS-102 Area A 4 units	Area B1 and B3 4 units	4 semester units	Area 5A and 5C 3 semester units	4 quarter/2.6 semester units
French Language and Culture	Score of 3, 4 or 5: FREN-101 & FREN-102 Area C 8 units Clear prerequisite for FREN-201	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/5.3 semester units
German Language and Culture	Score of 3, 4 or 5: 6 units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/5.3 semester units
Government & Politics - Comparative	Score of 3, 4 or 5: PS-102 Area B2 3 units	Area D8 3 semester units	3 semester units	Area 4H 3 semester units	4 quarter/2.7 semester units
Government & Politics – United States	Score of 3, 4 or 5: PS-101 Area D1 3 units Does not fulfill California Govt. Requirement	Area D8 & US -2 3 semester units Does not fulfill California Govt. Requirement	3 semester units	Area 4H and US 3 semester units	4 quarter/2.7 semester units
History – European	Score of 3, 4 or 5: HIST-102 Area B2 3 units Elective 3 units	Area C2 or D6 3 semester units	6 semester units	Area 3B or 4F 3 semester units	8 quarter/5.3 semester units
History – United States	Score of 3, 4 or 5: HIST-111 & HIST-112 Areas B1 &/or B2 6 units	Area C2 or D6 & US-1 3 semester units	6 semester units	Area 3B or 4F 3 semester units	8 quarter/5.3 semester units
History – World: Modern	Score of 3, 4 or 5: HIST-103 & HIST-104 Area B2 3 units	Area C2 or D6 3 semester units	3 semester units	Area 3B or 4F 3 semester units	8 quarter/5.3 semester units
Human Geography	Score of 3, 4 or 5: GEOG-102 Area B2 3 units	Area D5 3 semester units	3 semester units	Area 4E 3 semester units	4 quarter/2.7 semester units
Italian Language and Culture	Score of 3, 4 or 5: Area C 3 units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/5.3 semester units
Japanese Language and Culture	Score of 3, 4 or 5: Area C 3 units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/5.3 semester units
Latin	Score of 3, 4 or 5: Area C 3 units	Area C2 3 semester units	6 semester units		8 quarter/5.3 semester units
Music Theory	Score of 3, 4 or 5: MUS-103 & MUS-104 Area C 3 units Elective 3 unit	N/A	6 semester units	N/A	8 quarter/5.3 semester units No credit for subscore
Physics 1 ³	Score of 3, 4 or 5: PHY-101 Area A 4 units	Areas B1 and B3 4 semester units	4 semester units	Area 5A and 5C 4 semester units	8 quarter/5.3 semester units
Physics 2 ³	Score of 3, 4 or 5: PHY-102 Area A 4 units	Areas B1 and B3 4 semester units	4 semester units	Area 5A and 5C 4 semester units	8 quarter/5.3 semester units
Physics C – Electricity/Magnetism ³	Score of 3, 4 or 5: No response from department, course remains general Area A 4 units	Areas B1 and B3 4 semester units	4 semester units	Area 5A and 5C 4 semester units	4 quarter/2.7 semester units

Physics C – Mechanics ³	Score of 3, 4 or 5: No response from department, course remains general Area A 4 units	Areas B1 and B3 4 semester units	4 semester units	Area 5A and 5C 4 semester units	4 quarter/2.7 semester units
Psychology	Score of 3, 4 or 5: PSYC-101 Area B2 3 units	Area D9 3 semester units	3 semester units	Area 4I 3 semester units	4 quarter/2.7 semester units
Spanish Language and Culture ⁴	Score of 3, 4 or 5: SPAN-101 & SPAN-102 Area C 8 units Clear prerequisite for SPAN-201	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/5.3 semester units
Spanish Literature and Culture ⁴	Score of 3, 4 or 5: SPAN-101 & SPAN-102 Area C 8 units Clear prerequisite for SPAN-201	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/5.3 semester units
Statistics	Score of 3, 4 or 5: MATH-140 Area G 3 units	Area B4 3 semester units	3 semester units	Area 2A 3 semester units	4 quarter/2.7 semester units

¹ CSU: If a student passes more than one AP exam in calculus or computer science, only one AP exam may be applied to the baccalaureate.

² CSU: Students who pass AP Environmental Science earn 4 units of credit. Tests prior to Fall 2009 may apply to either B1+B3 or B2+B3 of GE Breadth. Fall of 2009 or later, those credits may only apply to B1+B3.

³ CSU: If a student passes more than one AP exam in physics, only six units of credit may be applied to the baccalaureate, and only four units of credit may be applied to a certification in GE Breadth

⁴ CSU: AP Spanish Language and AP Spanish Literature are no longer offered.

Per CSU Executive Order 1036, students seeking to use this AP subject exam for GE certification prior to transfer must have passed the exam before this term. AP exams removed from CSU GE certification

International Baccalaureate (IB)

Students requesting Credit for Prior Learning using International Baccalaureate shall receive credit for completing a satisfactory score on a district approved high-level International Baccalaureate (IB) examination under the following circumstances:

- Mt. San Jacinto College accepts the International Baccalaureate (IB) for pass along into the CSU and UC systems and for the MSJC General Education Option A
- The IB is awarded by diploma or exam certificate: the diploma, with a score of 30 or above, awards 20 semester units for transfer and the certificate with scores of 5, 6 or 7 on the Higher Level exams earns 5.3 semester units at University of California
- For General Education Breadth and/or U.S. History, Constitution, and American Ideals IB exams are approved for area as directed in Executive Order 1036, Section 1.2.4
- Each campus in the University of California and the California State University systems determine how they will apply IB external examinations toward credit in the major preparation
- Students who have earned credit from an IB exam should not take a comparable college course because transfer credit will not be granted for both
- MSJC enforces the completion of a 12 units of credit minimum for residency and these 12 units of credit must be taken at MSJC and must be on the transcript prior to any other credit being posted. Evaluation of other transcripts can occur without residency at MSJC.

Detailed CSU and UC acceptance and charts are updated yearly and added to the MSJC catalog

International Baccalaureate (IB) Table

International Baccalaureate (IB) Exam	Passing Minimum Score	MSJC General Education Area and semester units	CSU GE Breadth Area for Certification and semester units	IGETC Area for Certification and semester units
IB Biology HL	5	A (3)	B2 (3) + 3 elective	5B - without lab credit (3) + 2.3 elective
IB Chemistry HL	5	A (3)	B1 (3) + 3 elective	5A - without lab credit (3) + 2.3 elective
IB Economics HL	5	B2 (3)	D (3) + 3 elective	4 (3) + 2.3 elective
IB Geography HL	5	B2 (3)	D (3) + 3 elective	4 (3) + 2.3 elective
IB History (any region) HL ¹	5	B2 (3)	C2 or D (3) + 3 elective	3B or 4 (3) + 2.3 elective
IB Language A Literature HL ²	4-CSU 5-UC	C (3)	C2 (3) + 3 elective	3B (3) + 2.3 elective
IB Language A Language and Literature HL ²	4-CSU 5-UC	C (3)	C2 (3) + 3 elective	3B (3) + 2.3 elective
IB Language A1 (any language) HL ²	4-CSU 5-UC	C (3)	C2 (3) + 3 elective	3B (3) + 2.3 elective
IB Language A2 (any language) HL ²	4-CSU 5-UC	C (3)	C2 (3) + 3 elective	3B (3) + 2.3 elective
IB Language B (any language) HL ²	4-CSU 5-UC	C (3)	N/A 6 elective	6A (3) + 2.3 elective
IB Mathematics HL	4-CSU 5-UC	G (3)	B4 (3) + 3 elective	2A (3) + 2.3 elective
IB Physics HL	5	A (3)	B1 (3) + 3 elective	5A - without lab credit (3) + 2.3 elective
IB Psychology HL	5	B2 (3)	D (3)	4 (3)
IB Theatre HL	4-CSU 5-UC	C (3)	C1 (3) + 3 elective	3A (3) + 2.3 elective

¹ IB exam may be used in either area regardless of where the certifying CCC's discipline is located.

² The IB curriculum offers language at various levels for native and non-native speakers. Language B courses are offered at the intermediate level for non-natives. Language A1 and A2 are advanced courses in literature for native and non-native speakers, respectively.

Actual IB Higher Level transfer credit awarded for admission is determined by the CSU and UC. The UC Policy for IB credit can be found at: UC Admissions (<https://admission.universityofcalifornia.edu/admission-requirements/ap-exam-credits/ib-credits.html>)

The CSU also has a systemwide policy for awarding transfer credit for admission. The CSU policy for IB can be found at: CSU IB Policy (<http://www2.calstate.edu/apply/transfer/pages/international-baccalaureate-ib.aspx>)

College Level Examination Program (CLEP)

Students requesting Credit for Prior Learning using the College Level Examination Program (CLEP) shall receive credit for completing a satisfactory score on a district approved College Level Examination under the following circumstances:

- The Academic Senate of the California Community College System approved the alignment of a California Community College general education (CCC GE) CLEP exam score equivalency list that is aligned with the California State University (CSU) GE CLEP exam score equivalency lists effective fall 2011. This realignment impacts the units allowed, catalog rights to previous approved units will apply.
- Each California State University will determine how CLEP exams are accepted. Check with your transfer institution for correct CLEP transfer information.
- The University of California system will not accept CLEP exams.
- MSJC enforces the completion of a 12 units of credit minimum for residency and these 12 units of credit must be taken at MSJC and must be on the transcript prior to any other credit being posted. Evaluation of other transcripts can occur without residency at MSJC.

Detailed CSU and UC acceptance and charts are updated yearly and added to the MSJC catalog.

College Level Examination Program (CLEP) Exam Table

CLEP Exam (College-Level Examination Program)	Minimum Score	MSJC Course deemed similar by faculty AA/AS internal use only – not for transfer	MSJC GE Area and units to be awarded	CSU GE Area and/or elective CSU units to be awarded
American Government	50	PS-101	B1 or B2 (3 units)	D (3 units)
American Literature	50	LIT-207 or LIT-208	C (3 units)	C2 (3 units)
Analyzing and Interpreting Literature	50	LIT-106	C (3 units)	C2 (3 units)
Biology (no lab credit awarded)	50	BIOL-115 (no lab units awarded)	A (3 units)	B2 (3 units)
Calculus	50	MATH-211	G (3 units)	B4 (3 units)
Chemistry (no lab credit awarded)	50	N/A	A (3 units)	B1 (3 units)
College Algebra	50	MATH-105	G (3 units)	B4 (3 units)
College Algebra-Trigonometry	50	N/A	G (3 units)	B4 (3 units)
English Literature	50	LIT-230 or LIT-231	C (3 units)	C2 (3 units)
French Level I ¹	50	FREN-101	6 elective units	6 elective units
French Level II ¹	59	FREN-102	C (3 units)+6 elective units	C2 (3 units)+6 elective units
German Level I ¹	50	N/A	6 elective units	6 elective units
German Level II ¹	60	N/A	C (3 units)+6 elective units	C2 (3 units)+6 elective units
History, United States I	50	HIST-111	B1 or B2 (3 units)	D + US 1 (3 units)
History, United States II	50	HIST-112	B1 or B2 (3 units)	D + US 1 (3 units)
Human Growth and Development	50	PSYC-103	B2 (3 units)	E (3 units)
Humanities	50	N/A	C (3 units)	C2 (3 units)
Introductory Psychology	50	PSYC-101	B2 (3 units)	D (3 units)
Introductory Sociology	50	SOCI-101	B2 (3 units)	D (3 units)
Natural Sciences (no lab credit awarded)	50	N/A	A (3 units)	B1 or B2 (3 units)
Pre-Calculus	50	MATH-110	G (3 units)	B4 (3 units)
Principles of Macroeconomics	50	ECON-201	B2 (3 units)	D2 (3 units)
Principles of Microeconomics	50	ECON-202	B2 (3 units)	D2 (3 units)
Principles of Management	50	MGT-500	3 elective units	3 elective units
Principles of Marketing	50	MGT-520	3 elective units	3 elective units
Spanish Level I ¹	50	SPAN-101	6 elective units	6 elective units
Spanish Level II ¹	63	SPAN-102	C (3 units)+6 elective units	C2 (3 units)+6 elective units
Western Civilization I	50	HIST-101	B2 or C (3 units)	C2 or D6 (3 units)
Western Civilizations II	50	HIST-102	B2 (3 units)	D6 (3 units)

Please note: The Academic Senate of the California Community College System approved the alignment of local CCC general education and CLEP exam score equivalency with CSUs. Catalog rights to previous approved units will apply. MSJC enforces the completion of a 12 units of credit minimum for residency and these 12 units of credit must be taken at MSJC and must be on the transcript prior to any other credit being posted. Evaluation of other transcripts can occur without residency at MSJC.

¹ If a student passes more than one CLEP test in the same language other than English (e.g., two exams in French), then only one examination may be applied to the baccalaureate. For each test in a language other than English, a passing score of 50 is considered “Level I” and earns six units of baccalaureate credit; the higher score listed for each test is considered “Level II” and earns additional units of credit and placement in Area C2 of GE Breadth, as noted.

*A maximum of 12 semester units of CLEP may be used to meet MSJC’s AA/AS degrees and certificates.

*Each CSU determines how CLEP exams are accepted. Check transfer institution for correct CLEP information.

*The University of California (UC) does NOT accept CLEP exams.

Credit by Exam

Students interested in Credit for Prior learning through Credit by Examination are encouraged to informally discuss the matter with the department chair or faculty designee and instructor prior to initiating the formal process. The department chair or faculty designee shall determine whether a student requesting Credit by Examination is sufficiently well prepared to warrant being given this opportunity. This determination is based upon a review of previous course work and/or experience.

In order to permit students to demonstrate that they have met the objectives of a course through experience in the work place, foreign language proficiency, or some other process outside the conventional academic setting, students may earn credit by receiving a passing grade on an examination administered by the appropriate instructional department/program. The completion of Credit by Examination may require the demonstration of other skills or the completion of assignments in addition to an examination; the examination will be comprehensive. The district will award college course credit for successful completion of a district examination administered by the appropriate departmental faculty under the following circumstances:

- For those courses which a department has already determined are eligible for credit-by-exam, the department will have on file a credit-by-exam for that course so that all students get a consistent test that is based on the course content, objectives, and Course Learning Outcomes for the course. This exam should be revised at least once every three years and should not be part of a test bank. After completing the Credit for Prior Learning Petition available through Enrollment Services, a copy of the test will be sent to the Testing Center and student will complete the exam. If the department chair or faculty designee determines the Credit by Examination assessment measures mastery of the course content as set forth in the Course Outline of Record, the appropriate faculty shall sign the petition with the recorded grade and forward to the Enrollment Services office to be kept on file and recorded on the student transcript. Completed exam materials must remain on file with the department/program for three years
- A student wishing to complete credit-by-exam for a course which a department has not already determined eligible for credit-by-exam, the student will meet with the department chair or faculty designee to determine whether the test will be administered. The department will need to create a test that is based on the course content, objectives, and Course Learning Outcomes for the course. This exam should thereafter be revised at least once every three years and should not be part of a test bank.
- MSJC enforces the completion of a 12 units of credit minimum for residency and these 12 units of credit must be taken at MSJC and must be on the transcript prior to any other credit being posted. Evaluation of other transcripts can occur without residency at MSJC.

High School Articulation

Students interested in Credit for Prior learning through Credit by Examination for tech prep courses taken in high school are eligible to earn college credit by earning an "A" or "B" in career-related "articulated" high school courses. An articulated course is one in which the high school teacher and the Mt. San Jacinto College faculty have "formally agreed" that the high school course outline, syllabus, textbook, midterm and/or final exam are comparable to those in a course of the same major at MSJC and that the final exam score will be used as a credit by exam for the comparable MSJC course (California Education Code 55051).

The district will award college course credit for high school articulated courses under the following circumstances:

- Course must be articulated with MSJC prior to student taking the course
- To earn credit, students must earn an A or B in the high school course and pass the approved credit exam with a 70 or above will earn credit for the course, indicated with a "P" on their transcript
- In some instances, faculty at MSJC have deemed the course eligible for a letter grade; in these courses, students who pass the approved credit exam with an 80 or above will earn the letter grade of "A" or "B," depending on the faculty determined grading scale, and a letter grade will be posted to their transcript
- Tech Prep units will be awarded to the high school student's MSJC transcript within one semester after the high school posts and forwards the high school transcript to MSJC. MSJC will not require Tech Prep approved students to meet the 12-unit residency requirement prior to posting these units

Military Articulation

Students interested in Credit for Prior Learning using Joint Service Transcripts shall receive credit as recommended by the American Council on Education (ACE) Directory and approved by the appropriate discipline faculty of the college under the following circumstances:

- Official transcripts must be on file in the Enrollment Services Office. These may include Joint Services Transcript (JST), Sailor/Marine American Council on Education Registry Transcript (SMART), Army and American Council on Education Registry Transcript Service (AARTS), Community College of the Air Force (CCAF), Coast Guard Institute (CGI), DANTES/USAFI, Defense Language Institute Foreign Language Transcripts (DLIFLC), Defense Manpower Data Center (DMDC), DLPT Examinee Results, DA Form 330 Language Proficiency Questionnaire, or verified copies of DD214 or DD295 military records
- Credit course equivalency shall be determined by the faculty of the appropriate discipline using Military Articulation Platform (MAP)
- MSJC enforces the completion of a 12 units of credit minimum for residency and these 12 units of credit must be taken at MSJC and must be on the transcript prior to any other credit being posted. Evaluation of other transcripts can occur without residency at MSJC.

Exams Administered by Other Agencies

Students interested in Credit for Prior Learning using examinations administered by agencies approved by the district shall receive credit as recommended by the appropriate department chair or faculty designee.

Enrollment services shall grant credit for examinations administered by other agencies that have already been evaluated and approved by the appropriate department chair or faculty designee.

If an examination administered by other agencies has not yet been evaluated and approved by the appropriate faculty designee:

- The student meets with the department chair or faculty designee to receive further instructions for examinations administered by other agencies

- The student submits any documentation about the examinations and the agency to the department chair or faculty designee for assessment of prior learning
- If the department chair or faculty designee determine examinations administered by other agencies adequately measure mastery of the course content as set forth in the Course Outline of Record, the appropriate faculty shall sign the petition with the recorded grade, attach the industry recognized credential(s), and forward the completed petition and supporting documents to the Enrollment Services Office to be kept on file and recorded on the student transcript
- Department must determine what grade on the exam counts as a Passing grade
- MSJC enforces the completion of a 12 units of credit minimum for residency and these 12 units of credit must be taken at MSJC and must be on the transcript prior to any other credit being posted. Evaluation of other transcripts can occur without residency at MSJC.

Industry Recognized Credentials

Students interested in Credit for Prior Learning using industry recognized credential(s) shall receive credit as recommended by the appropriate department chair or faculty designee. Enrollment services shall grant credit for industry recognized credential(s) that have already been evaluated and approved by the appropriate department chair or faculty designee.

If an industry recognized credential has not yet been evaluated and approved by the appropriate faculty:

- The student meets with the department chair or faculty designee to receive further instructions for industry recognized credential(s) assessment
- The student submits all industry recognized credential documents to the department chair or faculty designee for assessment of prior learning
- If the department chair or faculty designee determine the industry certification adequately measures mastery of the course content as set forth in the Course Outline of Record, the appropriate faculty shall sign the petition with the recorded grade, attach the industry recognized credential(s), and forward the completed petition and supporting documents to the Enrollment Services Office to be kept on file and recorded on the student transcript
- MSJC enforces the completion of a 12 units of credit minimum for residency and these 12 units of credit must be taken at MSJC and must be on the transcript prior to any other credit being posted. Evaluation of other transcripts can occur without residency at MSJC.

Currently approved industry recognized credentials that earn credit for prior learning include the following:

1. LAW ENFORCEMENT: Students may submit a Credit for Prior Learning Petition form to enrollment services to substitute credit for completion of a P.O.S.T. Basic Peace Officers Academy through an accredited institution. Students must attach official college transcripts and an Academy course outline or syllabus to the student petition. The Administration of Justice department chair will determine the amount of credit to award the student. Transfer credit shall only be approved subject to the student providing appropriate and adequate documentation of the courses under consideration.

2. NURSING CREDIT: Diploma school registered nurse graduates licensed in California may receive 30 units of nursing credit and must complete 36 units of general education and science requirements (with a minimum of 12 units of residency) for an Associate in Science – Registered Nurse degree. Students must attach official transcripts to the student petition. The Nursing Department chair will determine whether credits can be awarded student.

Student Portfolios

Students interested in Credit for Prior Learning using a student-created portfolio shall receive credit as recommended by the appropriate department chair or faculty designee under the following circumstances:

- A department-approved portfolio assessment rubric for the course is on file and shall be made available to the student along with the course learning objectives and course learning outcomes prior to submission of portfolio for assessment
- The student shall complete the Credit for Prior Learning Petition Form available in the Counseling or Enrollment Services Office
- The student meets with the department chair or faculty designee to receive further instructions for student-created portfolio assessment
- The student submits all portfolio documents to the department chair or faculty designee for assessment of prior learning
- If the department chair or faculty designee determine the student-created portfolio adequately measures mastery of the course content as set forth in the Course Outline of Record, the appropriate faculty shall sign the petition with the appropriate Pass/No Pass grade and forward it to the Enrollment Services Office to be kept on file and recorded on the student transcript
- To be awarded credit, students' portfolio shall be assessed as having met minimum standards or higher on all three categories on the rubric
- MSJC enforces the completion of a 12 units of credit minimum for residency and these 12 units of credit must be taken at MSJC and must be on the transcript prior to any other credit being posted. Evaluation of other transcripts can occur without residency at MSJC.

Academic Standards Petition

Students can submit an Academic Standards Petition for special circumstances that warrant further consideration for adjustment or deviation from established procedures and policies of MSJC.

The Academic Standards Petition is typically used to request a Waiver of Dismissal, a Waiver of the 30 Unit Limit on Remedial Courses, or to appeal a decision previously made by a Student Services Office other than Financial Aid (see Financial Aid Petition). Students would be required to submit supportive documentation or obtain faculty or staff recommendation that justifies the specific, unique circumstance(s) which will persuade the committee to waive state or local regulations for students. Documentation such as medical documentation with a written statement from the attending physician, court documents, death notices of immediate family members, or other proof that the request is based on a verifiable extenuating circumstance would be helpful for the committee.

For Appeals of Denied Petitions, students must be sure to attach an original petition with the decision written on it. Students justification must provide a persuasive argument for why the original decision should be overturned. Student must be sure to include any and all relevant documentation that support their appeal. Faculty or Counselor comments

and signature may be required for appeals, depending on the nature of the appeal.

Academic Standards Petitions are reviewed and decided by the Academic Standards Committee, a subcommittee of the Student Services Committee. Petitions are reviewed at regular monthly meetings, and the results are communicated in writing. State and federal regulations prohibit staff from providing information over the phone; therefore, please do not call the college to obtain information regarding the status of your submitted petition as the decisions will be communicated in writing. Petition results are provided by e-mail only, unless otherwise requested to be sent via USPS mail. Petitioners do not appear before the committee so students must be sure to include all relevant details in their justification as well as all relevant documentation supporting the circumstance. If a petition is returned marked "Deferred," it is the **STUDENTS** responsibility to do whatever the committee requests, and to then **REFILE** the petition. A deferred petition will be treated the same as a "Denied" petition until the student refiles their petition with the requested materials. All decisions made by the committee are final and all documentation is to be submitted to the Enrollment Services Office for Academic Standards Committee review.

Standards of Conduct

- Administrative Procedures 5500 Standards of Student Conduct (p. 49)
- Administrative Procedures 5520 Student Discipline Procedures (p. 50)
- AP 5530 Student Grievance and Due Process Procedures (p. 55)
- Board Policy 5500 Standards of Conduct (p. 61)
- Nondiscrimination Policy and Complaint Procedures Under Sections 59300 et seq. (p. 61)
- Policy Dissemination and Review (p. 62)
- Sexual Harassment Policy (p. 63)

Administrative Procedures 5500 Standards of Student Conduct

Please reference the MSJC web site under "Student Conduct" for any updates and revisions to this policy

Definitions: The following conduct shall constitute good cause for discipline, including but not limited to the removal, suspension or expulsion of a student.

1. Causing, attempting to cause, or threatening to cause physical injury to another person.
2. Possession, sale or otherwise furnishing any firearm, knife, explosive or other dangerous object, including but not limited to any facsimile firearm, knife or explosive, unless, in the case of possession of any object of this type, the student has obtained written permission to possess the item from a District employee, which is concurred by the Superintendent/President.
3. Unlawful possession, use, and sale, offer to sell, or furnishing, or being under the influence of, any controlled substance listed in California Health and Safety Code Section 11053 et seq., an alcoholic beverage, or an intoxicant of any kind; or unlawful possession of, or offering, arranging or negotiating the sale of any

drug paraphernalia, as defined in California Health and Safety Code Section 11014.5. (See AP 3550).

4. Committing sexual assault or harassment as defined by law or by District policies and procedures or sexual assault or sexual exploitation regardless of the victim's affiliation with the district.
5. Engaging in harassing or discriminatory behavior based on race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identify, gender expression, age, nationality, race or ethnicity, religion, sexual orientation, military or veteran status, or any other status protected by law.
6. Disruptive behavior, willful disobedience, habitual profanity or vulgarity.
7. Open and persistent defiance of the authority of, or persistent abuse of, college personnel.
8. Plagiarism (including plagiarism in a student publication), or engaging in other academic dishonesty.
 - A. Plagiarism
 - a) The use, by paraphrase or direct quotation, of the published or unpublished work of another person without full and clear acknowledgement.
 - b) The unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials.
9. Cheating
 - A. Cheating – during tests, quizzes, or on assignments
 - a) Use of any unauthorized assistance in taking quizzes, tests, or examinations.
 - b) Use of the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or carrying out other assignments.
 - c) The acquisition, without permission, of tests or other academic material belonging to a member of the College faculty or staff.
 - d) Collaboration with other students that results in a shared intellectual product without the express permission of the instructor of record.
10. Committing or attempting to commit robbery or extortion.
11. Causing, attempting to cause or threatening to cause damage to District property or to private property on campus.
12. Stealing or attempting to steal District property or private property on campus, or knowingly receiving stolen District property or private property on campus.
13. Willful or persistent smoking in any area of the District is prohibited (See BP 3570).
14. Engaging in intimidating conduct or bullying against another student through words or actions, including direct physical contact; verbal assaults, such as teasing or name-calling; social isolation or manipulation; and cyber bullying.
15. Willful misconduct that results in injury or death to a student or to District personnel.

16. Misconduct that results in cutting, defacing, or other injury to any real or personal property owned by the District or on campus.
17. Dishonesty; forgery; alteration or misuse of District documents, records or identification; or knowingly furnishing false information to the District.
18. Unauthorized entry upon or use of District facilities.
19. Lewd, indecent or obscene conduct or expression on District-owned or controlled property, or at District sponsored or supervised functions.
20. Engaging in expression which is obscene, libelous or slanderous, or which so incites students as to create a clear and present danger of the commission of unlawful acts on District premises.
21. Violation of lawful District regulations, or the substantial disruption of the orderly operation of the District.
22. Persistent, serious misconduct where other means of correction have failed to bring about proper conduct.
23. Unauthorized preparation, giving, selling, transfer, distribution, or publication, for any commercial purpose, of any contemporaneous recording of an academic presentation in a classroom or equivalent site of instruction, including but not limited to handwritten or typewritten class notes, except as permitted by any district policy or administrative procedure.
24. Violation of local, state or federal law on campus or while involved in college sponsored activities off campus.
25. Copyright infringement as described in Section 106 of the Copyright Act (Title 17 of the United States Code).

Students who engage in any of the above are subject to the procedures outlined in AP 5520 titled Student Discipline Procedures.

Administrative Procedures 5520 Student Discipline Procedures

Please reference the MSJC web site under "Student Conduct" for any updates and revisions to this policy.

INTRODUCTION

These procedures will provide a prompt and equitable means to address violations of the Mt. San Jacinto College (MSJC) Standards of Student Conduct (AP 5500), which guarantees to the student(s) involved the due process rights assured them by State and Federal constitutional protections. Community College Districts are required by law to adopt Standards of Student Conduct along with applicable penalties for violations (Education Code Section 66300 and 66301). MSJC has complied with this requirement by adopting governing Board Policy and Administrative Procedures 5500, 5520, and 5530.

The purpose of the administrative procedure is to enact uniform processes throughout MSJC to provide due process to students, who are alleged to have violated the Student Code of Conduct. These Student Conduct Procedures apply to all persons enrolled in any program of instruction or co-curricular offering within the District, including distance education programs. These Student Conduct Procedures do not apply to student grievances, discrimination complaints (including sexual

harassment, sex and gender based misconduct complaints), residence determination, or other academic or legal requirements for admission or retention. The Process for sex and gender based complaints is contained in the Nondiscrimination Administrative Procedure (AP 3410) and Prohibition of Sexual Harassment Policy (AP 3430). These procedures also do not apply to withholding of services, such as transcripts, for nonpayment of debts to the District. However, student conduct that constitutes prohibited discrimination may be the basis for Student Conduct action under this procedure. All proceedings held in accordance with these procedures shall relate specifically to an alleged violation of the established Standards of Student Conduct (AP 5500) as outlined in the College Catalog. Student Conduct measures may be taken by the District independent of any charges filed by civil or criminal authorities, or both (Education Code Section 76225.3).

Definition of Student Conduct Terms

- **Administrator:** The College Superintendent/President or other person or persons designated by him or her.
- **Associate Dean of Student Services:** The Associate Dean of Student Services at the District.
- **Board of Trustees:** The Governing Board of the District.
- **CSSO:** The Vice President of Student Services.
- **Days:** Unless otherwise specified in this policy, the term "day" shall refer to "working day," which shall be defined as any day Monday through Friday on which the college offices are open.
- **Student Conduct Hearing Record:** The Student Conduct Hearing Record shall consist of all the documents and exhibits presented at the Student Conduct Hearing, the recording of that Hearing, the recommendation of the Hearing Committee, and the College Superintendent/President's, or his or hers designee's, decision and recommendation.
- **Superintendent/President:** The Superintendent/President of MSJC or designee selected by the Superintendent/President to represent him or her in matters of Student Conduct.
- **District, College, or MSJC:** The Mt. San Jacinto College (MSJC) District, including all programs and offerings.
- **Permanent Expulsion:** Expulsion of the student by the Board of Trustees from all campuses in the District permanently.

- **Instructor:** Any instructional or non-instructional faculty member of the District in whose class, counseling session, or library service a student subject to the MSJC Code of Conduct is enrolled, or otherwise engaged in providing services to the student, or another academic employee, who has responsibility for the student's educational program.

- **Student:** Any person currently enrolled as a student on any campus or in any program offered by the District, including both in-person and online.

- **Written Notice:** Written notice to a student pursuant to these procedures shall be sufficient if sent by mail or email, to the last known address of the student currently on file at the College. Notice shall be deemed given on the day of said mailing.

Grounds for Student Code of Conduct Violation (AP 5500)

Student conduct must conform to District and College rules and regulations. If a Student Code of Conduct violation occurs while a student is enrolled in any program of instruction or co-curricular offering within

the District, to include distance education programs, he or she may be subject to Student Conduct Action for one or more of the following causes that must be District related. No student shall be removed, suspended, or expelled unless the conduct for which the student is disciplined is related to college activity—either curricular or extra-curricular. This section is not intended to limit provisions of federal law, or limit the ability of community college districts to take appropriate action under federal law.

Types of Student Conduct Action (Sanctions)

One or more of the following Student Conduct Actions may be imposed for violations of the Student Code of Conduct.

Reprimand: A verbal or written warning to cease and desist from conduct that has been determined to violate the Standards of Conduct. A record of the fact that a reprimand has been given may be retained as part of the student's discipline record for the period of one year. The reprimand is considered in the event of future violations during the period of retention. It is the student's responsibility to request that the record be removed upon expiration of the period of retention.

Student Conduct Probation: Specific period of conditional participation in campus and academic affairs that may involve exclusion from designated privileges or extracurricular activities. If a student violates any condition of probation, or is charged a second time with a violation of the Standards of Student Conduct during the probationary period, it shall be grounds for revocation of the student's probationary status and for further Student Conduct action to be taken in accordance with these procedures.

Removal from Class by Instructor: An instructor may remove, for good cause, any student from his or her class for up to two (2) class sessions. The student shall not return to the class during the period of the removal without concurrence of the instructor, and if required the consent of the CSSO or designee. Nothing herein will prevent the College Superintendent/President or designee or CSSO or designee from recommending further sanctions in accordance with these procedures based on the facts that led to the removal. As used in this rule, "good cause" includes those offenses listed in the Student Code of Conduct. The instructor shall immediately report the removal to the respective Academic Division Administrator, Director of Student Judicial Affairs, and/or to the CSSO or designee. If the student is a minor, the College Superintendent/President or designee shall schedule a conference with the student and the student's parent or guardian regarding the removal. Instructors are not obliged to provide makeup opportunities for class work, including quizzes, tests or examinations, missed during the two (2) class periods of removal (**Education Code 76032**).

Suspension or Termination of Financial Aid: In the event a student is suspended for willfully and knowingly disrupting the orderly operation of the campus, this action may result in ineligibility for State Financial Aid, as defined in Education Code Sections 69810 and 69813, for the period of suspension (Education Code Section 69811).

Immediate Interim Suspension: The College Superintendent/President or designee, or the CSSO or designee, may order immediate suspension of a student when he or she concludes that immediate interim suspension is required to protect lives or property and to ensure the maintenance of order. A reasonable opportunity shall be afforded the suspended person to have a hearing or adjudication appointment with an administrator within ten (10) days of the time that the CSSO or designee, or the College Superintendent/President became aware of the infraction unless

mutually agreed upon by the student and the designated Administrator that more time is required.

In cases where an immediate interim suspension has been ordered, the time limits contained in these procedures shall not apply, and all hearing rights, including the right to a formal hearing where a long-term suspension or expulsion is recommended, will be afforded to the student according to the provisions above.

In the event that a student does not request a hearing within the ten (10) days or contact the College Superintendent/President or CSSO or designee, or Administrator, to establish a mutually agreed upon time for hearing, the District will proceed with a due process hearing twenty-one (21) days after the point that the aforementioned administrators became aware of the infraction with or without the accused student being present. Students placed on Immediate Interim Suspension shall have holds placed on all records and transcripts pending the outcome of the due process hearing (Education Code Section 66017 and 76031)

Instructors are not obliged to provide makeup opportunities for class work, including quizzes, tests or examinations, missed during the period of suspension.

Short-term Suspension: Temporary exclusion from student status, or other privileges or activities, for one (1) or more classes for a period of up to ten (10) consecutive days of instruction. Faculty members are not obliged to provide makeup opportunities, including quizzes, tests or examinations, for class work missed during the period of suspension.

Long-term Suspension: Temporary exclusion from student status, or other privileges or activities, for the remainder of the current semester and/or one or more terms. Instructors are not obliged to provide makeup opportunities for class work missed, including quizzes, tests or examinations, during the period of suspension.

If any student is suspended or expelled from MSJC, he or she shall not be present on any of the campuses without authorization from the College Superintendent/President or CSSO or designee and must be escorted by a Campus Safety officer. The student may not attend any official campus sanctioned events or activities during the term of the suspension or expulsion.

Permanent Expulsion: Permanent termination of student status. There shall be no right of reconsideration of a permanent expulsion at any time. On its own motion, the Board of Trustees may reconsider such actions at any time.

Restitution: Appropriate restitution shall be sought from any student found responsible of theft, vandalism, or willful destruction of District property.

Educational Sanctions: Educational sanctions may be assigned instead of, or in addition to those specified in this section at the discretion of the Administrator. Educational sanctions may include, but are not limited to, reflection papers, participation in alcohol or drug education programs, or meeting with college officials.

Referral: A student may be referred by the Administrator to any college/ community resource deemed necessary for the assistance of the student.

Disclaimer:

The student disciplinary provisions do not apply to:

1. Student Grievance Procedures;

2. Removal by Instructor or Staff of Disruptive Students;
3. State Residence Determination; and,
4. Other academic and legal requirements for admissions, retention, and conferral of degrees or certificates.

Disciplinary sanctions and all documents related to the disciplinary process may be made available upon subpoena or student request.

The facts of any Student Conduct action and the reasons therefore shall be recorded in the student's record subject to access, review, and comment by the student as authorized by the Family Education Rights and Privacy Act (20 USC Section 2332g) and Education Code Sections 76200 through Section 76246. All access or release of such records to members of the public shall also be in accordance with applicable State and Federal laws.

PROCEDURES FOR ALLEGED STUDENT CODE OF CONDUCT VIOLATIONS:

Written Notice: Within ten (10) days from the time the Administrator is informed of an incident, via a submitted Incident Report, which may constitute an alleged violation of the Student Code of Conduct, the Administrator will provide the student with a written notice via mail or email, including the following:

- The specific section(s) of the Student Code of Conduct which the student is alleged to have violated.
- A short statement of the fact(s) supporting the accusation(s). The right of the student to meet with the CSSO or designee to discuss the accusation, or to respond in writing.
- Contact information to schedule an initial meeting.
- Notice advising the student that a hold may be placed on their account until the matter is resolved.

Written notice to a student pursuant to these procedures shall be sufficient if sent by mail or email to the last known address of the student currently on file at the College. Notice shall be deemed given on the day of said mailing.

Initial Meeting: Following notice, an initial meeting will occur between the Administrator and the student. The Administrator shall explain in general the nature of the alleged violations currently available against the student and the student will be informed of the nature of the sanction being considered. The student shall be allowed to respond either verbally or in writing to the allegations. If the student refuses to respond, the Administrator shall so indicate. Every effort shall be made to resolve the matter informally.

Follow-Up Meeting: Where there is determined a need by either the student or Administrator to conduct additional investigation regarding the alleged violation(s), a follow-up meeting may occur between the Administrator and the student within ten (10) days of the date on which the initial meeting took place unless an earlier date is mutually agreed upon.

Note: Failure to respond to the Administrator's request for meetings may result in a HOLD being placed on the student's records for not following the direction of a college official.

Administrator's Discretion: If, after reviewing the general nature of the alleged violations with the student, the Administrator concludes that a warning or a consequence greater than a warning, up to a suspension of

three (3) days or less, the Administrator shall deliver the sanction to the student, and no further action will be taken.

If a suspension of three (3) days or less is an appropriate sanction, the Administrator shall have the authority to hear the matter or, at the Administrator's discretion, refer it to a Student Conduct Hearing Committee.

If the Administrator makes a determination that a sanction more severe than a suspension of three (3) days is appropriate, the student shall be afforded the right to a Student Conduct Hearing in accordance with these procedures and shall be specifically informed of that right (Education Code Section 66017 and 76031).

This determination by the Administrator shall in no way affect the authority of a Student Conduct Hearing Committee to recommend to the Superintendent / President or Designee a sanction more or less severe than the one recommended by the Administrator.

Student's Discretion: By accepting the sanction of the Administrator (as described above), the student consents to the Administrator's decision of adjudication rather than having the matter go to a Student Conduct Hearing Committee. The student shall then agree to the imposition of a sanction mutually agreed upon by the student and the Administrator. Where a proposed sanction is greater than a reprimand (verbal or written warning), a student may be afforded the right to a due process hearing.

If the student charged with a Code of Conduct violation desires a Student Conduct Hearing, the student's request for hearing shall be made in writing to the Director of Student Judicial Affairs or the Associate Dean of Student Services within five (5) days of receipt of the Administrator's proposed sanction. The Administrator's proposed sanction(s) shall become the officially enforced sanction(s) should the student fail to exercise his/her due process rights within five (5) days of receiving the proposed sanction(s). If the student exercises the right to refer the matter to a Student Conduct Hearing Committee, the student shall receive a copy, via mail or email, of the Student Conduct Procedures from the Administrator (AP 5520). The student shall be provided with written notice of the hearing as provided below in the Hearing Procedure. Within twenty-one (21) business days, unless mutually agreed upon by the student and Administrator that more time is required, the matter shall be heard by a Student Conduct Hearing Committee.

Student Conduct Hearing Committee: The Student Conduct Hearing Panel. The College Superintendent/President or designee shall, at the beginning of each academic school year, establish a standing panel from which one or more Student Conduct Hearing Committees may be appointed. The panel shall be made up of the following:

- Five (5) students, whose names are submitted to the College Superintendent/President or designee by the Student Government Association (SGA).
- Five (5) faculty members, whose names are submitted to the College Superintendent/President or designee by the College Academic Senate.
- Five (5) administrators and/or staff appointed by the College Superintendent/President, or designee and/or by the College Classified Senate.

From the panel described above, the Designee shall appoint a committee consisting of one student, one instructor, and one administrator to hear each Student Conduct Hearing.

Hearing Procedure Notice: In all cases where a hearing before a Student Conduct Hearing Committee is to be held, not less than twenty-one (21) days prior to the hearing, the Administrator shall prepare a written notice to the student via mail or email, to the last known address of the student currently on file at the College. Notice shall be deemed given on the day of said mailing.

Notice shall specify the time and place of the Hearing and contain a statement of the alleged violations against the student. A copy of these procedures shall be enclosed. Notice shall also specify if there is to be an interim exclusion from the College campus pursuant to California Penal Code Section 626.4. Copies of such notice shall be sent to the student's instructors and the College Campus Safety Office.

In the event the recommended sanction includes suspension of State financial aid, the procedure set forth in Education Code Section 69811 shall be followed.

Hearing Preparation: The Administrator shall be responsible for making the necessary arrangements for the Student Conduct Hearing. Arrangements shall include scheduling a room, providing for a digital recorder, providing notice to the student as provided in the Hearing Procedures above, notifying members of the Student Conduct Hearing Committee, and any other arrangements deemed necessary.

The Administrator shall be responsible for ensuring that the accused student has access to all documents, and other evidence, no later than four (4) days prior to the hearing. The accused student should be notified, via email, of said availability of evidence in a timely manner.

Either the student or the Administrator may challenge any member of the Student Conduct Hearing Committee for cause. Challenges can be requested of the Director of Student Judicial Affairs or the Associate Dean of Student Services. Any challenge must be made in writing not later than forty-eight (48) hours prior to the hearing. Grounds for cause include any personal involvement in the situation giving rise to the alleged Student Conduct violation, any verifiable statement made on the matters at issue, or any other act which indicates that the committee member would not act in a neutral manner. If a challenge is upheld, the Associate Dean of Student Services or designee must make an appropriate replacement from the pool described in the Student Conduct Hearing Committee.

Prior to the commencement of the actual hearing, the Student Conduct Hearing Committee members shall receive from the Administrator copies of these procedures, meet in closed session, and select a chairperson. If the committee members cannot reach mutual agreement on a chairperson, the Associate Dean of Student Services or designee shall designate a member to serve as chairperson. The chairperson shall reside over the hearing and rule on all questions of procedure. All rulings of the chairperson shall be final unless overruled by a majority of the committee.

Right to Representation: The student may represent himself or herself or may be represented by another person, except that he or she shall not be represented by an attorney or a person acting as an attorney unless the alleged violations include allegations that would constitute a criminal offense under California law. In such case, the student must bare the cost of representation and provide the name and address of the attorney to the Director of Student Judicial Affairs or the Associate Dean of Student Services no later than fourteen (14) days prior to the date of the hearing. The District reserves the right to have legal counsel at disciplinary hearings.

Conduct of the Hearing Opening: The chairperson shall call the hearing to order, introduce the participants, and announce the purpose of the hearing.

Review of Alleged Violations: The chairperson shall distribute copies of the alleged violations to the members of the committee, read the alleged violations aloud, and ask the student if he or she has received the alleged violations. No alleged violations shall be made other than the specific alleged violations provided to the student at the meeting described in the Preliminary Procedures and on the formal notice letter sent to the student (described in the Hearing Procedure). If the answer is in the affirmative, the hearing shall proceed. If the answer is in the negative, the Administrator may present information to rebut the student's denial of notice. The chairperson shall decide whether or not to proceed with the hearing. If the hearing must be rescheduled, it shall be held within ten (10) days, unless otherwise mutually agreed upon by mutual concurrence of all parties.

Plea: The student shall admit or deny each alleged violation. If the student admits to each violation, and wishes to present no information of mitigating circumstances or other defense, the Student Conduct Hearing Committee shall retire to make its decision. If the student denies any or all of the alleged violations, or wishes to present information of mitigating circumstances, the hearing shall proceed.

Burden of Proof: The Administrator has the burden of proving each charge by a preponderance of evidence. The student shall be regarded as not responsible of the alleged violations until responsibility is established by the Administrator by a preponderance of evidence. "Established by a preponderance of the evidence" means that the Administrator must persuade the Student Conduct Hearing Committee that it is more probable than not that the alleged violations occurred.

Arguments: First the Administrator, and then the student, shall be afforded an opportunity to make or waive an opening statement, i.e., give an outline of the alleged violations and the facts to be proved. The student may reserve his or her opening statement until after the Administrator has finished presenting the case for the College. After the opening statements, first the Administrator, and then the student, shall have the opportunity to present witnesses and other relevant information in support of the case presented.

Evidence: The Administrator has the initial burden of producing evidence to prove each charge. The Administrator must present the information in support of the alleged violations first, and then the student must present information to refute the Administrator's evidence. Formal rules of evidence shall not apply. All relevant information is admissible if it is the kind of evidence upon which reasonable persons are accustomed to rely in the conduct of serious affairs, including but not limited to testimony of witnesses, physical objects, police reports, photographs, copies of documents, and signed and dated declarations of witnesses shown to be unavailable to attend the hearing.

Exclusion of Witnesses: Hearings shall be closed and confidential. Only persons participating in the hearing shall be present during the hearing. All witnesses shall be excluded except when testifying. Both the Administrator and the student shall be entitled to call witnesses presented by the other.

A member of the Student Conduct Hearing Committee may ask questions at any time upon recognition by the chairperson. Either side may recall a witness, who again may be questioned by both parties and the committee.

If the Student Conduct Hearing Committee deems that good cause exists, and that a witness would be subject to unreasonable risk of psychological or physical harm, that witness shall be afforded the opportunity to synchronous participation, via video/audio platform in a separate, supported, campus location linked to the hearing room.

Conclusion: First the Administrator, and then the student, shall be afforded the opportunity to make or waive a final statement.

Absence of the Student: If the student charged does not appear, and no satisfactory explanation for the absence is made at the earliest opportunity, or if the student leaves the Hearing before its conclusion, the Hearing shall proceed without the student, and the Student Conduct Hearing Committee shall reach a decision based on the information presented.

Student Conduct Hearing Committee Decision

The Student Conduct Hearing Committee shall retire to deliberate with only the members of the committee present. The Student Conduct Hearing Committee shall reach its decision based only upon the record of the Student Conduct Hearing and shall not consider matters outside of that record. Within five (5) days of the Hearing, the chairperson shall deliver a written report giving specific findings of fact as to each charge, and making recommendation(s) for action arrived at by a majority vote of the committee to the Associate Dean of Student Services or designee. The findings of fact shall recite what factual evidence, in the opinion of the Student Conduct Hearing Committee, supported or failed to support each charge. The findings shall further show which, if any, of the alleged violations the committee believes were substantiated. The recommendation(s) for only sanctions listed in this AP (AP 5520) will be considered and shall be specific.

Associate Dean of Student Services Decision

Within five (5) days following receipt of the Administrator's recommendation or the Student Conduct Hearing Committee's recommendation, the Associate Dean of Student Services or designee, shall render a final written decision. The Associate Dean of Student Services or designee, shall base his or her decision only upon the information provided by the Administrator or, in the case of a Student Conduct Hearing, the record of the Hearing and the recommendation of the Student Conduct Hearing Committee, and shall not consider matters outside of that record. The Associate Dean of Student Services or designee's decision shall contain specific findings of the facts and conclusions, or shall specifically adopt those contained in the Administrator's recommendation. The Associate Dean of Student Services or designee, may adopt the recommendations made to him or her for action, may adopt a less severe sanction, or may adopt a more severe sanction.

The Associate Dean of Student Services or designee will send a copy of his/her decision to the student and to the Administrator.

The Associate Dean of Student Services or designee shall, in accordance with District policy, notify the CSSO of any decisions to issue a long-term suspension or expulsion of a student.

The CSSO shall inform the Superintendent/President of any decisions to issue a long-term suspension or expulsion of a student.

When the recommendation is the expulsion of a student to the Board of Trustees, the Superintendent/President, CSSO, or designee may suspend the student pending action by the Board of Trustees.

If the recommendation is to expel a student, the College Superintendent/President or CSSO shall promptly recommend such action to the Board of Trustees. Only the Board of Trustees shall be authorized to take such action (See Below).

Any decision by the Board, College Superintendent/President, CSSO, or designee to suspend or expel shall be effective District-wide, including any program of instruction or co-curricular offering within the District, to include distance education programs.

APPEALS

Appeals will be considered accordingly. All decisions from the Associate Dean of Student Services can be appealed to the CSSO. Only decisions pertaining to Long-Term Suspension and Expulsion can be appealed to the Superintendent / President following a decision of the CSSO and only decisions pertaining to Expulsions can be appealed to the Board of Trustees (Education Code sections 76030-76031).

CSSO

The student or administrator may appeal the final written decision of the Associate Dean of Student Services or designee to the CSSO by filing an appeal with the CSSO's Office. Any such appeal shall be submitted in writing within five (5) days following receipt of the Associate Dean of Student Services or designee's final written decision and shall state specifically the grounds for appeal in a written statement. Appeals shall be based only on the record and recommendation of the Student Conduct Hearing Committee and the final written decision of the Associate Dean of Student Services or designee. The CSSO should consider appeals and Student Conduct actions/appeals within fifteen (15) days of receipt of the appeal by the CSSO's Office. This will be the final level of appeal for the Administrator.

Failure of the student or administrator to appeal any determination at any step within the specified time limits shall be deemed acceptance by the student or administrator of the last determination rendered.

Superintendent / President

The Superintendent / President will only consider appeals of Long Term Suspension or Expulsion.

When sanctions of Long Term Suspension or Expulsion are assigned, the student may appeal the final written decision of the CSSO or designee to the Superintendent/President by filing an appeal with the Superintendent/President's Office. Any such appeal shall be submitted in writing within five (5) days following receipt of the CSSO or designee's final written decision and shall state specifically the grounds for appeal in a written statement. Appeals shall be based only on the record and recommendation of the Student Conduct Hearing Committee and the final written decision of the CSSO or designee. The Superintendent/President should consider appeals and Student Conduct actions/appeals within fifteen (15) days of receipt of the appeal by the Superintendent/President's Office.

Failure of the student to appeal any determination at any step within the specified time limits shall be deemed acceptance by the student or administrator of the last determination rendered.

With the exception of the sanction of Expulsion the decision of the Superintendent / President shall be final and binding on all parties.

Board of Trustees' Action Pertaining to Expulsion

The Board of Trustees will only consider action relative to Expulsion or appeals of Expulsion sanctions.

The Superintendent/President or designee shall review the record of the hearing or the Administrator's decision and documents submitted to verify that all procedural steps of the Student Conduct procedures have been completed. If all appropriate steps have been correctly completed, the Board of Trustees shall then be provided with copies of the decision. If prior steps have not been correctly completed, the matter shall be returned to Student Services for completion.

The Board of Trustees shall consider Student Conduct actions at any public meeting held and should do so within forty-five (45) days of receipt of the recommendation by the Superintendent/President.

The Board of Trustees shall, unless otherwise requested by the student involved, consider a recommendation of expulsion in closed session unless a public hearing upon such question would be in violation of Education Code Sections 76240 through Sections 76246 (Protecting the Privacy of Student Records/Release of Directory Information). Before calling such closed session, the Board of Trustees, via the Superintendent/President's Office, shall, in writing, notify the student or the student and his or her parent(s), or guardian (if the student is a minor), via mail or email, of the intent of the Board of Trustees to consider the matter in closed session. Unless the student, or his/her parent(s) or guardian shall, in writing, within forty-eight (48) hours after receipt of such written notice of intention, request that the Board of Trustees consider the matter in a public meeting, in open session, then the hearing to consider such matters shall be conducted by the Board of Trustees in closed session. Whether the matter is considered at a closed session or during open session of a public meeting, the final action of the Board of Trustees shall be taken at a public meeting and the result of such action shall be a public record.

Upon review, the Board of Trustees will either uphold, modify, remand, or reject the decision of the College Superintendent/President or Designee. The Board of Trustees' action shall be limited to a review of the record of the Administrator's decision or that of the Student Conduct Hearing Committee, and the decisions of the Student Conduct Hearing Committee and the College Superintendent/President or designee as well the grounds for appeal submitted in a written statement. The Board of Trustees is authorized to expel a student for good cause when other means of correction fail to bring about proper conduct, or when the presence of the student causes a continuing danger to the physical safety of the student or others.

The Board of Trustees' action shall be final and binding on all parties.

Miscellaneous

Whenever the student to be suspended or expelled is under 18 years of age, his/her parent(s) or guardian shall be notified in writing by the Administrator.

Under Suspension or Expulsion of a student for violation of Penal Code 245 (assault with a deadly weapon likely to produce great bodily harm), the Administrator shall first notify the Mt. San Jacinto College Campus Safety Department or appropriate law enforcement agency.

Specified period of suspension may be shortened or lengthened by mutual written agreement of all parties.

The fact of any disciplinary action and the reasons therefore, shall be documented in the student's permanent file, subject to access, review,

and comment by the student as authorized by the Family Educational Rights and Privacy Act, 10 U.S.C. 2332g and Education Code §76200 et seq. All access to or release of such records to members of the public shall also be in accordance with State and Federal Law.

AP 5530 Student Grievance and Due Process Procedures

Please reference the MSJC web site under "Student Conduct" for any updates and revisions to this policy.

Reference:

Title IX, Education Amendments of 1972; Education Code Section 76224(a); ACCJC Accreditation Eligibility Requirement 20; ACCJC Accreditation Standard IV.d

Statement of Philosophy

Mt San Jacinto Community College District believes that all students shall be afforded fair and equitable treatment in the application of all district procedures and regulations. Students who claim that there has been a violation or misapplication of the procedures or regulations set forth in the college catalog, board policies, or operating procedures of the college district, or who claim misapplication or denial of student due process may make a complaint and, if necessary, file a grievance.

The Mt. San Jacinto College Student Rights and Grievances procedures are provided as a means for students to resolve complaints and grievances in an expeditious and fair manner, as well as to educate students in constructive approaches to problem and conflict resolution. It is the policy of the Board of Trustees that there shall be no harassment of or retaliation towards students who file a complaint or grievance, toward the subject of the grievance, or toward those who participate in the process. All proceedings held in accordance with these procedures shall relate to a specific complaint or grievance, with an identified remedy or solution.

Grievances pertaining to grades are subject to the California Education Code Section 76224(a) which states:

"When grades are given for any course of instruction taught in a community college district, the grade given to each student shall be the grade determined by the faculty member of the course and the determination of the student's grade by the instructor, in the absence of mistake, fraud, bad faith, or incompetency, shall be final."

This Student Grievance and Due Process Procedure does not apply to the challenge process for pre-requisites, co-requisites, advisories, and limitations on enrollment; an appeal of residence decision determination; or the determination of eligibility, disqualification or reinstatement of Financial Aid. These processes should be directed to the administrator in charge of the specific area of concern. Alleged violations of sexual harassment policies, actions dealing with student discipline, alleged discrimination on the basis of ethnic group identification, religion, age, gender, color, sexual orientation, physical or mental disability should be directed to the Director of Student Judicial Affairs. This procedure does not apply to parking citations (i.e., "tickets"). Complaints regarding citations must be directed to the Campus Safety Office.

Nothing in the policy or procedures shall abridge the rights of faculty, staff, administrators, and students to the provisions of due process, just cause, and relevant provisions of the Education Code or the agreement

between the Mt. San Jacinto Community College District and the Mt. San Jacinto College Faculty Association (CTA) or the Mt. San Jacinto Classified Association (CSEA). If it is reasonable to conclude that, if substantiated, discipline of an employee may follow from a violation, such grievance is not subject to this process. Allegations of this nature will be directed to the appropriate College administrator.

Deadlines may be extended by mutual consent of the parties involved and shall be documented with the Vice President of Student Services. Missed deadlines may affect a grievant's ability to proceed.

The District directs that there shall be no harassment or retaliation towards the grievant, the subject of the grievance, or others participating in the complaint and grievance process (or as a result of filing a complaint or grievance). This process shall take place within a collegial atmosphere and be aimed at conflict resolution.

The District requires that all reports of discrimination, including harassment on the basis of disability, be addressed by the District's complaint procedure pursuant to California Code of Regulations, Title 5, section 59300 et seq. The District's procedures for complaints of discrimination may be found on the district website under the student portal. Full discrimination policy and forms are located at the following: Titleix (<https://msjc.edu/titleix/>).

The District is responsible and has an affirmative duty to respond to complaints of discrimination in a timely manner. The District has identified Human Resources as its Responsible District Officer. All complaints of discrimination pursuant to section 59300 et seq, will be processed by Human Resources. The address for Human Resources office is as follows:

Jeannine Stokes
Chief Human Resources Officer
Mt. San Jacinto Community College District
41888 Motor Car Parkway
Temecula, CA 92591
(951) 346 - 2058

Information about grievance procedures and a copy of this document should be available to grievant(s) and/or the student respondent(s) upon request.

Students may grieve unfair acts by an employee against a student where the act has a negative impact on the student.

Students may not grieve the following:

(A) Grades except with evidence of:

1. Mistake – unintentional error on the part of the instructor;
2. Fraud – intentional misrepresentation of any or all facts, which lead to a negative outcome;
3. Bad Faith – includes fraud and any other intentional act of the instructor, which negatively impacts the grade of the student;
4. Incompetence – there is evidence that the instructor does not have the knowledge skills and/or abilities to conduct and fairly grade the course. Incompetence is usually pervasive, and not restricted to one student or one incident.

(B) Acts by another student (see Standards of Conduct).

(C) Acts which, though deemed unfair, do not have a specific negative impact on the student. Included among non-grievable issues are situations which are deemed to be petty or to have no significant negative impact upon the student in question.

(D) Acts which affect another student. Only the student affected by an act may file a grievance. A student may not file on behalf of another student.

It is the responsibility of any faculty member (instructor, counselor, or librarian), classified staff member, or administrator who receives a complaint or potential grievance from a student concerning any faculty or staff member to refer the student immediately to the subject of the grievance, except in cases of sexual harassment or discrimination, in which case the student shall be referred to the Office of Human Resources. Any person claiming discrimination based on a disability, including allegations of failure to accommodate, shall be referred to the Disabled Students Programs and Services office.

The appeal procedure for eligibility, disqualification, and reinstatement of Financial Aid may be obtained in the Financial Aid Office. Information about other procedures is listed in the schedule of classes, the College catalog, or may be obtained from the Chief Student Services Officer.

SECTION I: DEFINITION OF TERMS

- Academic Senate: The elected representative body of the College faculty.
- Administrator: The College Superintendent/President or another person designated by him or her who holds a status identified by the Governing Board as an administrative position.
- Chief Student Services Officer: The Vice President of Student Services.
- Complainant: A student who alleges that he or she has been personally wronged as a result of an alleged violation or misapplication of the procedures or regulations set forth in the college catalog, board policies, or operating procedures of the college district or instructional procedures, or specific provisions of applicable federal or state law or applicable college district policy, and chooses to pursue resolution via an informal process. (See specialized programs exception.)
- Day: Unless otherwise specified in this policy, the term "day" shall refer to "working day," which shall be defined as any day Monday through Friday on which the college offices are open.
- Decision: Any final outcome of the Grievance Committee. This includes tie votes or no decision.
- Director of Student Judicial Affairs: The Director of Student Judicial Affairs is responsible for student conduct and Title IX issues involving students, investigating and assisting students with the grievance process at the College.
- District: The Mt. San Jacinto Community College District.
- Faculty Member: Any academic employee of the District who is the instructor of record for a class in which a student is enrolled, or a counselor who is providing or has provided services to the student, or other academic employees who provide services related to the student's educational program.
- Formal Grievance Hearing Committee: This committee of five members (two students, two faculty or staff and an administrator)

hears grievances filed by students after they have gone through the informal process.

- **Grievance:** A formal written charge filed by a student which alleges a violation of one or more specific provisions of applicable federal or state law or applicable college district policy. A grade assigned by an instructor is not a grievable matter, except as outlined in Education Code section 76224(a) which states that “when grades are given for any course of instruction taught in a community college district, the grade given to each student shall be the grade determined by the instructor of the course and the determination of the student’s grade by the instructor in the absence of mistake, fraud, bad faith, or incompetence, shall be final.”
- **Grievance Council:** This committee is composed of the Vice President of Student Services, the Vice President of Instruction, the Chief Human Resources Officer, Vice President of Institutional Effectiveness, and the Vice President of Business Services of the College or their designees.
- **Grievant:** A student, or person who has filed an application for admission to the college, or former student who alleges that he or she has been personally wronged as a result of an alleged violation of applicable federal or state law, applicable district or college policy, or instructional procedures and the allegation utilizing the formal grievance procedure. Former students shall be limited to grievances relating to course grades to the extent permitted by Education Code Section 76224(a), and must file their grievance within one (1) year of the date the grade was awarded.
- **Party:** The student or any persons claimed to have been responsible for the student’s alleged grievance, together with their representatives. Party shall not include the Formal Grievance Hearing Committee, members of the Grievance Council, or the Director of Student Judicial Affairs.
- **Right to Representation:** The student may represent him or herself or may be represented by another person, except that he or she shall not be represented by an attorney unless the charges include allegations that would constitute a criminal offense under California law. In such case, the student must provide the name and address of the attorney to the Director of Student Judicial Affairs no later than five (5) days prior to the date of the hearing.
- **Respondent:** Any party who is claimed by a grievant to be responsible for the alleged grievance.
- **Statute of Limitations –** The filing of grievances shall be permitted only through the end of the sixth week of the semester following the semester in which the alleged incident occurred or two weeks following the posting of the grades from the previous semester, whichever is greater. Grievances occurring during the summer shall be handled on a calendar-day basis, and filing of such grievances shall only be permitted through the end of the first week after the end of the summer term.
- **Student Advocate:** An individual selected from a pool established by the College Superintendent/President or, with mutual agreement by the Director of Student Judicial Affairs, an individual selected by the student (grievant or complainant) to assist them through the process. This person cannot speak during hearings, but can give guidance and help explain the process as the student works through it.

- **Student Government Association:** The elected student representative body at the College.
- **Subject of Complaint or Grievance –** Any individual who is the alleged offending party. Please note: Student on student complaints or grievances will be pursued utilizing the Standards of Conduct process.
- **Supervisor –** An individual having the first line of jurisdiction over a staff member. It could be a supervisor, program coordinator or director, dean, or college administrator.
- **Title IX Officer –** An individual identified by the college to address matters within the federal regulations outlined under Title IX and provides support to students as an unbiased representative relative to gender-equity issues on campus. The Title IX Officer for issues involving any college employee is the Chief Human Resources Officer.

SECTION II: PROCEDURES

Informal Resolution

All parties involved should be encouraged to seek an informal remedy. Informal meetings and discussion between persons directly involved in a grievance are essential at the outset of the dispute and should be encouraged at all stages. An equitable solution should be sought before persons directly involved in the case have assumed official or public positions that might tend to polarize the dispute and render a solution more difficult.

In an effort to resolve the matter in an informal manner, the student may, if appropriate, schedule a meeting with the person with whom the student has the grievance, schedule a meeting with the person’s immediate supervisor, and/or schedule a meeting with the appropriate College administrator.

If the matter is not resolved in an informal manner, the student may, if appropriate, schedule a meeting with the Director of Student Judicial Affairs to explore student rights and responsibilities and receive assistance with an informal resolution.

The Director of Student Judicial Affairs may gather information, communicate with all parties, and attempt to mediate an informal resolution.

Formal Written Statement of Grievance

If the student believes the issue has not been resolved satisfactorily, the student may submit a written Statement of Grievance to the Director of Student Judicial Affairs, specifying the time, place, nature of the complaint, the specific policy or regulation alleged to have been violated, if any, and remedy or correction requested. This statement must be submitted to the Director of Student Judicial Affairs within thirty (30) days of the incident or thirty (30) days after the student learns of the basis for the grievance, whichever is later, but not to exceed one (1) year of the occurrence. (A form is included as Appendix B to guide the format of the complaint).

At the end of ten (10) days following the receipt of the written Statement of Grievance by the Director of Student Judicial Affairs, if there is no informal resolution of the complaint, the student(s) shall have the right to request a Formal Grievance Hearing.

Formal Grievance Hearing

The student grievant(s) shall file a Formal Grievance Hearing Request Form (Appendix C) with the Director of Student Judicial Affairs no sooner than ten (10) days, but not more than fifteen (15) days from filing the written Statement of Grievance.

The grievant(s) and/or the respondent(s) may request from the Director of Student Judicial Affairs the assistance of a Student Advocate. The grievant(s) or the respondent(s) shall select an advocate from the pool established by the College Superintendent/President.

Within ten (10) days following receipt of the Formal Grievance Hearing Form, the Director of Student Judicial Affairs shall meet with the grievant and all parties to outline their rights and responsibilities.

Formal Grievance Hearing Committee Composition

The College Superintendent /President shall establish annually a standing pool from which one or more Formal Grievance Hearing Committees may be appointed. The pool shall consist of a minimum of:

- Ten (10) students recommended by the Student Government Association;
- Ten (10) faculty members recommended by the Academic Senate;
- Ten (10) administrators, supervisors or staff selected by the College Superintendent/ President.

The College Superintendent/President shall appoint a Formal Grievance Hearing Committee from the standing pool. The College Superintendent/ President shall ensure that these Committee members have no possible conflict of interest in hearing the grievance. The Committee shall include two (2) students, two (2) faculty members, and one (1) College administrator, supervisor or staff member selected from the pool described above.

The Formal Grievance Hearing Committee shall select a chairperson from among its members.

Once a Formal Grievance Hearing has commenced, only those Committee members present throughout the Hearing may vote on the recommendation.

No person shall serve as a member of the Formal Grievance Hearing Committee if that person has been personally involved in any matter giving rise to the grievance, has made any public statement on the matters at issue, or could otherwise not act in a neutral manner. The grievant(s) or the respondent(s) may challenge for cause any member of the Formal Grievance Hearing Committee prior to the beginning of the Hearing by addressing a challenge, in writing, to the Associate Dean of Student Services, who shall determine whether cause for disqualification has been shown. If the Associate Dean of Student Services believes that sufficient grounds for removal of a member of the Formal Grievance Hearing Committee has been presented, the Associate Dean of Student Services shall remove the challenged member or members and replace them with another member or members from the standing pool.

Within ten (10) days following receipt of the Formal Grievance Hearing Request Form, (Appendix C) the Formal Grievance Hearing Committee shall meet to select a chairperson and to determine if the Formal Grievance Hearing Request fulfills all of the following requirements:

- The request contains facts/documentation which, if true, would constitute a grievance;
- The grievant is a student as defined in these procedures, which includes applicants and former students;

- The grievant is personally and directly affected by the alleged grievance;
- The grievant conformed with the grievance procedures and the grievance was filed in a timely manner;
- The grievance is not clearly frivolous or without foundation, or not clearly filed for purposes of harassment.
- The resolution sought is within the purview of the Grievance Hearing Panel

If the Formal Grievance Hearing Committee rejects the request for a Formal Grievance Hearing, the grievant and the Director of Student Judicial Affairs shall be notified in writing, within five (5) days, by the Committee's Chairperson. The specific reason(s) for rejection and the appeal process outlined in this document shall be included in this notification.

If the grievant(s) is dissatisfied with the decision of the Formal Grievance Hearing Committee not to grant a Formal Grievance Hearing, a written appeal may be filed with the Grievance Council within five (5) days after receipt of the Formal Grievance Hearing Committee's decision. The Grievance Council's decision on the appeal is final.

If the request for a Formal Grievance Hearing satisfies all of the requirements listed above, the Committee Chairperson shall notify the grievant and the Director of Student Judicial Affairs, in writing, within five (5) days.

The Director of Student Judicial Affairs shall schedule a Formal Grievance Hearing which shall commence within ten (10) days following the decision to grant a Formal Grievance Hearing. All parties to the grievance shall be given no less than five (5) days notice of the date, time, and place of the Hearing.

The student may represent him or herself or may be assisted by another person except that an attorney shall not represent him or her.

Conduct of the Hearing

Opening: The Committee Chairperson shall call the Hearing to order, introduce the participants, and announce the purpose of the Hearing.

Burden of Proof and Producing Evidence: Each party to the grievance may call witnesses and introduce oral and written testimony relevant to the issues of the grievance. The grievant(s) and the respondent(s) have the right to question all witnesses and to review all documents presented to the Formal Grievance Hearing Committee. The grievant(s) and respondent(s) will be afforded no more than one hour each to call witnesses and introduce oral and written testimony relevant to the issues of the grievance.

Formal rules of evidence shall not apply. Any relevant evidence shall be admitted.

The burden shall be upon the grievant to prove by a preponderance of evidence that the facts alleged are true.

Student Advocacy: The grievant(s) or the respondent(s) shall have the right to be assisted by a Student Advocate or by an individual of their choice. The grievant(s) and the respondent(s) may assist him or herself, or may be assisted by a person of the party's choice, except that neither the grievant(s) nor the respondent(s) shall be entitled to representation by legal counsel.

Exclusion of Witnesses: The Hearing shall be closed and confidential, unless it is the request of both parties that the Hearing be open to the public. Any such request must be made in writing to the Director of Student Judicial Affairs no less than five (5) days prior to the date of the Hearing.

In a closed Hearing, witnesses shall not be present at the Hearing when not testifying unless both parties and the Formal Grievance Hearing Committee agree to the contrary.

Recording: The Hearing shall be recorded in accordance with the following procedures:

- All oral testimony shall be recorded. If a person called upon to give oral testimony refuses to consent to being recorded, they may not testify at the Hearing.
- At the beginning of every Hearing, all parties present for the Hearing shall orally identify themselves by name for the tape-recording.
- The Committee Chairperson shall instruct all parties present for the Hearing to identify themselves when speaking and instruct all present that only one person is to speak at a time so the recording will be understandable.
- Only one recorder shall be allowed at the Hearing. No other recording device shall be allowed.

When the presentation of evidence is concluded, the Formal Grievance Hearing Committee's deliberations shall be confidential and closed to all parties. The Formal Grievance Hearing Committee's deliberations shall not be recorded. Only those Committee members present throughout the entire Hearing may vote on the decision.

The grievance file, including recordings, and all documents, shall be retained in a secure location on campus for a period of four (4) years. The grievant(s) and the respondent(s) may have access, upon request, to the files and recordings through the Director of Student Judicial Affairs. The individual making the request pursuant to Board Policy or Administrative Procedure shall pay the costs of any copies requested.

The Formal Grievance Hearing Committee shall meet and consider the relevance and weight of the testimony and evidence presented. This Committee shall reach a decision only upon the record of the Hearing and shall not consider matters outside of that record. Within five (5) days following the conclusion of the Hearing, this Committee shall issue a written recommendation that includes a statement of reasons for its conclusions.

The Committee's recommendation shall be forwarded to the Grievance Council through the Chief Student Services Officer with copies to the grievant(s) and the respondent(s).

Grievance Council

The Grievance Council shall be composed of the following representatives:

- Vice President of Instruction
- Chief Human Resources Officer
- Vice President of Business Services

Upon receipt of the Formal Grievance Hearing Committee's recommendation, the Chief Student Services Officer shall call a meeting of the Grievance Council.

The Grievance Council shall consider the Committee's recommendation, and any materials pertinent to the grievance, but shall not consider matters outside of the record. The Grievance Council shall render a written decision to the grievant(s) and the respondent(s) within five (5) days of receipt of the Formal Grievance Hearing Committee's recommendation.

Appeal Process

If either party is dissatisfied with a Grievance Council's decision, a written appeal may be filed with the College Superintendent/President within five (5) days of receipt of the Grievance Council's decision.

Within ten (10) days, the Grievance Council, or the College Superintendent/President shall send copies of the appeal to each party.

Appeals shall be based on the record and recommendation of the Grievance Hearing Committee and Grievance Council. The College Superintendent/President, after reviewing the record of the Formal Grievance Hearing Committee, shall make a final decision on the appeal and notify the parties in writing within five (5) days.

The College Superintendent/President's decision shall be in writing and shall include a statement of reasons for the decision. The College Superintendent/President's decision shall be final.

Role and Duties of the Director of Student Judicial Affairs

The role of the Director of Student Judicial Affairs is that of a facilitator of the grievance process, and not that of an advocate for either the grievant(s) or the student respondent(s).

The Director of Student Judicial Affairs shall provide information to the grievant(s) and the respondent(s) regarding the grievance procedures at any stage in the grievance process. During the informal resolution stage of the grievance process, the Director of Student Judicial Affairs shall facilitate informal meetings and discussions that may lead to a resolution of the grievance.

The Director of Student Judicial Affairs shall sit with the Formal Grievance Hearing Committee, but shall not serve as a member or vote. During the Formal Grievance Hearing stage of the grievance process, the Director of Student Judicial Affairs shall coordinate the preparation and shall conduct the Hearing, including providing in-service training to Committee members on Hearing procedures and operations.

The Director of Student Judicial Affairs shall ensure that the entire grievance process is conducted in an orderly, fair, and respectful manner. The Director of Student Judicial Affairs shall have the authority to exclude from the Hearing any individuals who fail to conduct themselves in an orderly, fair, and respectful manner.

The Director of Student Judicial Affairs shall be responsible for recording the Hearing and arranging for safe storage of the grievance file, including recordings and documents, for a period of no less than four (4) years.

Student Advocate Pool Members - Composition and Role

The College Superintendent/President shall annually establish a standing pool from which the student(s) who files the grievance or the respondent(s) select Student Advocates. The pool shall consist of a minimum of:

- Two (2) students recommended by the Student Government Association;

- Two (2) faculty members recommended by the Academic Senate;
- Two (2) administrators, supervisors or staff selected by the College Superintendent/President.

The Director of Student Judicial Affairs will train the Student Advocate(s) regarding the grievance process, regulations, and procedures. This training shall take place prior to the Student Advocate's assumption of the duties of this position.

The Student Advocate(s) shall assist the grievant(s) or the respondent(s) in understanding the grievance procedures, filing the appropriate forms, meeting all the timelines of these procedures, and communicating with College officials.

Time Limits

Any times specified in these procedures may be shortened or lengthened if there is mutual concurrence by all parties.

Resolution or Withdrawal of Grievance

At any time during the process, the student may come to a resolution with the respondent or withdraw their complaint by notifying the Director of Student Judicial Affairs in writing or by email that they wish to withdraw the grievance or consider it resolved.

Section III: Non-Grievance Procedures and Processes

Complaint Procedures

There are established procedures for resolving complaints from not only prospective and current students, but also from community members. For example, as a standard practice, the first step should be to seek a resolution at the local level with the appropriate department. If the complainant does not feel that the issue has been solved at this level to his or her satisfaction, the complainant is able to pursue the matter through the established chain of command. (See Appendix A for a chart showing the titles of the various administrators overseeing applicable areas of the college) The process must be clearly stated and in compliance with Federal regulation (HEA Title IV, CFR, Sections 600.9 and 668.4 (3) (b) since all Title IV eligible institutions must not only have, but also state its administered complaint process.

Process for Submitting All Types of Complaints by Prospective and Current Students:

Send an email to the department supervisor detailing a summary of the problem, including the steps taken to resolve the issue, and the desired outcome. If, after meeting with the department supervisor, you are not satisfied with the outcome, contact the Administrator of the appropriate Department or Division. If, after meeting with the Administrator of the appropriate Department or Division, you are not satisfied with the outcome and have taken the appropriate steps to resolve the matter through the established chain of command, contact the Vice President of that Division.

Process for Submitting All Types of Complaints by Community Members:

Send an email, detailing a summary of the problem, including the steps taken to resolve the issue and the desired outcome to the Vice President of Business Services, Vice President of Instruction or the Vice President of Student Services or the College Superintendent/ President. The form to submit your complaint can be found at: Student Conduct (<https://msjc.edu/studentconduct/filing-a-complaintstudents.html>)

Process for Submitting Unresolved Complaints from Prospective Students, Current Students, and/or Community Members to the State Level:

Although it is our goal to resolve complaints at the campus level, there may be times when a complainant is not satisfied with the outcome. In these situations, the complainant is encouraged to contact the California Community Colleges Chancellor's Office. The form to submit your complaint can be found at: Complaints Form. (https://www.cccco.edu/-/media/CCCO-Website/About-Us/Divisions/Office-of-the-General-Counsel/Programs/Unlawful-Discrimination/x_DiscrimComplaintForm.pdf) There is a separate link for discrimination complaints.

Process for Submitting Discrimination Complaints:

If you are submitting a complaint that pertains to unlawful discrimination, you can submit the complaint to the California Community Colleges Chancellor's Office website at: Complaint-Process-Notice (<https://www.cccco.edu/Complaint-Process-Notice/>)

Process for Submitting Accreditation Complaints:

If you are submitting a complaint that pertains to the institution's compliance with academic program quality and accrediting standards, please submit the information to the Accrediting Commission for Community and Junior Colleges (ACCJC), which accredits the academic programs of the California Community Colleges. The link to submit your complaint can be found at: Complaint-process (<https://accjc.org/complaint-process/>)

(Nothing in this disclosure should be construed to limit any right you may have to take civil or criminal legal action to resolve your complaints.)

Informal Complaint Resolution Chart

Subject Area	First Level	Second Level	Third Level
Academic Matters	Instructor	Department Chair	Dean of Instruction/ Division Dean
Accessibility Matters	Director of Accommodation Service Center	Dean of Student Services	Vice President of Student Services
Admissions and Registration	Director of Enrollment Services (SJC) or Dean of Student Services (MVC)	Dean of Student Services	Vice President of Student Services
Discipline	Instructor/staff member	Department Chair/Supervisor	Dean of Instruction or Dean of Student Services
Discrimination or Harassment	Chief Human Resources Officer or Title IX Coordinator for Students	Chief Human Resources Officer or Title IX Coordinator for Students	Chief Human Resources Officer or Title IX Coordinator for Students
Financial Aid	Director of Financial Aid	Dean of Student Services	Vice President of Student Services
Grade Dispute Matters	Instructor	Department Chair	Dean of Instruction/ Division Dean

Matriculation	Dean of Student Services	Vice President of Student Services	Vice President of Student Services
Residency Determination	Director of Enrollment Services (SJC) or Dean of Student Services (MVC)	Vice President of Student Services	Vice President of Student Services
Security and Parking	Campus Safety Department	Director of Campus Safety	Vice President of Student Services

Board Policy 5500 Standards of Conduct

The Board of Trustees and the campus community at Mt. San Jacinto College support a harmonious, safe, and productive learning environment. To promote such an environment, the Board of Trustees and the Superintendent/President have established procedures for the imposition of discipline on students in accordance with the requirements for due process of the federal and state law and regulations.

The procedures shall clearly define the conduct that is subject to discipline, and shall identify potential disciplinary actions, including but not limited to the removal, suspension or expulsion of a student.

The Board shall consider any recommendation from the Superintendent/President for expulsion. The Board shall consider an expulsion recommendation in closed session unless the student requests that the matter be considered in a public meeting. Final action by the Board on the expulsion shall be taken at a public meeting.

The procedures shall be made widely available to students through the college catalog, the Student Handbook and Orientation Guide and other means.

Board Policies and Administrative Procedures are subject to revision. For the most current policies visit Board Docs at: Boarddocs (<http://www.boarddocs.com/ca/msjc/Board.nsf/Public/>)

Nondiscrimination Policy and Complaint Procedures Under Sections 59300 et seq.

Introduction and Scope

This is intended as notice and clarification of the grievance procedures that apply to different forms of unlawful discrimination, including disability harassment concerning the implementation of the District's nondiscrimination policy and complaint procedures pursuant to California Code of Regulations, Title 5, sections 59300 et seq.

Unlawful Discrimination Policy

The policy of the Mt. San Jacinto Community College District is to provide an educational and employment environment including but not limited to access to its services, classes and programs in which no person shall be unlawfully denied full and equal access to, the benefits of, or be unlawfully subjected to discrimination on the basis of ethnic group identification, national origin, religion, age, sex, gender, gender identification, gender expression, race, color, medical condition, genetic information, ancestry, sexual orientation, marital status, physical or mental disability, or because they are perceived to have one or more of

the foregoing characteristics, or based on association with a person or group with one or more of these actual or perceived characteristics in any program or activity that is administered by, funded directly by, or that receives any financial assistance from the State Chancellor or Board of Governors of the California Community Colleges. Discrimination on the basis of sex or gender also includes sexual harassment.

The district is committed to equal opportunity in educational programs, employment, and all access to institutional programs and activities.

Employees, students, or other persons acting on behalf of the district who engage in unlawful discrimination as defined in administrative procedure # 3410 or by state or federal law may be subject to discipline, up to and including discharge, expulsion, or termination of contract.

The Superintendent/President shall establish administrative procedures that ensure all members of the college community can present complaints regarding alleged violations of this policy and have their complaints heard in accordance with the title 5 regulations and those of other agencies that administer state and federal laws regarding nondiscrimination.

No district funds shall ever be used for membership, or for any participation involving financial payment or contribution on behalf of the district or any individual employed by or associated with it, to any private organization whose membership practices are discriminatory on the basis of ethnic group identification, national origin, religion, age, sex, gender, gender identification, gender expression, race, color, medical condition, genetic information, ancestry, sexual orientation, marital status, physical or mental disability, or because they are perceived to have one or more of the foregoing characteristics, or based on association with a person or group with one or more of these actual or perceived characteristics in any program or activity that is administered by, funded directly by, or that receives any financial assistance from the State Chancellor or board of governors of the California Community Colleges. Discrimination on the basis of sex or gender also includes sexual harassment.

Reports of Discrimination

The district requires that all reports of discrimination, including harassment on the basis of disability, be addressed by the district's complaint procedure pursuant to California Code of Regulations, title 5, sections 59300 et seq. The district's procedures for complaints of discrimination may be found on the district website under the student portal. The full discrimination policy and forms are located at the following: [Discriminationpolicy \(http://www.msjc.edu/discriminationpolicy/\)](http://www.msjc.edu/discriminationpolicy/).

District's Response to Reports of Discrimination

The district is responsible and has an affirmative duty to respond to complaints of discrimination in a timely manner. The district has identified the Chief Human Resources Officer as its Responsible District Officer. All complaints of discrimination pursuant to section 59300 et seq, will be processed by the Chief Human Resources Officer. The address for the Chief Human Resources Officer is as follows:

1499 N. State Street
San Jacinto, CA 92583
(951) 344-6395

Statement Regarding Formal and Informal Complaint Procedures

The purpose of the informal resolution process is to allow an individual who believes they have been unlawfully discriminated against or sexually harassed to resolve the issue through a mediation process rather than the formal complaint process. Typically, the informal process will be invoked when there is a simple misunderstanding or the complainant does not wish to file a formal complaint. Resolution of an informal complaint may require nothing more than a clarification of the misunderstanding or an apology from the respondent and an assurance that the offending behavior will cease.

Informal Complaint Procedures

Whenever any person brings charges of unlawful discrimination to the attention of the Chief Human Resources Officer in the form of an unwritten complaint or a complaint that is not submitted on the form prescribed by the State Chancellor, that officer shall undertake efforts to informally resolve the charges and advise the complainant that they need not participate in informal resolution. Additionally, the Responsible District Officer shall notify the person bringing the charges of their right to file a formal complaint and explain the procedure for doing so. The Responsible District Officer shall also advise the complainant that they may file a nonemployment-based complaint with the Office for Civil Rights of the U.S. Department of Education (OCR) where such a complaint is within that agency's jurisdiction and that if the complaint is employment-related, the complainant should also be advised that they may file a complaint with the U.S. Equal Employment Opportunity Commission (EEOC) and/or the California Department of Fair Employment and Housing (DFEH) where such a complaint is within the jurisdiction of those agencies.

Efforts at informal resolution need not include any investigation unless the district's responsible officer determines that an investigation is warranted by the seriousness of the charges. Accordingly, because the district is responsible for maintaining a safe and discrimination free educational environment, serious allegations may need to be investigated even if the complaining party considers the matter resolved. Efforts at informal resolution may continue after the filing of a formal written complaint, but after a complaint is filed an investigation is required to be conducted pursuant to title 5, section 59334, and must be completed unless the matter is informally resolved and the complainant dismisses the complaint or the complainant files with the DFEH and the Chancellor elects not to require further investigation pursuant to title 5, section 59328(f)(2). Any efforts at informal resolution after the filing of a written complaint will not exceed the 90-day period for rendering the administrative determination pursuant to title 5, section 59336.

Formal Complaint Procedures

If a complainant decides to file a formal written unlawful discrimination complaint against the district, they must file the complaint on a form prescribed by the State Chancellor. These approved forms are available from the district and also at the State Chancellor's website, as follows: Discrimination (<http://extranet.cccco.edu/Divisions/Legal/Discrimination.aspx>).

The completed form must be filed with the district representative or mailed directly to the State Chancellor's Office of the California Community Colleges. Once a complaint is filed, the individual(s) accused of engaging in prohibited discriminatory conduct should be advised of that filing and the general nature of the complaint. This should occur

as soon as possible and appropriate under the circumstances. The district will also advise the accused that an assessment of the accuracy of the allegations has not yet been made, that the complaint will be investigated, that the accused will be provided an opportunity to present their side of the matter, and that any conduct that could be viewed as retaliatory against the complainant or any witnesses must be avoided. A written response summarizing the district's investigatory actions and investigative findings will be provided to the complainant.

Handling Discrimination Complaints

As stated above, in an informal process the district officer shall advise the complainant of their rights and responsibilities under both the formal and informal processes. If the complainant declares their preference for the informal process, the Chief Human Resources Officer shall present the complainant with a document that describes the informal/formal process that contains the basics of complainant's allegations of unlawful discrimination. This document will clearly indicate that the complainant opted for the informal resolution process and should be signed and dated by the complainant. The informal resolution process will not be made a predicate to the process and investigation of a formal complaint. If a formal complaint is filed, an investigation must be completed within the time required unless it is voluntarily rescinded by a complainant as a result of a successful informal resolution.

Selecting an informal resolution does not extend the time limitations for filing a formal complaint. Efforts at informal resolution may continue after the filing of a formal written complaint, but after a formal complaint is filed an investigation is required to be conducted pursuant to title 5, section 59334, and must be completed unless the matter is informally resolved and the complainant dismisses the complaint or the complainant files with the DFEH and the Chancellor elects not to require further investigation pursuant to title 5, section 59328(f)(2). Any efforts at informal resolution after the filing of a written complaint will not exceed the 90-day period for rendering the administrative determination pursuant to title 5, section 59336.

If an informal complaint is filed and an understanding cannot be reached by the parties involved, the Chief Human Resources Officer will render a written decision to the complainant regarding the district's actions and findings within 90-days of receiving the informal complaint. If the parties are able to come to an understanding and no investigation is necessary, no written decision regarding the complaint will be rendered to the complainant. However, if the informal complaint requires an investigation, regardless of any understanding reached by the parties, the will provide a written decision summarizing the results of the investigation to the complainant regarding the district's actions and findings within 90-days of receiving the informal complaint. If a formal complaint is received by the Chief Human Resources Officer, the district must investigate the complaint and a written decision summarizing the investigation results will be provided to the complainant within 90-days of receiving the informal complaint.

Policy Dissemination and Review

A summary of this policy and related materials shall be posted in a prominent place in each district facility. Notification of this policy, along with a summary, shall also be published in student registration materials, student handbooks, employee handbooks, and other appropriate district publications as directed by the Chief Human Resources Officer.

The Academic Senate, Faculty and Staff Diversity Committee, Management Leadership Council and President's Cabinet shall annually

review this policy's effectiveness. The Chief Human Resources Officer and the district's legal counsel shall review this policy annually to determine its compliance with applicable state and federal law, and shall update the policy accordingly.

Sexual Harassment Policy

(Applies to all Students, Faculty and Staff)

Purpose and Philosophy

Sexual harassment is one of many forms of discrimination and abusive behavior. Other forms of discrimination, such as that based on race, color, sex, ancestry, national origin, disability (mental and physical), including HIV and AIDS, medical conditions such as cancer, age (40 and above), and marital status, are also prohibited. Sexual harassment is abusive and illegal behavior that harms victims and negatively impacts the district's culture by creating an environment of fear, distrust and intolerance.

Because the district is committed to provide a safe, healthy environment for all employees and students that promote respect, dignity, and equality, it is the purpose of this policy to create and preserve an educational environment free from unlawful sexual harassment and discrimination on the basis of sex.

References

- 20 U.S.C. section 1681, Education Amendments of 1972, Title IX. No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance.
- 34 C.F.R. sections 106.1-106.71, U.S. Department of Education Office for Civil Rights Regulations Implementing Title IX. This provision requires designation of Student Judicial Affairs Coordinator, grievance procedure, and public notice of Title IX policies and procedures.
- 42 U.S.C. section 2000e, Civil Rights Act of 1964, Title VII. This provision prohibits employers from discriminating on the basis of sex.
- 29 C.F.R. section 1604.11, Equal Employment Opportunity Commission (EEOC) Regulations Implementing Title VII.

The following regulations provide guidelines on sexual harassment in the workplace.

- California Fair Employment and Housing Act (Government Code section 12900 et seq.)
- Sex Equity in Education Act (Education Code, section 66250 et seq.)
- Assembly Bill 80 of 1977 (Government Code sections 11135 et seq.)
- Chapter 2, Division 4, Title 2, of the California Administrative Code.
- Subsection 1 (Commencing with section 53000), Section 2, Chapter 1, Division 4, Title 5, of the California Administrative Code.
- section 87100 of the California Education Code.
- section 212.5 of the California Education Code.

Monitoring Responsibility

The Chief Human Resources Officer and the Director of Student Judicial Affairs as designated by the Board of Trustees, will be responsible for ensuring compliance with this policy. The Chief Human Resources Officer will yearly evaluate, among other things: The frequency and nature of complaints under this policy; employee and student compliance with the policy; employee and student perceptions of the policy's

effectiveness. Results of the evaluation will be used to modify or update the policy as appropriate, with an emphasis on remedying deficiencies.

Policy (BP 3430)

The policy of the Mt. San Jacinto Community College District is to provide an educational and employment environment including but not limited to access to its services, classes and programs in which no person shall be subjected to unlawful harassment and where such environment is free from unwelcome sexual advances, requests for sexual favors, sexual favoritism, or other verbal or physical conduct or communications constituting sexual harassment. It shall also be free of other unlawful harassment, including but not limited to harassment based on: race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex, age, or sexual orientation of any person, or because he or she is perceived to have one or more of the foregoing characteristics.

Any student or employee who believes that he or she has been harassed or retaliated against in violation of this policy should immediately report such incidents by following the procedures described in Administrative Procedure 3410.

The Superintendent/President shall establish procedures that define harassment on campus or in with district-sponsored events. The Superintendent/President shall further establish procedures for employees, students, and other members of the campus community that provide for the investigation and resolution of complaints regarding harassment and discrimination, and procedures for students to resolve complaints of harassment and discrimination. All participants are protected from retaliatory acts by the district, its employees, students, and agents.

District Administrative Procedure 3410 contains information regarding the specific rules and procedures for reporting charges of sexual harassment and pursuing available remedies. The following applies for the distribution of this policy:

1. This policy shall be displayed in a prominent location in the main administrative building or other areas where notices regarding the institution's rules, regulations, procedures and standards of conduct are posted.
2. The policy shall be provided to students as part of any orientation program conducted for new students at the beginning of each quarter, semester, or summer session, as applicable.
3. This policy shall be provided to all faculty, administrators, and staff at the beginning of the first semester of the school year, or at the time there is a new employee hired.
4. This policy shall appear in any publication of the district that sets forth the comprehensive rules, regulations, procedures, and standards of conduct for the institution.

Definitions

"Sexual harassment" is defined as being unwelcome sexual advances, requests for sexual favors, other unwanted physical or verbal conduct or communications of a sexual nature, and any other gender-based harassment, whether initiated by students, district employees, or third parties, when:

- Submission to the conduct is made explicitly or implicitly a term of employment or condition of a student's education (including any

aspect of the student's participation in district-sponsored activities, or any other aspect of the student's education);

- Submission to, or rejection of the conduct is used as the basis for decisions affecting employment status decisions, or a student's academic performance, or participation in district-sponsored activities or creates an intimidating, hostile, or offensive educational environment.

Unacceptable Conduct

Complaints received will be thoroughly investigated to determine whether the totality of the behavior and circumstances meet any of the elements of the definitions described in AP 3410. Unacceptable conduct may or may not constitute sexual harassment. Normally, unacceptable behavior must be severe or pervasive to be considered sexual harassment.

In evaluating the totality of the circumstances and making a determination of whether conduct constitutes sexual harassment, employees who observe unacceptable behavior, as well as administrators conducting an investigation, should consider:

- Is the conduct sexual in nature?
- Is the conduct derogatory toward one gender?
- Is the conduct unwelcome?
- Would the behavior be offensive to a reasonable person of the same gender as the victim?
- The nature, severity, and scope of the incidents;
- The number of students or employees involved directly or indirectly;
- The relationship of the parties involved (i.e. employee/student, fellow students, etc.), and whether there is equal power between the parties;
- The past discipline history of the parties involved;
- The frequency and duration of the behavior;
- Whether there is a pattern of behavior;
- Whether the conduct is verbal or physical.

EXAMPLES: Campus-related conduct that the district considers unacceptable and often a part of sexual harassment includes, but is not limited to, the following:

- Rape, attempted rape, sexual assault, attempted sexual assault, forcible sexual abuse, hazing, and other sexual and gender-based activity of a criminal nature as defined under the California State Penal Code;
- Unwelcome sexual invitations or requests for sexual activity in exchange for grades, promotions, preferences, favors, selection for extracurricular activities, or job assignments, homework, etc.;
- Any unwelcome communication that is sexually suggestive, sexually degrading, or implies sexual motives or intentions, such as sexual remarks or innuendoes about an individual's clothing, appearance or activities or exploits; sexual rumors and "ratings lists;" howling, catcalls, and whistles; sexually graphic computer files; messages or games, etc.;
- Unwelcome and offensive name-calling or profanity that is sexually suggestive, sexually degrading, implies sexual intentions, or that is based on sexual stereotypes or sexual preference;
- Unwelcome leers, stares, gestures, or slang remarks that are sexually suggestive, sexually degrading, or imply sexual motives or intentions;
- Unwelcome written or pictorial display or distribution of pornographic or other sexually explicit materials such as magazines, videos, films, Internet material, etc.;

- Any other unwelcome gender-based behavior that is offensive, degrading, intimidating, demeaning, or that is based on sexual stereotypes and attitudes.

Complaint Procedures

- In compliance with applicable federal and state law, it is the policy of the district to investigate promptly and resolve equitably all complaints of sexual harassment and discrimination on the basis of sex.
- Victims of sexual harassment shall be afforded avenues for filing complaints that are free from bias, collusion, intimidation, or reprisal.
- Victims of sexual harassment should document the harassment as soon as it occurs. In order to assist investigators, victims should document the harassment with as much detail as possible, including: the nature of the harassment; dates, times, and places it has occurred; name or names of harasser or harassers; witnesses of the harassment; and the victim's response to the harassment.
- To the extent they feel safe and comfortable doing so, victims are first encouraged to confront the harasser, verbally or in a letter and/or with an advocate present, and tell the harasser to stop the conduct because it is unwelcome. Victims should document the incident or incidents of continuing harassment, and any conversations they have with the harasser, noting such information as time, date, place, what was said or done, and other relevant circumstances surrounding the incident(s) and the effect or impact of the behavior on the victim.
- If the victim's concerns are not resolved satisfactorily by communicating with the harasser, or if the victim feels they cannot discuss the concerns with the harasser, the victim should directly inform a district employee of the complaint and should clearly indicate what action they want taken to resolve the complaint.
- Any employee who receives a complaint of sexual harassment from a student or another employee shall inform them of their obligation to report the complaint to the district's administration, and then shall immediately notify the Chief Human Resources Officer and/or the Director of Student Judicial Affairs.
- District employees who fail to report complaints of sexual harassment to appropriate administrators or law enforcement authorities may face disciplinary action, up to and including reprimand, suspension, or termination.
- District administrators, or other district officials who fail to report student or employee complaints of sexual harassment may also face disciplinary action, including reprimand, probation, or termination.
- Victims who contact a district employee with a complaint are encouraged to submit the complaint in writing. (See Attachment B – Discrimination Compliant Form available in the Human Resources Office) However, complaints may be filed verbally. Alternate methods of filing complaints (such as tape recorders, scribes, etc.) shall be made available to individuals with disabilities who need accommodation.
- The district encourages all persons involved to report complaints as soon as possible (i.e. within ninety (90) days after the incident), in order that complaints can be effectively investigated and resolved.
- Reports/Complaints to Law Enforcement Authorities

Consistent with district Policy, where a complaint contains evidence of violence or criminal activity, the employee and/or the Director of Student Judicial Affairs, shall refer the complaint to the district Chief Human Resources Officer and/or law enforcement authorities for investigation.

The district encourages any individual who has knowledge of sexual harassment of a violent or criminal nature to independently report the information to law enforcement authorities.

- California Community Compliance and Enforcement (Discrimination Complaints). The district will comply with title 5 of the California Code of Regulations, Subchapter 5, Articles 3 and 4, section 59334 et. al. (See Attachment A available in the Human Resources Office)
- Complaints may be filed with the following individuals:
 - Chief Human Resources Officer (employees or students)
 - Any administrator or supervisor (employees or students)

Confidentiality

It is district policy to respect the privacy and anonymity of all parties and witnesses to complaints brought under this policy. However, because an individual's need for confidentiality must be balanced with the district's obligations to cooperate with police investigations or legal proceedings, to provide due process to the alleged harasser, to conduct a thorough investigation, or to take necessary action to resolve a complaint, the district retains the right to disclose the identity of parties and witnesses to complaints to individuals only in appropriate circumstances.

Initial Investigation and (Informal) Resolution Procedures

(See Attachment A available in the Human Resources Office)

- The Chief Human Resources Officer and/or designee has the responsibility of conducting a preliminary review when he, she or they receive a verbal or written complaint of sexual harassment, or if he, she or they observe sexual harassment. Except in the case of severe or criminal conduct, the Executive Dean of Human Resources and/or designee shall make all reasonable efforts to resolve complaints informally. The goal of informal investigation and resolution procedures is to end the harassment and obtain a prompt and equitable resolution to a complaint.
- As soon as possible, but no later than three (3) working days following receipt of a complaint, the Chief Human Resources Officer shall commence an investigation of the complaint according to the following steps:
 - a. Interview the victim and document the conversation. Instruct the victim to have no contact or communication regarding the complaint with the alleged harasser. Ask the victim specifically what action they want taken in order to resolve the complaint.
 - b. Review any written documentation of the harassment prepared by the victim. If the victim has not prepared written documentation, instruct the victim to do so, providing alternative formats for individuals with disabilities who have difficulty writing.
 - c. Interview the alleged harasser regarding the complaint and inform the alleged harasser that if the objectionable conduct has occurred, it must cease immediately. Document the conversation. Provide the alleged harasser an opportunity to respond to the charges in writing.
 - d. Instruct the alleged harasser to have no contact or communication regarding the complaints with the victim and to not retaliate against the victim. If the alleged harasser does not comply with this instruction, they shall be subject to immediate disciplinary action.
 - e. Interview any witnesses to the complaint. Where appropriate, obtain a written statement from each witness. Caution each witness to keep the complaint and their statement confidential.

- f. Review all documentation and information relevant to the complaint.
- g. Where appropriate, suggest mediation as a potential means of resolving the complaint. In addition to mediation, utilize appropriate informal methods to resolve the complaint, including but not limited to:
 - i. Discussion with the alleged harasser, informing them of the district's policies and indicating that the behavior, if occurring, must stop;
 - ii. Conducting training for the department or area in which the behavior occurred, calling attention to the consequences of engaging in such behavior;
 - iii. Requesting a letter of apology to the complainant;
 - iv. Writing letters of caution or reprimand;
 - v. Separating the parties.
 - vi. Student or Employee Involvement and Notification
 - vii. The representatives or advocates of students who file complaints are welcome to attend each stage of both informal and formal investigation and resolution procedures. Employees bringing complaints shall be informed of their right to be advised by union officials or other professional representatives.
- h. Report back to both the victim and the alleged harasser, notifying them in writing, and also in person as appropriate, regarding the outcome of the investigation and the action taken to resolve the complaint. Instruct the victim to report immediately if the objectionable behavior occurs again or if the alleged harasser retaliates against them.
- i. Notify the victim that if they desire further investigation and action, they may request a formal district investigation by contacting the Vice President of Human Resources or designee. Also, notify the victim of their right to contact the U.S. Department of Education's Office for Civil Rights, the Department of Fair Employment and Housing (DFEH), and/or a private attorney.

Whenever a sexual harassment complaint is made, district administrators must take action to refer the complaint to the Chief Human Resources Officer or designee for investigation, even if the student does not request any action or withdraws the complaint.

If the initial investigation results in a determination that sexual harassment did occur, and the harasser repeats the wrongful behavior or retaliates against the victim, the Chief Human Resources Officer shall consult with the appropriate Vice President and the Superintendent/President to determine appropriate disciplinary action.

The Chief Human Resources Officer must consider the severity or pervasiveness of the conduct and exercise discretion in determining whether a formal investigation is necessary. If a complaint contains evidence or allegations of serious or extreme harassment, such as criminal touching, or quid pro quo (e.g. offering an academic reward or punishment as an inducement for sexual favors), the complaint shall be investigated immediately. In addition, where there is reasonable suspicion that the alleged harassment involves criminal activity, the Chief Human Resources Officer will immediately contact law enforcement authorities. Where criminal activity is alleged or suspected, the alleged harasser (employee) shall be placed on administrative leave pending the outcome of the investigation.

Formal Investigation

(See Attachment A and Section 7 available in the Human Resources Office)

Right to Representation and Other Legal Rights

The victim and the alleged harasser have the right to be represented by a person of their choice, at their own expense, during sexual harassment investigations and hearings. Students who file complaints may elect to be accompanied by another student of their choice at each stage of the complaint procedure. Victims also have the right to register sexual harassment complaints with the U.S. Department of Education's Office for Civil Rights (OCR).

Students and Employees

U. S. Department of Education
Office for Civil Rights, Region VIII
Federal Office Building
1244 Speer Boulevard, Suite #310
Denver, CO 80204
Tel: (303) 844-5695

Employees

State of California
State and Consumer Services Agency
Department of Fair Employment & Housing
110 West "C" Street, Suite 1702
San Diego, CA 92101
Tel: (619) 645-2691

United States Equal Employment Opportunity Commission (EEOC)

San Diego Area Office
401 "B" Street, Suite 1550
San Diego, CA 92101
Tel: (619) 557-7282

Nothing in this policy shall be construed to limit the right of the complainant to file a lawsuit in either state or federal court.

Retaliation Prohibited

Any act of retaliation against any person who opposes sexually harassing behavior, or who has filed a complaint, is prohibited and illegal and, therefore, subject to disciplinary action. Likewise, retaliation against a person who has testified, assisted, or participated in any manner in an investigation, proceeding, or hearing of a sexual harassment complaint is prohibited. For purposes of this policy, retaliation includes but is not limited to: verbal or physical threats, intimidation, ridicule, bribes, destruction of property, spreading rumors, stalking, harassing phone calls, and any other form of harassment. Any person who retaliates is subject to immediate disciplinary action, up to and including suspension, probation or termination.

Discipline

Any individual, including an individual with disabilities, who violates this policy will be subject to appropriate disciplinary action under applicable Board Policies, Unit Bargaining Agreements, and Education

Code discipline procedures. Disciplinary measures available to district authorities may include, but are not limited to, the following:

- Verbal warnings/reprimands;
- Written warning/reprimand in the employee or student's file;
- Requirement of verbal and/or written apology to victim;
- Mandatory education and training on sexual harassment by means of reading assignments, videos, classes, or other presentations;
- Involvement of policy and/or other law enforcement authorities.

In addition, if the harassment is severe or persistent, an individual who violates this policy may be subject to suspension, expulsion, probation or termination. Moreover, students who violate this policy may lose the privilege of participating in extracurricular activities such as athletics, student government, cheerleading, graduation ceremonies, etc. These penalties may be imposed even for first offenses, which are severe or extreme.

In determining what disciplinary or corrective action is appropriate, district officials shall consider the totality of the circumstances, including but not limited to:

- The number of victims and harassers involved;
- The prior disciplinary records of the harasser or harassers;
- The disability status of the victim and/or harasser or harassers;
- The threatened or actual harm caused by the harassment; and
- The frequency and/or severity of the harassment.

If district administrators have reasonable suspicion that the harassment involves sexual assault, rape, or any other activity of a criminal nature, they shall notify appropriate law enforcement authorities and immediately initiate appropriate due process proceedings to remove the alleged harasser party from the situation.

False Complaints

False or malicious complaints of sexual harassment will result in corrective or disciplinary action being taken against the complainant. The disciplinary measures available to the district are the same as those listed under the Discipline section of this policy.

Training

All students shall be informed of this policy in student handbooks, folders, and registration materials. A summary of this policy shall also be posted in a prominent location. All Associated Student Body officers shall receive district training about the policy at the beginning of each school year.

All new employees shall receive information about this policy at new employee orientation. All other employees shall be provided information annually and attend awareness training at least once every five (5) years regarding this policy and the district's commitment to a harassment-free learning and working environment.

The Director of Student Judicial Affairs and other administrative employees who have specific responsibilities for investigating and resolving complaints of sexual harassment shall receive yearly training on this policy and related legal developments from the Executive Dean of Human Resources.

The Chief Human Resources Officer and department administrators shall be responsible for informing students and employees on a yearly

basis of the terms of this policy, including the procedures established for investigation and resolution of complaints, general issues surrounding sexual harassment, the rights and responsibilities of students and employees, and the impact of sexual harassment on the victim.

Records

Separate confidential records of all sexual harassment complaints and investigations shall be maintained in the Chief Human Resources Officer. Records of investigations shall be maintained in the office of the Chief Human Resources Officer.

- Records of informal investigations and resolutions shall be retained for at least three (3) years.
- Records of investigations shall be retained for at least six (6) years.
- Records of complaints and investigations of blatant violations involving criminal touching, quid pro quo situations, or other criminal acts shall be retained permanently.

Americans with Disabilities Act (ADA)

Mt. San Jacinto College is committed to compliance with both the spirit and the letter of the Americans with Disabilities Act, as well as the Rehabilitation Act of 1973, and other laws protecting the rights of persons with disabilities. The Board of Trustees has established compliance with the Americans with Disabilities Act as an institutional priority, where this will not pose an undue burden or fundamentally alter the programs of the institution. The Director of Student Judicial Affairs, or designee, is the Americans with Disabilities Act coordinator for the district. Student and community members with concerns related to access to the college's facilities, programs and services should contact the Director of Student Judicial Affairs. Employees or employment applicants with ADA related concerns should contact the Director of Human Resources or Chief Human Resources Officer.

Should an individual feel that there has been an inappropriate restriction of access to employment or educational opportunities for one or more qualified persons with one or more disabilities, and an adequate remedy has not been forthcoming from the appropriate college office, that individual may file a petition in accordance with the following procedures:

- Petition for Review of Access to Employment shall be filed with the Chief Human Resources Officer or designee, who shall investigate each complaint and respond within ten (10) working days.
- Petition for Review of Access to Educational Opportunity shall be filed with the Director of Student Judicial Affairs or designee, who shall investigate each complaint and respond within ten (10) working days.
- The response to the petition shall include either a statement of what remedy to the complaint will be provided, or establish the date for a hearing by the A.D.A. Task Force. • Should a hearing be called, it will take place within thirty (30) working days from the date of notice.
- Following the hearing, the A.D.A. Task Force will provide a written response within ten (10) working days following the hearing.
- If the response of the ADA Coordinator (or designee) or of the hearing does not resolve the concerns of the petitioner, an appeal may be filed with the Superintendent/President who shall respond to the petition within ten (10) working days.
- Should the Superintendent/President's response not satisfy the petitioner, the Board of Trustees shall be the last level of appeal. The decision of the Board of Trustees shall be final.

Freedom of Speech

The campuses of the Mt. San Jacinto Community College District are non-public forums, except for those areas designated as Free Speech areas, which are limited public forums. The Superintendent/President shall enact such administrative procedures, as are necessary to reasonably regulate the time, place and manner of the exercise of free expression in the limited public forums.

The administrative procedures promulgated by the Superintendent/President shall not prohibit the right of students to exercise free expression, including but not limited to the use of bulletin boards designated for such use, the distribution of printed materials or petitions in those parts of the college designated as Free Speech areas, and the wearing of buttons, badges, or other insignia. Students shall be free to exercise their rights of free expression, subject to the requirements of this policy. Speech shall be prohibited that is defamatory, obscene according to current legal standards, or which so incites others as to create a clear and present danger of the commission of unlawful acts on district property or the violation of district policies or procedures, or the substantial disruption of the orderly operation of the district.

Nothing in this policy shall prohibit the regulation of hate violence, so long as the regulation conforms to the requirements of the First Amendment to the United States Constitution, and of Section 2 of Article 1 of the California Constitution. Students may be disciplined for harassment, threats, intimidation, or hate violence unless such speech is constitutionally protected.

Campus Speaking Area

In order to permit a forum for discussion and advocacy of issues and ideas outside the college curriculum, a Free Speech area shall be designated on each campus. This area shall be:

- Readily accessible to all students;
- Located so as not to require students to travel through it;
- Open to use on a first come, first served basis;
- Scheduled through the Outreach Office where all visitors, once approved, will obtain a copy of Education Code, Section 76120 and MSJC Administrative Procedures 3990 and be expected to abide by its guidelines.

Speech in the designated Free Speech areas shall not be limited except that:

- There shall be no use of electronic or other sound amplification that interferes with the conduct of classroom, laboratory, library, or office activities on campus.
- There shall be no obscene or slanderous speech or distribution of obscene or libelous materials.
- No speech shall be permitted which advocates the overthrow of the government.
- No speech shall express or advocate racial, ethnic, religious, sex-based, other hate-based prejudice or other speech that incites students so as to create a clear and present danger of the imminent commission of unlawful acts or of the substantial disruption of the orderly operations of the college.
- The Free Speech area shall not be used for any commercial activity. There shall be no solicitation of funds of any kind in the area, nor any implied solicitation of funds in the area.

- Speakers are responsible to ensure that all printed and other materials brought into the Free Speech area are removed at the conclusion of the activity, and that college funds shall not be required to return the Free Speech area to its original condition as the result of any individual or group exercising their rights of Free Speech in this area.

Campus Posting/Distribution of Materials

All non-classroom materials posted or distributed on any Mt. San Jacinto College campus or in any Mt. San Jacinto College facilities, which are not published by Mt. San Jacinto College, must be approved in advance by the Student Life and Development office. Please note, these postings will only be posted on our "Community Posting" boards on each campus and subject to available space on said posting boards.

- The approval will include a stamp placed on the front of the material.
- The expiration date for the approval will be included on the stamp. Posted materials will be removed from bulletin boards after the expiration date. Flyers that do not have the MSJC logo on them will be approved for two (2) weeks.
- Materials being distributed may only be distributed in the Free Speech area unless these materials are being distributed as part of an otherwise approved activity
- No printed material may contain the name Mt. San Jacinto College or in any way imply sponsorship or approval by Mt. San Jacinto College without advanced approval in writing. Use of the institution's name requires advance approval of the Board of Trustees.

The posting of printed materials shall in no way deface or mar the surface or substance of college facilities or other property.

- All items posted will be posted on designated bulletin boards/kiosks. There shall be no posting of materials of any kind in unauthorized areas, including but not limited to public restrooms.
- There is a size limit for all non-MSJC published flyers. They shall be no larger than 8.5" x 11".
- Posting will be done with thumbtacks or pushpins only. No staples, brads, nails, tape or other objects will be used.
- No materials will be taped or in any way attached to walls, pillars, painted surfaces, windows or other glass surfaces, trees, doors or other surfaces not specifically designated for the purpose of posting printed materials.
- It is not permissible to enter a classroom or laboratory for the purpose of posting printed materials when the classroom or laboratory is in use.
- Individuals damaging college property as a result of violating the above rules shall be required to pay for appropriate repair/replacement of the damaged property.

No printed materials will be distributed on automobiles or other vehicles in Mt. San Jacinto College parking lots.

All printed materials posted or distributed at Mt. San Jacinto College shall conform to the following district requirements:

- Printed materials may not contain any obscene, slanderous or libelous content.
- Printed materials may not contain any material, verbal or graphic, which incites so as to create a clear and present danger of imminent commission of unlawful acts on college premises or of the violation

of college regulations or the substantial disruption of college activities.

- Bulletin boards in the classrooms are designated for instructional and college materials only.
- Specific materials which benefit students, i.e. college book sales, local rooms for rent, health services, local employment opportunities, child care, secretarial services, tutoring services, carpooling information, etc., may be posted in designated areas.
- Books for Sale/Rooms for Rent forms are available as a courtesy in the Student Government Association Office. These forms will be approved and posted for thirty (30) days.

Students have the right to expect that all items approved for posting and/or distribution will be available through the expiration date assigned by the college. Individuals or groups who remove approved items without the permission of the individual or group approved to place the materials, and who remove these materials prior to the expiration date assigned by the college, shall be subject to discipline under the college's Standards of Conduct. Should the charge be proven, the individual and/or group will lose any rights to post materials at any Mt. San Jacinto College site for the remainder of the academic year. Additional discipline may be required, per the Standards of Conduct.

Notice

The following notice will be posted on all bulletin boards:

"Mt. San Jacinto College cannot be held responsible for the truthfulness and accuracy of content, or the quality of services or products offered as it relates to any public speech or posted materials."

Alcohol and Drug Free School

Mt. San Jacinto College is committed to maintaining a drug-free environment. State law and local regulation strictly prohibit the use, possession or distribution of drugs or alcohol on campus or at any college event, activity or on any college site. Violators will be subject to college discipline as well as arrest by local and/or state law enforcement agencies. Alcoholic beverages are only permitted on district property or facilities used for district-sponsored events in specific cases, as outlined in MSJCCD Board Policy/Administrative Procedures 3560.

Students are warned that the use of alcohol as well as the abuse of illegal drugs is hazardous to your health and the health of others. This notice is provided in compliance with federal laws and regulation. Further information can be obtained from the Riverside County Health Department, as well as other state and local agencies.

Cannabis Use

Cannabis use on any Mt. San Jacinto College Campus is prohibited per Health and Safety Code 11362.3 which does not permit any person to smoke or ingest cannabis or cannabis products in a public place, or where smoking tobacco is prohibited, except in accordance with 26200 of the Business and Professions Code. Additionally, per Health and Safety Code 11362.3, persons cannot possess nor smoke any open container or open package of cannabis or cannabis products while driving, operating, or riding in the passenger seat or compartment of a motor vehicle, boat, vessel, aircraft, or other vehicle used for transportation. "Smoke" per Health and Safety Code 11362.3 means to inhale, exhale, burn, or carry any lighted or heated device or pipe; including electronic smoking device

that creates an aerosol or vapor, or any other lighted or heated cannabis or cannabis product intended for inhalation.

Children on Campus

Unsupervised minor children on campus constitute a potential safety and insurance risk. Therefore, minor children will not be permitted on campus unless enrolled in college classes, participating in a college-approved event for which adult supervision is provided, or in the immediate supervision of their parent or guardian. This includes children of MSJC employees.

NOTE: Non-enrolled children will not be permitted to attend class, even if accompanied by parents or guardians. Exceptions in order to further the stated educational objectives of a course may be requested in writing through the office of the Vice President of Instructional Services.

Complaints

Any complaint about a grade, an instructor, or course content should be made to the instructor involved, then to that instructor's Department Chair, then to the Division Dean, and if necessary, to the Vice President of Instructional Services. See the Student Grievance Policy for a more formal procedure that is also available.

Crime Awareness

Mt. San Jacinto Community College District is required by the United States Department of Education to post and/or publish crime statistics. Crime statistics are available on the college website at MSJC. (<http://www.msjc.edu/>)

Revision of College Regulations

Any regulation adopted by the Board of Trustees and the administration of Mt. San Jacinto College, subsequent to the printing of this catalog, shall have the same force as a printed regulation in the catalog and shall supersede any ruling on the same subject which may appear in the printed catalog or official bulletins of the college.

Smoking Policy

The Board of Trustees for Mt. San Jacinto College District recognizes the serious health problems associated with smoking tobacco or other non-tobacco products and the use of smokeless tobacco. It also recognizes that tobacco smoke poses a health risk to smokers and non-smokers alike.

Out of respect and concern for the health and welfare of the entire campus community comprised of students, faculty, staff and guests, the MSJC Board of Trustees establishes this policy to designate all properties owned, leased, or rented by the District as smoke-free and tobacco-free environments.

Repeated violators of the smoke-free and tobacco-free campus policy will be subject to appropriate disciplinary actions (see Administrative Policy 3570).

STUDENT SERVICES & ACTIVITIES

- Accommodation Service Center (ASC) (p. 70)
- Athletics (p. 72)
- CalWORKs (p. 73)
- Career/Transfer Center (p. 73)
- Child Development and Education Center (p. 73)
- Cooperative Agencies Resources for Education (CARE) (p. 74)
- Counseling (p. 74)
- Cultural Events (p. 75)
- Eagle Access Center (p. 75)
- Enrollment Services (p. 75)
- Extended Opportunity Programs & Services (EOPS) (p. 75)
- Financial Aid (p. 76)
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- Supplemental Instruction (SI) (p. 80)
- Talent Search (p. 81)
- UMOJA (p. 82)
- Upward Bound (p. 82)
- Veterans Services (p. 83)
- Web Services Self-Service (p. 84)

Accommodation Service Center (ASC)

The ASC office provides support services, academic advisement, and educational accommodations to students with disabilities to ensure equal access to education pursuant to Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. The student's specific disability must be verified, and their approved academic accommodations are in direct relation to an educational limitation that impedes the student from fully participating in general education. For more information visit a campus site below or the ASC website (<https://msjc.edu/asc/>).

San Jacinto Campus (SJC)

1499 N. State St.
San Jacinto, CA 92583
Rm. 1112
Phone: (951) 487-3305
Email: dspsjic@msjc.edu (ascsjic@msjc.edu)
ASC Office Hours: Monday - Thursday 8:00am to 5:00pm

Friday - 8:00am to 12:00pm

Menifee Valley Campus (MVC)

28237 La Piedra Rd.
Menifee, CA 92584
Rm. 1019
Phone: (951) 639-5305
Email: dspsmvc@msjc.edu (ascmvc@msjc.edu)
ASC Office Hours: Monday - Thursday 8:00am to 5:00pm
Friday - 8:00am to 12:00pm

San Geronio Pass Campus (SGP)

3144 West Westward Ave.
Banning, CA 92220
Phone: (951) 487-3305
Email: dspsjic@msjc.edu (ascsjic@msjc.edu)
ASC Office Hours: By appointment only.
Contact ASC office in SJC for availability

Substitution/Waiver of Associate Degree or Certificate Requirements

POLICY AND PROCEDURES FOR STUDENTS WITH DISABILITIES

Policy:

Mt. San Jacinto Community College District (MSJCCD) acknowledges that a disability may preclude a student from demonstrating required math, reading and/or writing competencies or from completing the requisite courses for an Associate degree or certificate in the same manner as a nondisabled student. The District also recognizes its responsibility to accommodate to the greatest extent possible students with documented disabilities while maintaining the standards of academic rigor for all degree programs and without compromising a disabled student's course of study.

MSJCCD intends that all of its graduates master the competencies required by Title 5 of the California Administrative Code and complete the courses required for graduation. The District recognizes that most disabilities which prevent a student from completing a course can be overcome by altering the methods of course delivery and providing appropriate accommodations for students with documentation of related disability.

MSJCCD has set up four sequential levels of accommodation.

1. Accommodation Level I involves a good faith effort to complete the course with assistance; for example, use of authorized academic accommodations, tutoring, and auxiliary aids. The students' good faith effort will be determined jointly by the instructors of record and the Accommodation Service Center (ASC) Director.
2. Accommodation Level II may include a supported version of the course if such version is offered by the department, such as MATH 96 with Supplemental Instruction (SI) which is offered through the mathematics department.
3. For some students with disabilities, such accommodations and alterations of course delivery will not be sufficient to enable him/her to complete the course. For these students, Accommodation Level III

may be available, namely, a course substitution considered on a case by case basis under the conditions described below.

4. Only in the most extreme cases and after all other levels have been attempted, Accommodation Level IV may be available. This consists of a course waiver.

If a student with a documented disability can demonstrate to the ASC Director that every available Accommodation Level I and II is insufficient to enable him/her to complete the course, or if the student can demonstrate to the ASC Director that his/her disability is of such magnitude that any attempt at completing a course at Accommodation Level I or II would be futile, that student may appeal by submitting a petition to the Appeals Committee. After accepting the petition request, the Appeals Committee will meet to determine whether (1) to accept or reject the ASC Director's recommendation and/or (2) to determine whether a course substitution or, as a last resort, a course waiver is more appropriate.

A good faith effort to meet the graduation requirement includes

(1) consistent and persistent effort in attempting course work; (2) regular attendance, completion of all assignments; (3) use of all appropriate and available services such as tutorial assistance or instructional support classes; and (4) use of all appropriate and available academic adjustments such as test accommodations.

It is up to the Academic Department to develop a list of acceptable substitutions. The Appeals Committee will (1) review the ASC Director's recommendation that the disabled student's situation precludes Accommodation Levels I and II, and (2) determine if such a substitute or waiver will still meet the required competencies.

A course substitution (Accommodation Level III) will be allowable only if the Appeals Committee determines that the course in question is peripheral to the student's program of instruction, major or licensing requirements, and that the student has no chance of completing the course even with all Level I and Level II accommodations the District offers. A waiver (Accommodation Level IV) will only be considered when there is evidence that a satisfactory course substitution cannot be found and there are no viable alternatives as determined by the sub-committee. {"Academic requirements that the District can demonstrate are essential to the program of instruction being pursued by the student, or directly related to licensing requirements, will not be regarded as discriminatory." Volume 34 of the Code of Federal Regulations 104.44(a)} NOTE: Students will be informed in writing that a substitution or waiver granted by MSJC may not be recognized by any other educational institution to which the student may attempt to transfer.

ADMINISTRATIVE REGULATIONS

Procedures:

1. A student seeking accommodations in completing a course due to a documented disability shall request assistance from the Accommodation Service Center (ASC) Director. The student may present to the ASC Director a previous assessment of his/her disability.
2. The ASC Director will assess and document the extent of the disability (considering whatever evidence, if any, the student presents from prior assessments of his/her disability). Depending on the severity and educationally related functional limitations of the assessed disability, the ASC Director shall recommend appropriate Accommodations Level I, Accommodations Level II, or appropriate auxiliary aids. If the ASC Director concludes that the severity

of the disability warrants a course substitution or, in the most extreme cases, a course waiver (or if the student believes he/she is sufficiently disabled, but the ASC Director does not), he/she submits a petition to the Appeals Committee.

3. The Appeals Committee shall have the following members:
 - a. Dean of Students Services
 - b. The MSJCCD ASC Director, or designee
 - c. A college Counselor (to review the students most current Student Education Plan)
 - d. The college's evaluation officer (as needed for transcript/ graduation information)
 - e. The Director of Enrollment Services
 - f. The Director of Academic Records and Enrollment Support

This committee shall hear the case brought by the disabled student seeking course substitutions or waivers under any one of the following conditions:

- a. The student, having made a good faith effort to complete the required course in question and having availed him/herself of the Level I and Level II accommodations recommended by the ASC Director, has been unable to satisfactorily complete the course, or
- b. The student and the MSJCCD ASC Director agree that, due to the severity of the disability, even beginning the course with Level I and Level II accommodations is futile, or
- c. The student wishes to appeal the MSJCCD ASC Director's assessment that his/her disability is not sufficient to warrant a substitution or, in the most extreme cases, a waiver.

4. For condition "c.", the first responsibility of the Appeals Committee will be to review and act on the issue. For condition "a.", the committee must first determine if the student has made a good faith effort to complete the class. If the committee decides that the student has made a good faith effort, or if condition is "b." is deemed appropriate by the ASC Director, the committee will then determine if the course in question is essential to the student's program of instruction, major or licensing requirements. If the committee decides it is, the substitution (or, in the most extreme cases, waiver) request shall be denied to protect the integrity of the program and to protect the student's best interest in pursuing that program. *Notation of the substitution will be included in the Colleague system.* If the course in question is found to be peripheral to the student's major or course of study, the committee will seek to provide an appropriate course substitution. If no appropriate substitution can be found, or, in the most extreme cases, if the committee concludes that a course substitution is inappropriate due to the severity of the disability, a waiver may be recommended by the subcommittee, again, only if the course is found to be peripheral to the student's program of instruction, major or licensing requirements. The committee's decisions will be determined by a majority vote.
5. The Appeals Committee will make every attempt to forward its decisions in writing to the student within three weeks of receiving the original written petition.
6. If the student with a documented disability is dissatisfied with the committee's decision, he/she may appeal to the Vice President of Student Services. Barring unforeseen circumstances, each level of appeal will be resolved within two weeks:

- a. If the appeal to the VPSS is denied, the second appeal is to the College President.
- b. If the second level appeal is denied, the third level appeal is to the MSJCCD Governing Board.

Course Substitutions Policy

When the severity of a documented and relevant disability prevents successful completion of a mathematics course required for the purpose of graduation and/or certification, a student may request a course substitution for math 96 as an alternative method of meeting the mathematics requirement for graduation. The Course Substitution Policy and Procedures for Students with Documented Disabilities and related documents are available upon request in the Accommodation Service Center (ASC) office or in the Enrollment Services Office.

Math Substitution as an Academic Accommodation:

It is the policy of the Mount San Jacinto College District (MSJCCD) to provide an equal opportunity for students with disabilities in accordance with state and federal laws and regulations, including Section 504 of the National Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, and Title 5 of the California Code of Regulations.

It is the intent of the college that students with disabilities be admitted to courses and programs on an equal basis with all other students. To ensure quality of access for these students, academic accommodations and auxiliary aids are provided to the extent necessary to comply with all the regulations. **When the severity of a disability of an otherwise qualified student creates an obstacle to successful completion of a course required for graduation from MSJC, despite a good faith effort (except in an extraordinary circumstance) and the use of accommodations on the part of the student, a course substitution may be considered.**

The adoption of the following courses were selected because of their critical and analytical thinking components, as acceptable substitution alternatives for the Title V General Education Math Competency requirement by students with verified disabilities whose request for course substitution has gone through the process in the Academic Accommodation Procedures.

Good Faith Effort with Accommodations

Documentation Checklist

The Good Faith Effort with Accommodations Documentation should be in writing and all statements should be attached to the *Academic Standards Petition* when it is submitted to the Accommodation Service Center (ASC) Director.

1. Document that you began your course sequence at the appropriate level pursuant to AB705 based on the following methodology.
 - a. CCCApply: Students who have graduated from high school within the last 10 years will be asked about their high school course completion and GPA within the CCCApply admissions application.
 - b. Guided Placement Tool: Students who graduated over 10 years ago, graduated in another country, and/or Non-high school/non-graduates will be directed to complete the Guided Placement Tool. This placement method is administered at the Placement

Centers on a walk-in basis. This process takes an average of fifteen minutes to complete.

- c. Placement Clearance Form: Students can also choose to complete a Placement Clearance Form with a counselor.
2. Document that you used the services authorized on your ASC Academic Accommodation Plan (AAP) (e.g., extended time on exams and tutoring). Verification of services can be obtained through the ACS Support Services Office and your ACS specialist.
3. Document tutoring assistance. The Academic Tutoring Center, Math or Writing Labs, and ASC Academic Support can provide written verification. If other sources have been used by you, have the person(s) helping you write a letter verifying you participated regularly in tutoring or a study group.
4. Request that your instructor write a statement regarding:
 - a. lack of possibility that you would complete the course successfully by the deadline to drop with a "W"; and
 - b. that you attended class regularly, turned in the required assignments, took the exams, and met with the course instructor to discuss problems and concerns.

Review all documentation with your counselor or ASC Director to ensure you have the necessary verifications for demonstrating you have met "Good Faith Effort with Accommodations" criteria.

Athletics

Learning Outcomes

- Recognize the application of life skills learned as a competitive intercollegiate student athlete;
- Demonstrate pride in the team and/or individual athletic performance;
- Identify and apply the registration and transfer process required for intercollegiate student athletes;
- Identify and utilize student support services on campus.

Mt. San Jacinto College Eagles field intercollegiate teams in men's football, basketball, baseball, golf and tennis; and women's indoor volleyball, beach volleyball, soccer, basketball, tennis, golf and softball. The college is a member of the Inland Empire Athletic Conference, which is governed by the California Community College Athletic Association (CCCAA).

To participate in athletics, a student must maintain enrollment in a minimum of twelve (12) units. To be eligible for a second season of participation, a student must complete twenty-four (24) units with a 2.0 (C) grade-point average between seasons of participation. Eligibility must be carefully verified based upon high school graduation date, residence and academic success. Additionally, to remain eligible to represent an institution in intercollegiate athletics competition a student athlete has to successfully complete at least six (6) units (semester or quarter) during the preceding academic term in which the student is enrolled as a full-time student at the certifying institution with a cumulative 2.0 GPA beginning with and including the units taken during the first semester/quarter of competition. Additional information concerning athletic eligibility regulations is available from the Dean of Physical Education and Athletics. Students must enroll in the appropriate section of physical education to receive two (2) or three (3) units of credit for the sport.

CalWORKs

Career Education Overview

The MSJC CalWORKs program serves students and their families by providing educational and career opportunities combined with an array of high quality support services that enable students to complete their educational goals, find meaningful employment, and successfully transition into the workforce.

MSJC CalWORKs program works in collaboration with the Department of Public Social Services to assist students with their education, training and job skills. If you are a CalWORKs cash aid recipient with minor children and attending or planning to attend MSJC, you may be eligible to receive special support services.

CalWORKs Work Study Program

MSJC CalWORKs work study provides on campus employment for CalWORKs students enrolled in at least 6 units and have a minimum 2.0 G.P.A. The CalWORKs Job Developer works together with students to find employment closely related to their major. Work-study employment placements provide an opportunity to gain current work experience while completing their educational goals.

For more information contact the MSJC CalWORKs Program at (951) 487-3475 or email us at Calworks@msjc.edu

CalWORKs Student Services include:

- Academic, career and personal counseling
- Priority registration – for SAP eligible CalWORKs students only
- Case management and tracking of student progress
- Work study program – employment on campus
- Computer Lab – use our computer lab to study and to complete and print required assignments
- Childcare – CalWORKs funding available to MSJC Child Development Center
- Limited school supplies
- Laptop Loan Program – borrow a laptop to complete required assignments for your classes
- Provide information about welfare-to-work requirements.
- Workshops on Work/Life Skills – each semester we provide workshops to help you grow personally and professionally

Career/Transfer Center

Career Services

Learning Outcomes

- Complete a career assessment and receive professional interpretation by a counselor to assist the student in exploring career choices;
- Apply career research skills based on current career information trends;
- Demonstrate employment readiness skills.

The Career/Transfer Centers on the San Jacinto and Menifee Valley campuses help individuals with their career development through career assessment, career education and employment related services.

The career planning process typically begins with scheduling an appointment with a counselor to discuss future goals and options. The Career/Transfer Centers offer interest inventories, values and skills tests as well as assessment of personality preferences. The results of these assessments are used as the basis for career exploration and counseling. Guidance courses are also offered to prepare for College Success, Career Life Planning, Creative Job Search and other related topics. Refer to the Guidance Section of the catalog for course descriptions.

Career resources are available for career planning, exploring career possibilities and researching employers. These resources include the computer based system Eureka, Career Café, California Career Zone, Eagle Career Connection and several other online career resources. To see all career resources available to MSJC students go to msjc.edu/careercenter/ (<http://www.msjc.edu/careercenter/>). The Career/Transfer Centers offer a variety of workshops, at no cost to students, to help students with their career needs. They include such workshops as Setting Goals, Job Search, Interview Skills, and Career vs Major. To register and see what is currently being offered, visit the above link and click on the Campus Schedule of Events.

The Career/Transfer Center posts current full and part-time job announcements at the San Jacinto Campus bulletin board in building 1150 and at the Menifee Campus in building 100. Additionally, employment announcements are posted on the Internet by means of the MSJC Eagle Career Connection as well as through e-mail, via E-mail Blast. To register for Email Blasts, sign up at the Career Transfer Centers at the San Jacinto Campus, building 1150 or the Menifee Valley Campus, building 100.

Transfer Services

Learning Outcomes

- Evaluate transfer options to four year institutions;
- Formulate a comprehensive transfer Student Educational Plan with a counselor; and
- Apply the transfer process to a four year institution.

The Career/Transfer Centers provide support services for students interested in transferring to Baccalaureate Awarding colleges and universities. These services include counseling appointments with university representatives, workshops on admissions requirements, how to apply to universities, in-state, and private, public and out-of-state options. In addition, the Centers sponsor an annual college fair on each campus with forty (40) plus university recruiters participating. The Centers also have computers dedicated for the use of students interested in transferring. Students can access ASSIST an online articulation system that lets students know the major preparation requirements for California public universities both in the University of California (UC) and California State University (CSU) system. It also has general education requirements for UC (IGETC) and CSU (CSU Breadth). Eureka, a computerized library of careers also features an extensive collection of colleges and universities, short-term training options and many more valuable tools to guide student in their career and training decisions.

Child Development and Education Center

The Mt. San Jacinto College Child Development and Education Center (CDEC) is located on the San Jacinto Campus. The CDEC serves as a lab program for MSJC and the Teacher Education & Developmental Studies

(TEDS) program. The CDEC provides high quality child care for the children of MSJC students and the community by offering a welcoming, nurturing, safe, and educational environment. Our MSJC students are our first priority! We are committed to your success! It is our privilege and responsibility to serve and support you in reaching your educational goals and in improving your life and community.

The CDEC provides an education and care program for children ages 18 months through 5 years of age. Enrollment applications are accepted without regard to race, gender, sexual orientation, religion, disability, ethnicity, or national origin. The Center is open when the college is in session (fall and spring terms) from 7:30am - 5:30pm, Monday through Friday. We offer several enrollment options based on family income and need:

- Free California State Preschool/Pre-K Program
- Subsidized Child Care: Full-time/Part-time
- Children of CalWORKs students

Cooperative Agencies Resources for Education (CARE)

Cooperative Agencies Resources for Education (CARE) is a program which is above and beyond the Extended Opportunity Programs and Services (EOPS) which provides educational support services and activities for the academically underprepared students. CARE functions in cooperation with the Department of Public Social Services, Employment Development Department, and Mt. San Jacinto Community College District. EOPS students that are eligible for CARE receive additional assistance with childcare and a number of other support services.

ELIGIBILITY

- Eligible for EOPS;
- Must have unmet need;
- Current recipient of TANF/CalWORKs/Tribal TANF;
- One dependent child under the age of eighteen (18) years of age;
- Receive cash aid for themselves or their children;
- Single head-of-household;
- Eighteen (18) years of age or older;

SERVICES

- Counseling
- Child care grant *
- Graduation packs*
- Meal cards*
- Assistance with books/some supplies*
- Community Referrals

*All services are based on available funding and the students financial unmet need.

STUDENT RESPONSIBILITY

- Complete CARE orientation
- Complete an intake with the CARE Coordinator
- Complete the Agency Certification form

- Complete the Child Care Verification form
- Comply with EOPS Mutual Responsibility Contract
- Complete the required workshops for child care grants and meal cards

APPLY

- Complete an EOPS application
- Complete CARE Eligibility Form (Will be emailed to your student email by EOPS/CARE Program Specialist and/or CARE Coordinator)

Counseling

Learning Outcomes

- Make an informed decision regarding their educational planning and student development through a collaborative process of research, dialogue, and implementation;
- Demonstrate the ability to inquire and comprehend college processes through technology, face-to-face contact, and publications;
- Demonstrate academic success by taking personal ownership in the educational planning and student development;
- Demonstrate the ability to comprehend and utilize technology by navigating through educational resources;
- Develop an awareness of academically and culturally diverse programs on campus through dialogue and publications provided by Student Services.

Mt. San Jacinto College offers comprehensive counseling services to assist students in meeting educational, vocational and personal goals. The counseling program further seeks to contribute to the development and maintenance of a college environment.

The counseling program provides assistance and information to individual students regarding academic, personal, transfer and career guidance concerns. Students who would like help with any of these issues are encouraged to contact the counseling center.

Additional services provided by the counseling staff include:

1. Assistance to adults returning to school;
2. Interpretation of aptitude and career assessments;
3. Information and guidance for transfer to other colleges and universities;
4. Information regarding completion of MSJC certificates and associate degrees;
5. Personal and crisis counseling;
6. New Student Counseling Sessions;
7. Assistance with development of a student educational plan; and
8. Counseling for students who are on academic and/or progress probation.

The counseling staff utilizes the expertise of and can refer students to:

- Career/Transfer Center
- Child Development and Teacher Training Center
- Extended Opportunity Programs & Services (EOPS)
- Cooperative Agencies Resources for Education (CARE)
- Accommodation Service Center (ASC)

- Financial Aid
- Learning Resource Center

Cultural Events

As part of MSJC's commitment to equity and racial justice (MSJC Equity Pledge, MSJC Equity strategic plan, and MSJC's Call to Action), the college provides a wide range of cultural events centering the diverse spectrum of MSJC student identities. Whether it's a celebration of Juneteenth, Black History Month and Renaissance Cafe, DREAMers/ Undocumented Student Week of Action, LGBTQ+ Pride Events, Dia de La Familia and/or Dia de La Muertos events, the AAPI "We are Not Invisible" series, MSJC always strives to honor and celebrate the beautiful diversity of our students. These events include both day and evening programs and are open to students and the surrounding community.

Eagle Access Center

The Eagle Access Center is available to current and prospective students. Friendly staff and college mentors (students especially trained to offer "student-to-student" assistance) are available to assist in using the online admissions application, orientation and registration process.

In addition, help is available in accessing the FAFSA (Free Application for Federal Student Aid), the CA Dream Act application (for undocumented students) and searching for scholarship information online.

Learn more at eagle-access-centers (<https://msjc.edu/enroll/eagle-access-centers.html>) or visit the Student Support HUB (<https://msjc.edu/hub/>) online for virtual assistance.

Enrollment Services

Learning Outcomes

- Identify and utilize departmental online services thereby demonstrating independence and responsibility pertaining to admissions and registration;
- Recognize procedure related documents connected to services, i.e., transcript request, petition submission, prerequisite evaluation, application for graduation, etc.; and
- Develop an awareness of the important date calendar via information in the online schedule of classes.

The Enrollment Services Office provides a number of services to students, faculty, staff and members of the community. General information about the college as well as detailed information about policy and procedures provided. The office processes a variety of forms (petitions, school parent agreements, transcript requests, credit by examination and enrollment verification) and performs a variety of functions (admissions, registration, evaluation of transcripts and graduation). Student academic records are electronically imaged and maintained by this office. Quality customer service and student success are placed as our highest priorities while supporting the mission of the College and serving a diverse population.

Extended Opportunity Programs & Services (EOPS)

The Extended Opportunity Programs & Services (EOPS) program was established as a result of Assembly Bill 164 passed by the California Legislature in 1969 to increase the enrollment in community college campuses who have been marginalized by economics, education, and

society. The primary goal of EOPS is to promote educational achievement and personal growth by providing comprehensive counseling and advising to students who face academic, social, and economic barriers in higher education.

Learning Outcomes

- Demonstrate the ability to comprehend EOPS processes through face to face contact, publications and technology.
- Demonstrate their ability to successfully complete program requirements towards earning an Associate Degree, transferring to a four-year university or earning a vocational certificate that will lead to rewarding employment.
- Identify and utilize departmental online services thereby demonstrating independence and responsibility pertaining to EOPS;

ELIGIBILITY

To be considered for eligibility in the EOPS program, a student must:

- Be a resident of California, or meet AB540/California Dream Act requirements;
- Be enrolled full-time (12 units) with MSJC when accepted by the EOPS program;
- Qualify to receive a California College Promise Grant A or B after applying for financial aid by filing a Free Application for Federal Student Aid (FAFSA);
- Be educationally disadvantaged as determined by the EOPS program; and
- Have completed less than sixty (60) degree applicable units.
- Foster youth students are exempt from the unit completion.

SERVICES

EOPS provides eligible students with specialized services which extend "above and beyond" college services, including:

- Academic, vocational and personal counseling
- Book grants*
- Priority registration
- Fees not covered by the California College Promise Grant (CCPG) - Student Health Fee, Transportation, SGA and parking fees*
- Meal grants/vouchers*
- Educational Supplies*
- Required course materials*
- Referrals
- UC/CSU application waivers
- Graduation packs*

*= Please note that these specialized services are based on availability of funds, your unmet need and are subject to change.

HOW TO APPLY

The EOPS and CARE application is located on the web at [msjc.edu/eops/](http://www.msjc.edu/eops/) (<http://www.msjc.edu/eops/>). Applications are accepted prior to the beginning of the semester however please check the EOPS annual calendar for application opening periods. Applications are only accepted during these open periods.

LOCATIONS

The EOPS/CARE office is located on the San Jacinto Campus and Menifee Campus. Counselors are also available at the San Geronio Pass Campus and Temecula Valley Campus. The San Jacinto and Menifee offices are open Monday through Thursday from 8:00 AM to 5:30 PM and on Friday from 8:00 AM to 12:00 noon. Times may vary during holidays and summer.

CONTACT US

Visit us on the web at msjc.edu/eops/ (<http://www.msjc.edu/eops/>), for more information about the program and our office hours. You may also contact the EOPS/CARE staff by calling (951) 465-8363 or via email at eopsoffice@msjc.edu.

Financial Aid

Learning Outcomes

- Demonstrate the ability to inquire and comprehend financial aid processes through technology, face-to-face contact, and publications;
- Demonstrate academic success by taking personal ownership in their educational planning and knowledge of financial aid requirements, policies and procedures;
- Students will be able to manage their work schedule, be responsible, and communicate effectively with their employers, co-workers and the public when participating in the Work Study Program;

While Mt. San Jacinto College subscribes to and supports the philosophy that primary responsibility for funding college expenses rests with students and their families, the college recognizes that some students and/or their families have limited financial resources and are unable to meet all of the expenses associated with higher education without supplemental assistance.

To help accommodate these supplemental student needs, the college provides a variety of financial assistance through the Financial Aid Office in building 1150 on the San Jacinto Campus or the Financial Aid Office in building 100 on the Menifee Valley Campus.

Available services range from:

1. administration of various Federal Financial Aid programs, including Pell Grant, Federal Supplemental Educational Opportunity Grant (FSEOG) and Federal Work Study;
2. State of California aid programs, including enrollment fee waivers through the California College Promise Grant (CCPG), Cal Grants, Student Success Completion Grant (SSCG), and California Chafee Grant for Foster Youth (Chafee);
3. Bureau of Indian Affairs (BIA) Tribal Grants.

Application

Financial aid funds come from appropriations made by the federal and state governments and through scholarship awards made by individuals and other public and private agencies and organizations. Hence, each of these funds must be administered according to different sets of policies, regulations, and/or specific requirements.

To apply for financial aid from Mt. San Jacinto College, students must file the Free Application for Federal Student Aid (FAFSA) or the CA Dream Act application (for undocumented students). The FAFSA is a multi-purpose form that is used to apply for federal aid as well as California Grants from the California Student Aid Commission. The FAFSA is available online at [fafsa](http://www.fafsa.gov) (<http://www.fafsa.gov>). The CA Dream Act application is available

online at [dream](http://dream.csac.ca.gov) (<http://dream.csac.ca.gov>). Students are also required to file a grade-point average verification form with the California Student Aid Commission for a Cal Grant by March 2. Check with the Financial Aid Office for priority deadlines for the FAFSA and the CA Dream Act application.

Student Eligibility

Policies relating to federal admission and academic progress of the college are described in this edition of the college catalog. Financial aid administered or approved by Mt. San Jacinto College under Federal Pell Grant, Federal Work Study (FWS) or Federal Supplemental Educational Opportunity Grant (SEOG) is based on the student meeting the following conditions:

- Be a U.S. citizen or eligible non-citizen;
- Be registered with Selective Service (if required);
- Have a valid Social Security Number;
- Be working toward a degree or certificate;
- Be making satisfactory academic progress;
- Not owe a refund on a Federal grant or be in default on a Federal educational loan;
- Have “financial need” as determined in part by submitting the FAFSA;

Federal Student Aid (FSA) Regulations designate the amount of Federal Pell Grant funds a student may receive over his or her lifetime is limited by a new federal law to be the equivalent of six (6) years of Pell Grant funding. Since the maximum amount of Pell Grant funding a student may receive each year is equal to 100%, the six-year equivalent is 600%. This Federal Regulation is not appealable.

To be eligible for California grants, you must:

- Be a resident of California or be eligible for AB540, California Non-resident Tuition Exemption; and
- Have “financial need” based on the criteria for the California College Promise Grant or Cal Grant Program.

Additional information about financial aid is available on the Mt. San Jacinto College Financial Aid website at Financial Aid (<http://www.msjc.edu/financialaid/>) and in the Financial Aid office on both campuses.

MSJC Standards of Satisfactory Progress for Financial Aid Eligibility

This policy has been developed for students receiving Federal Financial Aid to assist in academic planning and success. Federal regulations require a student to move toward the completion of a degree or certificate when receiving financial aid.

Federal regulations state that Academic Progress Standards must include a review of periods of enrollment in which the student did not receive aid as well as the semesters they did receive aid. All students receiving Financial Aid will be expected to meet standards for academic progress each semester and complete a degree or certificate program within 150% of the published unit requirements for the chosen program of study.

At Mt. San Jacinto College, the limit is ninety (90) units for most programs. Information regarding the standards the student must maintain to be making satisfactory academic progress at Mt. San Jacinto College is available in the Financial Aid Office on the San Jacinto or

Menifee Valley campuses or on the Mt. San Jacinto College website (<https://www.msjc.edu/financialaid/sap-policy.html>).

Financial Aid Refund/Repayment Policy

Federal Law requires students who receive federal Title IV aid and leave school before completing 60% of the term will be required to pay back some or all of the aid received. Information regarding any return of federal Title IV financial aid funds as required by regulations is available from the Financial Aid Offices at the San Jacinto and Menifee Valley campuses and on the MSJC Financial Aid website.

Federal Law also requires that students who received federal Title IV aid and drop classes will be required to pay back some of the aid received. Information regarding reduced enrollment as required by regulations is also available at the Financial Aid Offices at the San Jacinto and Menifee Valley campuses and on the Mt. San Jacinto College Financial Aid website at Financial Aid (<https://www.msjc.edu/financialaid/repayment-policy.html>).

First Year Experience (FYE) Program

Starting college for the first time? Soar into excellence with the First Year Experience (FYE) Program!

The FYE Program is designed to make sure students have a smooth transition into college life. We provide first year students with extra support during the on-boarding process and their first two semesters, so they connect with the college and identify a degree path that leads to faster degree completion or transfer. Any first time college student can become part of the FYE program! Previous dual or concurrent enrollment students who took courses through MSJC are welcome to apply.

Students in the FYE program receive the following benefits:

- Early registration
- Access to FYE Counselors
- Access to peer FYE Mentors
- FYE workshops and events

For more information, visit us at FYE (<http://msjc.edu/fye/>)

Guiding Light Program

Guiding Light is a student services program under the purview of Extended Opportunities Programs and Services (EOPS). The mission of Guiding Light is to provide a pathway to a brighter future through innovative, transformative, support services, above and beyond the scope of the college and EOPS for current and alumni foster youth students attending Mt. San Jacinto Community College District.

Program Outcomes

Guiding Light will expand the goals established by the Foster Youth Services Initiative and MSJC Call to Action through the following;

- Increase student self-efficacy
- Increase student access to jobs in the community
- Increase student success and persistence
- Improve student advocacy for self and community
- Create community and nurture atmospheres of belonging for foster youth students

- Center the voices of our foster youth students and acknowledge the intersectionality of their various identities
- Education the campus community (students, faculty, staff, administrators) on key legislation, resources, and experiences of foster youth students.

Who is Eligible?

To qualify for Guiding Light, you must meet all the following requirements:

- Have completed the application for MSJC via CCCApply
- Be 18 years or older ¹
- Be a current or alumni foster youth (Program eligibility is not based on when you entered or exited the foster care system or how old you are today.)
- Be enrolled in at least 9 units ²

¹ Students between the ages of 16 to 17 may be eligible on a case by case basis given they meet all other eligibility criteria.

² Students receiving services through ASC may be waived from this criterion. Unit waivers may be granted at the discretion of the Program Director and/or Guiding Light Counselor/Coordinators.

How Can I Apply for Guiding Light?

The application process for Guiding Light begins when you apply to MSJC. The process is as follows:

1. Apply to MSJC
2. Report Foster Youth Status on CCC Open Application
3. A Guiding Light Counselor will contact you to complete the onboarding process for the college and Guiding Light.

How to Report Foster Youth Status on CCCApply:

Under the "Residency" tab of the CCCApply application there are "Special Residency" questions specific to Foster Youth Status:

1. Foster Youth Status {Have you ever been in court-ordered foster care?}
 - You will answer (Yes or No) to this question.
2. When did you exit foster care?
 - You will select which option below best applies to you.
 - I am currently in foster care (including extended foster care after age 18).
 - I aged out/emancipated from foster care or exited voluntarily on or after my 18th birthday.
 - I exited the foster care system before my 18th birthday.
 - I am not sure at what age I exited foster care.

Note: If you did not, indicate that you were in foster care on your CCCApply application, for whatever reason, and feel that you are eligible for Guiding Light please see the Guiding Light Counselors for further assistance.

Once you have applied to MSJC, you will need to meet with the Guiding Light Counselor to complete the onboarding process. If possible, you will want to bring your dependency verification form to your first meeting with the Guiding Light Counselor. You can obtain the dependency verification form one of three ways:

1. Contact your County Social Worker
2. Contact the ILP Hotline 951-358-6748
3. Contact the Office of the Ombudsman at 1(877)846-1602 or fosteryouthhelp@dss.ca.gov
3. If you do not have a dependency verification letter and/or do not know how to get one. It is okay, the Guiding Light Counselor can help you with this step.

Housing

No housing facilities are available at the college and the college assumes no legal responsibility for providing or supervising housing facilities.

Learning Resource Center

The Learning Centers, located at the Menifee Valley and San Jacinto Campuses, provide tutoring online and in person (when campus is open), group study and meeting spaces, handouts, workshops, computers, and other learning support resources for all MSJC students free of charge! Help is available in math, English, science, and numerous other classes. Support is also provided to help improve your learning skills, such as time management and test anxiety. Tell us what you know so far and we can help you take the next steps in your college classes. Online tutoring is available in Canvas, and math support for 100 level courses is available 24/7 through NetTutor free of charge. Your success is our business! You can find justice and confidence in learning by working with our tutors. Please come see us or get in touch with a live person by visiting us during open hours on the web: Learning Resource Center (<http://www.msjc.edu/learningresourcecenter/>) ALL students are welcome and every one of our services are FREE and available to you.

Learning Resource Center Learning Outcomes:

- Create positive learning relationships (student/student, student/tutor, student/staff, student/faculty)
- Create an atmosphere where justice in learning can be restored
- Increase student self-confidence in learning
- Increase student self-awareness of their learning processes through active engagement
- Increase awareness of the connectivity between various academic support departments

For additional information, visit: Learning Resource Center (<http://www.msjc.edu/learningresourcecenter/>).

Learning Skills Program (LSP)

Learning Outcomes

- Analyze and critically evaluate functional limitations, select appropriate compensatory learning strategies, and evaluate use adaptive technologies appropriate for their individual remediation needs;
- Communicate effectively with instructors, staff and fellow students using appropriate methods of technology and select appropriate learning and compensatory strategies;
- Demonstrate personal responsibility, identify personal needs and goals, and select appropriate resources necessary to meet them; and
- Practice active learning and demonstrate measurable progress of course level learning outcomes defined in their educational study plan.

The Learning Skills Program (LSP) is an academic and instructional support program that offers specialized classes and services to students with a prior history of learning disabilities or students who are experiencing significant difficulty in classes.

The LSP offers an assessment workshop designed to assess learning strengths and weaknesses, provide instruction in learning strategies, determine educational limitations, and develop an educational plan based on diagnostic assessment. Specialized classes and tutoring in mathematics, adaptive computer technology, reading, written and oral expression, and study skills teach compensatory strategies designed to help students maximize their success in college classes. LD services include test facilitation and proctoring, assisted computer technologies, specialized tutoring, and educational advisement. A Learning Disability Specialist is available on both the San Jacinto and Menifee Valley campuses. Students with a prior history of learning disabilities, or students who are experiencing extreme difficulty in classes may request LD assessment by contacting the LD Specialist or the Accommodation Service Center (ASC) office.

For more information, visit us @ <https://www.msjc.edu/learningskillsprogram/>

Library Services

The MSJC Libraries offer you access to many textbooks, books and eBooks, as well as databases with articles, streaming video, and more—all free of charge!

Need help with your research projects? Connect with us using our online chat service or stop by the Research Desk where MSJC librarians and Peer Research Assistants (PRAs) are standing by to answer your questions and show you how to develop great research skills! PRAs are MSJC students who can meet with you one-on-one to start your research assignments, including how to choose a topic, create a research outline, and develop effective search strategies for library databases.

Whether you are studying alone or working on a group project, the libraries offer flexible study spaces and free use of computers and WiFi. Printing is also available at low cost. You can print from our computers or from your own devices.

Please visit the library website for more information about the resources and services available at your MSJC Libraries!

Puente Program

Program Description

Puente is designed to help students adjust to college life, apply their existing cultural knowledge to academic outcomes, and prepare for transfer to four-year universities. The program explores multicultural, and particularly Latinx, experiences in a close-knit familia cohort model by combining writing instruction, personal growth instruction and counseling, and mentoring. Puente's goal is to provide strong academic support that affirms community, cultura, and lifelong learning. Puente is open to, and welcomes, all MSJC students.

Learning Outcomes

- Design an educational plan that focuses on attaining an AA/AS or other requirements for transfer;

- Analyze social and cultural issues that inform an understanding of civic responsibility and encourage involvement in the college and local communities as mentors or leaders; and
- Develop academic skills (reading, writing, oral, and study) that will demonstrate their ability to be successful in a higher education environment.

To learn more about and/or join the Puente Program, please visit: <https://msjc.edu/puente/statewide-puente-project-history.html>

If you have any questions about the Puente Program, please contact:

- Rebecca Coleman – Puente English Instructor, San Jacinto Campus
rcoleman@msjc.edu ; or
- Addison Palacios – Puente English Instructor, Menifee Valley Campus
apalacios@msjc.edu

Scholarships

A number of different scholarships are awarded each year to qualified Mt. San Jacinto College students based upon academic merit and promise, major or vocational objectives, activities or other skills or affiliations, and sometimes, financial need as specified by the various donors. Both continuing and transferring students are eligible for these awards, dependent on specific eligibility criteria.

Applications are available on the MSJC website, under the scholarship tab, during the Fall and Spring term and must be completed by the indicated deadline. (Please contact the Foundation Office for the specific dates). The Fall application is for scholarships within the academic year the term falls and the Spring application is for scholarships the following academic year.

Mt. San Jacinto College is fortunate to assist in the coordination and delivery of a number of outside or private scholarship awards from various civic groups, clubs and agencies. Potential donors are encouraged to contact the MSJC Foundation Office if assistance is needed in establishing or implementing a scholarship program.

For more information or for the scholarship application, please visit Scholarships (<http://www.msjc.edu/scholarships/>).

Student Equity

We, the Mt. San Jacinto College Faculty, Classified Professionals, and Administrators, acknowledge there are systemic barriers that have historically excluded and prevented equal outcomes for students on the basis of:

- Race/ethnicity
- Gender Identity and Expression
- Sexuality
- National Origin
- Socioeconomic status
- (Dis)ability
- Language
- Religion

- Age
- Physical Appearance
- Intersections of these identities.

Therefore, we define equity as an investment and commitment to achieving parity in academic outcomes by removing institutional barriers and creating an inclusive and culturally affirming learning environment. As such, we are dedicated to challenging our perceptions, biases, and blind spots through self-reflection and constant inquiry to identify and eliminate equity gaps and reinvest in our communities.

Our purpose is to celebrate diversity, instill hope, and empower our students to transform their lives and those around them.

In alignment with the California Community College's Chancellors Office declaration for a system-wide Call to Action against structural and systemic racism, Mt. San Jacinto College is mobilizing to actively strategize and take immediate and swift action to eradicate racism on our campus that impacts students, faculty, classified professionals and administrators.

The MSJC Equity Pledge aims to support an institutional culture where everyone feels included, welcomed, and valued for who they are and what they contribute to the community. We believe in a shared responsibility to create a positive culture and to safeguard equity, inclusion, dignity, and respect.

The College's mission, vision, values, and institutional policies and practices model and support educational equity, inclusiveness, and institutional excellence. Through the MSJC Equity Strategic Plan, the institution has proposed highly inclusive and data-supported strategies and interventions that will address the needs of the College's highest priority student populations across the required student success performance indicators and also aims to identify institutional priorities related to ensuring student success, access, and achievement for our historically underrepresented and marginalized student communities.

Student Health Center

The Student Health & Wellness Centers are located in the:

Menifee Valley Campus - 700 Building (room 723) adjacent to the LRC

San Jacinto Campus - Modular 1540 next to the Cafe

Temecula Valley Campus - *Coming Soon!*

Office hours may vary; please check our Health Center Services (https://www.msjc.edu/healthcenter/General_Office_Hours.html) page for the most up-to-date current operating hours.

Appointments can be scheduled by visiting the Student Health Patient Portal (<https://www.msjc.edu/healthcenter/patient-portal.html>), emailing healthservices@msjc.edu, or calling (951) 732-7970 and speaking with one of our friendly healthcare representatives.

Student Health & Wellness Centers are available to all current students enrolled in at least one credit. The Student Health Centers provide nurse visits; mental health counseling; health education; wellness workshops; immunizations and immunization reviews; COVID, Influenza and TB testing; Coming soon Nurse Practitioner visits for illness and/or injury, in-house lab testing, diagnostics, and so much more.

"MSJC Student Health Centers are your centers of health & well-being. We treat the whole person and aim to prepare you to be successful in life, not just in school.

MSJC Student Health Centers operate around the 8-Dimensions of Wellness

Physical . . Intellectual . . Emotional . . Social . . Spiritual . .
Occupational . . Financial . . Environmental

Focusing our program on The Eight Dimensions of Wellness, we are able to give you the tools to not only evaluate your overall health and wellness but empower you to make choices and change habits that will improve your quality of life."

Check out our Wellness Nook complete with a zero gravity massage chair, virtual reality guided meditation, 8-dimensions of wellness library, games, puzzles, coloring books, and more.

Access to free, and anonymous, mental health screenings are available here (<https://screening.mentalhealthscreening.org/mt-san-jacinto-college/>). MindWise screenings can also be found on our Mental Health Counseling page (<https://www.msjc.edu/healthcenter/Mental-Health-Counseling.html>).

For complex cases, we offer referrals to outside health agencies in the community.

Limited medical insurance is available against accidental injury while on campus.

All college accidents should be reported immediately to the Health Center for proper evaluation and treatment.

For life-threatening emergencies always dial 8-911 from any campus phone or 911 from your personal phone.

All medical records and discussions with our staff are strictly confidential.

We are here to serve you!

Student Life and Development Program

Learning Outcomes

- Explore activities in individual and group settings for self-understanding and growth;
- Design and implement programs to enhance social, cultural, multicultural, intellectual, recreational, service, and shared governance involvement;
- Comprehend institutional policies and procedures and their relationship to individual and group interests and activities; and
- Develop the competencies required for effective leadership in the categories of personal, interpersonal, and the development of groups, organizations, and systems.

The Student Life and Development Program (SLDP) office offers students a variety of opportunities to learn through their involvement in campus life. Involvement and activity outside of the classroom has the power to solidify learning inside of the classroom. Engagement opportunities the SLDP office promotes include, but are not limited to student participation in the following:

- Student Government Association (SGA)
SGA is the representative organization of the MSJC student body. It is composed of elected and appointed student officers, each with designated duties assigned. SGA is designed to develop leadership and responsibility, to provide opportunities for the development of the social and cultural interests of students, and to promote college spirit and student morale. All students are encouraged to join and take an active part in the SGA through participation in weekly meetings and/or SGA events.
- SGA Sticker – The \$7.00 SGA sticker helps support a variety of student life activities sponsored by the Student Government Association and organized by the SLDP office. The sticker further provides students discounts on purchases in the bookstore and cafeteria, free admission to home athletic events and discounted tickets to some performing arts events. In addition, the SGA sticker provides various discount opportunities at surrounding businesses that participate in the Vendor Discount Program. You must opt-out (via the Agreements function in "self-service") if you do not wish to pay this optional fee, please refer to the SGA Sticker Refund Policy.
- SGA Semester Barbeque Events and Drive-Thru's – Join and participate in semester SGA Barbeque events! Students may receive a free BBQ lunch or have the opportunity to purchase a special BBQ meal provided by the cafeteria, connect with campus clubs, and get information and giveaways from vendors.
- Inter-Club Council (ICC)
The ICC is a council composed of student leaders from the various MSJC Campus Clubs. The Council supports all Campus Clubs by providing training opportunities and facilitating collaboration among student organizations. In order for Campus Clubs to conduct business (events, activities, and expenditures), they must participate consistently in ICC meetings and submit all required documents to initiate the approval process.
- Campus Clubs
The Student Life and Development Program (SLDP) oversees the activation of all campus clubs and works to support student engagement, organize club events, and promote and market activities. Through the ICC, student leaders from all chartered clubs have the opportunity to share information, collaborate on events, and be in community with other club members.
- Leadership Courses and Programs

Our Leadership courses and programs allow students to further develop their leadership, people management, and communication skills. These courses and/or programs assist students in obtaining practical tools for effective decision-making practices, discovering strengths, enhancing student capacities to lead ethically and effectively, and in obtaining practical knowledge of professionalism.

Supplemental Instruction (SI)

Supplemental Instruction (SI) provides a completely free opportunity for students to participate in regularly scheduled study groups. In safe and inclusive spaces, student SI Leaders guide students through challenging content from the class they are assigned to. SI Leaders help students focus their study time as well as develop strong study skills to make studying more effective and time efficient. SI offers a truly unique way for students to develop better study habits, create bonds among classmates, and review the most difficult course content in an exciting and fun way!

Supplemental Instruction, created at the University of Missouri-Kansas City in 1973, supports student success by integrating “what to learn” (course content) with “how to earn” in out-of-class group study sessions facilitated by peer SI Leaders. The MSJC SI Program, which began in 2006, earned accreditation from the International Center for Supplemental Instruction in 2018. Accreditation endorses the MSJC SI Program’s commitment to the core principles of the SI Model. Currently, there are only twelve institutions in California with accredited SI Programs (<https://info.umkc.edu/si/accredited-programs/>)!

Traditionally, SI at MSJC has been a face-to-face endeavor. Over the years, efforts have been made to support online courses with SI and then came Covid-19 and March 13, 2020! Like SI Programs around the world, the MSJC SI Program was faced with quickly transitioning a fully face-to-face SI Program to a completely virtual one. SI at MSJC is currently an online program offering live virtual SI Sessions for identified sections of historically difficult courses.

SI involves three cohorts of students: the student SI Leader, the student SI Mentor, and the students enrolled in an SI supported course.

- Learning Outcomes (SI Leaders)
 - The SI Leader will communicate clearly and effectively with SI Students in session.
 - The SI Leader will communicate in written form with clarity and precision.
 - The SI Leader will encourage curiosity and appreciation for diverse thought and expression.
 - The SI Leader will create SI Sessions as spaces that are safe and inclusive.
 - The SI Leader will use creativity and innovation.
 - The SI Leader will gather data through all senses.
 - The SI Leader will participate and engage in continuous learning.
 - The SI Leader will practice learned knowledge continuously.
 - The SI Leader will utilize Habits of Mind as effective strategies to navigate challenging situations.
 - The SI Leader will create an environment that support student connectedness as a strategy to persist.
- Learning Outcomes (SI Mentor)
 - The SI Mentor will communicate clearly and effectively with SI Program peers (other SI Mentors and SI Leaders.)
 - The SI Mentor will foster collaboration and engagement among the SI Leaders and SI Mentors.
 - The SI Mentor will be responsive to the needs of a diverse group of mentees.
 - The SI Mentor will demonstrate validation of feelings, opinions, and contributions of others.
 - The SI Mentor will use creativity and innovation to effectively mentor Leaders outside their discipline.
 - The SI Mentor will gather data through all senses.
 - The SI Mentor will participate and engage in continuous learning.
 - The SI Mentor will practice learned knowledge continuously.
 - The SI Mentor will utilize Habits of Mind as effective strategies to navigate challenging situations.
 - The SI Mentor will develop a comfortable environment to support persistence.
- Learning Outcomes (SI Students)
 - The SI Student will feel confident communicating with their SI Instructor with clarity and precision.

- The SI Student will be able to work with and learn from other students in SI Sessions.
- The SI Student will value learning opportunities in a diverse environment.
- The SI Student will listen/consider others’ perspectives.
- The SI Student will embrace creative activities to enhance understanding.
- The SI Student will gather data through all senses to enhance understanding.
- SI Student will learn continuously.
- SI Student will recognize collaboration with peers as an effective work habit.
- The SI Student will learn Habits of Mind as effective strategies to navigate challenging situations.
- The SI Student will recognize SI as a valuable resource to learn strategies and skills to support their persistence.
- The SI Student will recognize SI as a place to make meaningful connections to support their academic journey.

Students interested in working as an SI Leader can contact SI Coordinator, Janice Levasseur at jlevasseur@msjc.edu. For additional information, visit: Supplemental Instruction (<https://www.msjc.edu/si/>).

Talent Search

Learning Outcomes

- Acquire skills in math, English and science through offered tutorial services to pass to the next school grade and graduate with a high school diploma
- Identify the key elements of becoming a college student, including: SAT/ACT Test Preparedness, A – G high school requirements, and college matriculation steps
- Apply for college admittance, financial aid and enroll in the fall term after high school graduation
- Maintain community ties through community service and outreach.

The Talent Search Program at Mt. San Jacinto College provides economically disadvantaged and first generation college-bound students with academic support, access and exposure to postsecondary education.

Talent Search is a team effort. This pre-college program, working in cooperation with three schools within the San Jacinto Unified School District, enables students to complete high school and enroll in a postsecondary educational program of their choice.

Talent Search is 100% federally funded by the U.S. Department of Education, and is part of the TRiO Programs. Two-thirds of the applicants selected must be low-income and/or first generation college students. (This means that neither parent has graduated from a four-year university.)

Qualifications – How can I participate?

- Be a middle or high school student (Monte Vista and North Mountain Middle Schools, and San Jacinto High School)
- Complete and submit an application
- Meet the Department of Education’s income guidelines and family educational requirements

- Demonstrate commitment to complete middle school, attend high school and plan to enroll in college
- Participate in activities, workshops, trips and events related to Talent Search
- Enroll in appropriate college preparatory classes
- Maintain a 2.0 (C) or better in all academic courses
- Admission into the Mt. San Jacinto College Talent Search program is open to those who meet eligibility criteria, regardless of gender, race, national origin, color, age, religion or disability.

For more information about the Talent Search Program contact:

- Talent Search Office, Mt. San Jacinto Campus Room 751, (951) 487-3274; or
- Eva Angeles – Talent Search Advisor (951) 888-1512 or eangeles@msjc.edu

UMOJA

Umoja (a Kiswahili word meaning *unity*) is a learning community dedicated to the academic success, personal growth, and self-actualization of African-American and other students. All **Umoja** values and practices are inspired by African and African-American intellectual, cultural, and spiritual gifts.

The **Umoja** community at **MSJC** creates a *"family"* environment where individuals help and care for one-another in the experiences of life and learning how to navigate college and becoming successful in their educational journey. The **Umoja** program is designed to increase retention, certificate completion, degree completion and transfer rates of African-American and other historically underrepresented students. **Umoja** students are provided with designated counselors to assist with career, educational and personal counseling.

Umoja Offers Students:

- Career, academic and personal counseling
- Umojafied courses with culturally-relevant content (degree applicable and transferable courses)
- Supplemental Instruction/Tutoring
- Academic and cultural enrichment activities
- Opportunities to attend **Umoja** sponsored events and conferences
- Increased self-confidence
- A brave place to discuss real issues that affect students and the broader community
- Mentoring
- University visits
- Resources to transfer to University of California (UC) and California State University (CSU) schools, as well as Historically Black Colleges and Universities (HBCU's)

Umoja Counselors:

Renisha Warren

Dr. Darnell Bing

Contact:

umoja@msjc.edu

Upward Bound

Learning Outcomes

- Analyze and develop a 4-year plan to: Improve standardized test scores in reading, language arts, and math; graduate high school and enroll in higher learning institution the fall term following graduation;
- Understand pre-college preparation by attending a series of informational and interactive workshops covering: College entrance test preparedness, financial aid, A – G high school requirements; and
- Maintain community ties with service area schools through community service and referrals to programs available at MSJC.

Upward Bound Mission Statement

The purpose of the Upward Bound Project (UB) is to identify eligible youths who are from low-income and potential first-generation college students. UB will encourage project participants to remain and complete high school while setting higher standards for a college education. Furthermore, UB will provide the necessary tools to prepare students to enroll and succeed in college.

Students in Upward Bound at Mt. San Jacinto College will be encouraged to:

- Develop and improve academic skills;
- Successfully graduate from high school and enroll in postsecondary education;
- Explore and develop career choices; and
- Be motivated to reach their educational goals.

History of Upward Bound

Upward Bound Projects began in 1964 and have been funded by the U.S. Department of Education, Federal TRiO programs. About 872,032 low income Americans have been served through TRiO programs nationwide.

The first Upward Bound 5 Year Grant Cycle was awarded on 09/01/2003 and ended on 08/31/2008 with annual funds of \$250,000. We are currently in our fourth Grant Cycle which was awarded on 09/01/2017 and will end 08/31/2022 with \$257,500.00 annual funds.

Upward Bound maintains and recruits 52 participants from San Jacinto High School.

We at Upward Bound are dedicated to help students reach their educational goals and together we will make them a reality!

Qualifications

- Students must be a ninth (9th) or tenth (10th) grade student at San Jacinto High School;
- Be the first individual in the family to attend college;
- Show low-income verification;
- Obtain four (4) letters of recommendation from the following individuals: Teachers/counselors (math, science, English or foreign languages); and
- At least a 2.50 grade point average.

Upward Bound is 100% federally funded by the U.S. Department of Education, and is part of the TRiO Programs. Two-thirds of the applicants selected must be low-income and/or first generation college students

(This means that neither parent has graduated from a four-year university).

Admission into the Mt. San Jacinto College Upward Bound program is open to those who meet eligibility criteria, regardless of gender, race, national origin, color, age, religion or disability.

For more information about the Upward Bound Program contact:

- Marisa M. Jones – Upward Bound Director
(951) 487-3270 or majones@msjc.edu;
- Silvia Rashad – Upward Bound Advisor
(951) 487-3271 or srashad@msjc.edu

Veterans Services

Veterans Educational Benefits

Mt. San Jacinto College (MSJC) values its Veterans, Active Duty Service Members and Dependents. Students are offered personalized assistance to support their transition to and success at MSJC. Students may visit one of our Veterans Resource Centers, call one of our Veterans Resources or connect with us by email (veterans@msjc.edu).

A majority of MSJC's degree and certificate programs are approved for U.S. Department of Veterans Affairs (VA). Our Employment Concentration programs are **not**. For a listing of MSJC Degree and Certificate programs see – Awards < Mt. San Jacinto College (msjc.edu) (<https://catalog.msjc.edu/degrees-certificates-curricula/awards/>)

The following educational benefits are available to Veterans and Dependents at MSJC:

- Chapter 33 (Post-9/11 GI Bill)
- Chapter 33 (Post-9/11 GI Bill - Transfer of Entitlement)
- Chapter 30 (Montgomery GI Bill - Active Duty)
- Chapter 31 (Veteran Readiness and Employment Program)
- Chapter 35 (Dependents Educational Assistance)
- Chapter 1606 (Montgomery GI Bill - Reservists)
- Cal Vet Fee Waiver
- California National Guard Education Assistance Award Program

Military students are required to choose a major and enroll in classes required of that major. Enrolling in classes not required of a major may lead to reduction or termination of benefits.

Official transcripts from the military (Joint Services Transcripts – JSTs) and all previous schools, colleges and CLEP tests must be submitted to Mt. San Jacinto College for evaluation before the end of the student's second term of attendance.

The course load requirements (Fall and Spring) for Chapter 30 (Montgomery GI Bill®), Chapter 31 (Veterans Readiness and Employment), Chapter 35 (Dependents' Educational Assistance), and Chapter 1606 (Montgomery GI Bill® – Selected Reserve) are:

Course Load	Units
Full Time	12 units or more
¾ Time	9-11 ½ units
½ time	6-8 ½ units
¼ Time	3-5 ½ units

¹ Chapter 33 recipients must be enrolled in a minimum of 7 units to receive partial Monthly Housing Allowance payments.

Summer Session: Full-time is considered 4 units in a six-week course or 6 units in an eight-week course.

Students taking a course that lasts less than a semester may be paid only for the actual enrollment period. If the student receives an "F" or "W" grade for non-attendance, they may be liable to repay the VA for the housing allowance received. Any tuition and/or fees the VA covered will need to be repaid directly to the institution.

VA payments are based on "pursuit" of your program so students must be enrolled, attending, and successfully completing courses to be eligible for VA benefits. All grades of "W" will be reported to the VA and may result in the loss of benefits.

Continuing and returning students who were previously enrolled and qualified for VA Education Benefits and wish to continue to receive benefits must submit a Statement of Responsibility (SOR) form to Veterans Services each semester and each time a course is added and/or dropped.

Veterans may be awarded three (3) units of credit for the healthful living and physical education requirement of graduation by submitting a Student Petition Form MSJC Student Petition (https://www.msjc.edu/enroll/documents/Student_Petition.pdf) and a copy of their DD214, verifying 180 days of active military service, to the Enrollment Services Office.

Students who are on active military duty and have completed boot camp may apply to receive the credit. This must be done upon admission to the college.

Visit us on the web at [msjc.edu/veterans/](https://www.msjc.edu/veterans/) (<https://www.msjc.edu/veterans/>), for more information about the program and our office hours. You may also contact Veterans Services at (951) 487-3247-San Jacinto Campus, (951) 639-5237 Menifee Valley Campus or via email at Veterans@msjc.edu (veterans@msjc.edu).

GI Bill® is a registered trademark of the U.S. Department of Veteran Affairs (VA).

Veterans Standards of Progress

To receive VA Educational Benefits a student must be in satisfactory academic standing as outlined by Enrollment Services. A student in Academic or Progress Probation with Enrollment Services will be considered to have that same standing for their VA educational benefits. For additional information contact one of the School Certifying Officials. See – Enrollment Services Policy.

- **Veterans Resource Center**
San Jacinto Campus 1560
(951) 487-3247; or
- **Veterans Resource Center**
Menifee Valley Campus, 1002
(951) 639-5237; or
- **Veterans Resource Center**
Temecula Valley Campus, 2nd Floor

Veterans Resource Center

Veterans Resource Centers (VRCs)

The Veterans Resource Centers (VRCs) are located in Building 1560 (San Jacinto Campus), Building 1002 (Menifee Valley Campus) and on the 2nd Floor of our Temecula Valley Campus. Our VRCS provide a welcoming and safe environment designed to support the needs of MSJC Veterans and Dependents. Students are offered personalized assistance to support their transition to and success at MSJC and include:

- A Veterans Counselor for academic and career counseling;
- A full-time School Certifying Official to assist with Federal and State VA Education benefits;
- VA Student Employees to guide and support a student's transition and success;
- On and Off Campus Resources specifically designed to support the success of Student Veterans and Dependents;
- Free computer use and printing;
- A lounge area with refreshments, a couch and tables, a flat screen TV, a DVD player, a refrigerator, a coffee maker, and a microwave; and
- A conference/study area.

MSJC serves more than 1,400 Veteran students district wide and the VRC ultimately accommodates the influx of Veterans through a seamless and supportive transition into college life.

Title 38 Beneficiaries

Policy Protecting Students from Fees and Penalties Due to VA Payment Delay (Preventing Drop for Nonpayment)

Mt. San Jacinto College (MSJC) military students with Chapter 33 GI Bill® benefits or Chapter 31 Veterans Readiness and Employment benefits may register and attend classes without penalty if the beneficiary submits a written request to use entitlement along with verifiable and authoritative proof of eligibility for entitlement to educational assistance (e.g., Certificate of Eligibility; Statement of Benefits) not later than the same day the individual registers for classes.

MSJC will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a Chapter 31 or Chapter 33 beneficiary borrow additional funds, because of the individual's inability to meet his or her financial obligations to MSJC due to the delayed disbursement of a Chapter 31 or Chapter 33 payment.

A student entitled to educational assistance under Chapter 31 or Chapter 33 VA Educational benefits must submit the following to prevent drops for non-payment:

1. **Chapter 33 Beneficiaries.** Submit a Certificate of Eligibility (COE) for entitlement for educational assistance no later than the same day the individual registers for classes for a course of education for which the individual wishes to use the individual's entitlement, or
2. **Chapter 31 Beneficiaries.** The Veteran Readiness and Employment (VR&E) Counselor must submit a Purchase Order through Tungsten Network for eligibility verification no later than the same day the individual registers for classes, and,
3. **Chapter 33 and Chapter 31 Beneficiaries.** Provide additional information necessary for the proper certification of enrollment by

MSJC (i.e., Statement of Responsibility) no later than the same day the individual registers for classes.

GI Bill® is a registered trademark of the U.S. Department of Veteran Affairs (VA).

More information about education benefits offered by the VA is available at the official U.S. government Web site at: (<http://www.benefits.va.gov/gibill/>).

Web Services Self-Service

SELF-SERVICE

Self-Service is an online tool that allows you to view your grades, transcripts, and register for classes. Go to MSJC (<http://www.msjc.edu>) and click on the Self-Service icon or go directly to cssweb.msjc.edu/css. New student will receive an activation email with their temporary password. Continuing or returning students can use the links on the login page to reset their password, if needed.

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K

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A.A.-T/A.S.-T = Associate Degree for Transfer

Instructional Programs

Instructional programs are “an organized sequence of courses leading to a defined objective, a degree, a certificate, a license, or transfer to another institution of higher education (Title 5, §55000).” Instructional programs of study at MSJC are designed to provide students with degrees, certificates, licensure and/or training for a variety of career and technical fields, and/or preparation for transfer to four-year colleges or universities. MSJC currently active certificate and degree programs may be found on the following pages. Detailed information about each program’s coursework and additional requirements are found on Instructional Program pages.

Graduation Requirements

Evaluation Requirements for Associate Degree

The Associate in Arts Degree and Associate in Science Degree are not automatically awarded when a student completes the requirements. Students must file an “Application for Graduation” at Enrollment Services by the deadline date each semester. Information on deadline dates can be found through Enrollment Services. Students are encouraged to meet with a Counselor prior to applying to ensure all requirements are met. At minimum, students must complete 60 degree applicable units, all major and general education requirements, with at least a 2.0 GPA in order to be eligible for a degree. All official transcripts from other colleges and external examinations must be on file at MSJC before an application for graduation can be completed.

The Board of Trustees, on recommendation of the Superintendent/President and Faculty of the college, is authorized to confer both Associate in Arts degrees and the Associate in Science degrees. The requirements for graduation with either degree represent both minimum state requirements and the firm commitment of MSJC to the principles of general education. Requirements are designed to develop the full potential of each student, broaden their outlook and provide the basis for exemplary citizenship.

Residence Requirements for Graduation

A minimum of 12 units must be earned at MSJC in order for a student to earn a degree.

Graduation Ceremony

Formal graduation activities are held at the end of the spring semester in May. Students who complete degree requirements during the spring or preceding fall and summer terms are invited to participate in the commencement program.

Continuous Enrollment Catalog Rights

Graduation requirements contained in this catalog apply to students who enter during the current academic year. Certificate and degree requirements are regularly reviewed and may undergo change while a student is pursuing a degree or certificate. A student who maintains continuous enrollment has the right to graduate based upon the requirements listed in the catalog when they first entered Mt. San Jacinto College or any catalog thereafter. Continuous enrollment is defined as enrollment in at least one semester excluding summer/winter sessions each calendar year (January 1 – December 31) as posted on the official college transcript. If there is a break in attendance, the student surrenders rights under previous catalogs, and must meet the requirements in effect when the student re-enters, or any one catalog which is in effect during continuous enrollment from the date of re-entry

to the date of graduation. Any time there is a break in attendance, the student’s catalog rights begin again with re-entry.

NOTE: While the student may graduate based on any one of the catalogs in effect during their continuous enrollment, all of the requirements in that one catalog must be met. In the event that required courses have been discontinued, students may petition for substitution. Petitions are available in the Enrollment Services Office. Students may not combine requirements from more than one catalog to satisfy the graduation requirements.

In order to maintain catalog rights based on the initial semester of enrollment at MSJC, a student may petition for coursework completed at another regionally accredited post-secondary institution to count as continuous enrollment as defined above, except at least one evaluative symbol must have been posted on the official college transcript. Evaluative symbols included but are not limited to grades of “A”, “B”, “C”, “D”, “F”, “P” or “NP” and may include +/- designations. Non-Evaluative symbols include but are not limited to grades of “I”, “IP”, “RD”, “EW” or “W” and are not used in calculating grade point averages.

Award of Multiple Degrees

Multiple Majors/Degrees

Students may graduate with multiple majors or earn multiple degrees from MSJC. Multiple majors are considered to be the completion of more than one program of study (major) prior to graduation with the associate degree. Multiple degrees are the attainment of an additional degree after the student has already completed an associate degree or higher.

Students seeking additional associate degrees after having previously received an associate degree at MSJC may qualify for an additional degree if they meet the following: (1) have met the minimum requirements for the second major; (2) achieve a minimum 2.0 GPA for all units attempted that are required for the degree.

First Degree at MSJC

Students seeking an additional associate degree at MSJC after having previously received an associate degree from another college may qualify for graduation if they meet the following: (1) have completed general education requirements for which equivalents have not been completed; (2) have met the minimum requirements of the major; (3) have completed a minimum of 12 units of residency at MSJC; (4) achieve a minimum 2.0 GPA for all units attempted that are required for the degree.

Associate Degrees For Transfer

<http://www.adegreewithaguarantee.com>

The Student Transfer Achievement Reform Act (California Education Code §66746-66749 - Senate Bill 1440) guarantees admission to a California State University (CSU) campus for any California Community College (CCC) student who completes an Associate Degree for Transfer (ADT), a variation of the traditional associate degree offered at CCCs.

MSJC offers Associate Degrees for Transfer that guarantee admission to the CSU. These may include Associate in Arts (AA-T) or Associate in Science (AS-T) degrees. These degrees are designed to provide a clear pathway to a CSU major and baccalaureate degree. MSJC students who are awarded an AA-T or AS-T degree are guaranteed admission with junior standing to one of the California State Universities in a similar major. Students are also given priority admission consideration to their local

CSU campus or to a program that is deemed similar to their CCC major. Students who have been awarded an AA-T or AS-T degree are able to complete their remaining requirements for the baccalaureate degree within 60 semester or 90 quarter units. Students are encouraged to meet with a Counselor to review their options for transfer and to develop an educational plan that best meets their goals and needs.

The following is required for all AA-T/AS-T (ADT) Degrees:

1. Minimum of 60 CSU-transferable semester units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a Counselor for more information.
3. Students must complete all CSU General Education-Breadth (Option B) or the Intersegmental General Education Transfer Curriculum, IGETC (Option C) requirements with a grade of "C" or better. The Pass/No Pass grading option is not appropriate for the CSU "Golden Four" requirements (CSU Breadth AREAS "A1, A2, A3, and B4" or IGETC AREAS "1A, 1B, 1C and 2") or in major preparation for the ADT. A minimum of 2.0 ("C" average) or higher-Grade Point Average (GPA) is required, please check university catalogs for GPA requirements.
4. AREAS "A1, A2, A3" and "B4" (CSU Golden Four) require a minimum of "C" grade and must be completed prior to applying to transfer to a CSU. If a student completed a Golden Four course at a CSU where a C- grade is acceptable to certify a Golden Four area, MSJC **will** honor the C- grade if taken at a CSU, per CSU EO 1100 (<https://calstate.policystat.com/policy/8919100/latest/>). Title 5 stipulates that CCCs can use plus and minus grading, except that the C- may not be awarded by a CCC but will be accepted if taken at a CSU.
5. Certified completion of the CSU GE Breadth (Option B) or IGETC (Option C) patterns.
6. Completion of a minimum of 18 semester units in an AA-T/AS-T major. All courses in the major must be completed with a grade of "C" or better or a "P" if the course is taken on a "pass-no pass" basis (Title 5 § 55063).

ADT Degrees

- Administration of Justice, A.S.-T (p. 134)
- Anthropology, A.A.-T (p. 143)
- Art History, A.A.-T (p. 147)
- Biology, A.S.-T (p. 171)
- Business Administration, A.S.-T (p. 173)
- Chemistry, A.S.-T (p. 186)
- Child and Adolescent Development, A.A.-T (p. 344)
- Communication Studies, A.A.-T (p. 189)
- Computer Science A.S.-T (p. 194)
- Early Childhood Education, A.S.-T (p. 346)
- Economics, A.A.-T (p. 225)
- Elementary Teacher Education, A.A.-T (p. 347)
- English, A.A.-T (p. 232)
- Environmental Science, A.S.-T (p. 237)
- Film, Television and Electronic Media, A.S.-T (p. 158)
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- Geology, A.S.-T (p. 250)
- History, A.A.-T (p. 252)
- Journalism, A.A.-T (p. 261)
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- Law, Public Policy and Society, A.A.-T (p. 270)
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- Social Justice Studies: General, A.A.-T (p. 335)
- Sociology, A.A.-T (p. 340)
- Spanish, A.A.-T (p. 366)
- Studio Arts, A.A.-T (p. 149)
- Theatre Arts, A.A.-T (p. 356)

Associate Degrees

MSJC offers a variety of Associate Degrees for students. MSJC offers both Associate in Arts (AA) and Associate in Science (AS) degrees that are non-transfer, as well as Associate Degrees that work towards transfer to four-year University; however, those are not Associates Degrees for Transfer (ADT/AA-T/AS-T).

Associate in Arts degrees are traditionally two-year interdisciplinary degrees that provide a broad exploration of a specific area of emphasis. Associate in Science degrees are typically two-year occupational degrees that prepare students for career and technical fields. Most Associates Degrees provide a solid foundation for further academic study for students wishing to transfer. To ensure students are following the proper general education pattern to work towards an Associates Degree, please meet with a Counselor.

Non-transfer Degrees

- Administration of Justice, A.S. (p. 135)
- American Indian Studies, A.A. (p. 141)
- Art, A.A. (p. 152)
- Audio Technology, A.A. (p. 160)
- Automotive Technology, A.S. (p. 164)
- Aviation Science, A.S. (p. 167)
- Business Administration, A.S. (p. 176)
- Computer Information Systems, A.S. (p. 197)
- Dance, A.A. (p. 212)
- Diagnostic Medical Sonography, A.S. (p. 216)
- Digital Media, A.S. (p. 218)
- Early Intervention and Inclusion, A.S. (p. 349)
- Engineering: Drafting Technology, A.S. (p. 228)
- Fire Technology, A.S. (p. 240)
- Geographic Information Science, A.S. (p. 244)
- Interpreter Preparation, A.S. (p. 155)
- Legal Studies, A.S. (p. 276)
- Management/Supervision, A.S. (p. 286)
- Medical Assisting Administrative and Clinical, A.S. (p. 292)
- Nursing, A.S. (p. 303)
- Office Administration, A.S. (p. 182)

- Photography, A.S. (p. 312)
- Physical Education, A.A. (p. 266)
- Real Estate, A.S. (p. 329)
- Science, A.S. (p. 332)
- Social/Behavioral Science, A.A. (p. 338)
- Technical Theater, A.S. (p. 357)
- Water Technology, A.S. (p. 360)

AA/AS Transfer Degrees

- Dance, A.A. (Transfer) (p. 209)
- Liberal Arts: Mathematics & Science, A.A. (p. 279)
- Liberal Arts: Social & Behavioral Sciences, A.A. (p. 282)
- Visual Design, A.A. (p. 151)

Certificates

Certificate Programs are primarily business and technical programs for students desiring education beyond high school. These programs provide opportunities for students to prepare themselves for a wide variety of careers. In most cases these programs are planned without regard to transfer schools; however, many courses are transferable to four-year colleges or universities if students change their educational goals.

MSJC offers two types of certificates, **State Approved Certificates of Achievement** and **Locally Approved Employment Concentrations**, which prepare students for entry-level employment or further study, add special knowledge and skills to existing occupational competence, or mark an accomplishment in a particular area.

A **Certificate of Achievement** is a sequence of courses usually consisting of 18 or more units of degree-applicable coursework that has been approved by the State Chancellor's Office. Students who successfully petition for a Certificate of Achievement will have the name of the certificate appear on their official transcripts. Students are required to have a minimum 2.0 GPA and complete 12 units of residency at MSJC

An **Employment Concentration** is a sequence of courses consisting of fewer than 18 units of degree-applicable coursework. Students who successfully petition for an Employment Concentration will not have the name of the certificate appear on their transcript. Students are required to have a minimum 2.0 GPA and complete 12 units of residency at MSJC.

State Approved Certificates of Achievement

- Accounting Certificate (p. 177)
- Administration of Justice Certificate (p. 136)
- Associate Teacher Low-Unit Certificate (p. 350)
- Audio Technology Certificate (p. 161)
- Automotive/Transportation Technology Certificate (p. 163)
- Business Administration Certificate (p. 178)
- Business, Clerical Certificate (p. 184)
- Certified Flight Instructor Certificate (p. 168)
- Commercial Pilot Certificate (p. 169)
- Culinary Arts & Hospitality Certificate (p. 207)
- Dance Certificate (p. 213)
- Digital Media Certificate (p. 220)
- Early Intervention and Inclusion Certificate (p. 351)
- Engineering Technologist Support Certificate (p. 229)

- Engineering: Drafting Technology Certificate (p. 230)
- Fire Technology Certificate (p. 241)
- General Education Breadth, CSU Certificate (p. 242)
- General Education Breadth, IGETC Certificate (p. 243)
- Geographic Information Science Certificate (p. 245)
- Honors Enrichment Program Completion Certificate (p. 260)
- Infant Toddler Teacher Low-Unit Certificate (p. 352)
- Internet Authoring, Certificate (p. 200)
- Interpreter Preparation Certificate (p. 156)
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- Real Estate Certificate (p. 330)
- Small Business/Entrepreneurship Certificate (p. 179)
- Teacher Certificate (p. 353)
- Technical Theater Certificate (p. 358)
- Water Technology Certificate (p. 363)

Locally Approved Employment Concentrations

For more information, see the specific program planning guides in this catalog and visit the counseling center for program planning prior to initial enrollment.

- Business Information Analysis Employment Concentration (p. 181)
- Communication, Teamwork and Leadership Employment Concentration (p. 192)
- Computer Forensics Employment Concentration (p. 137)
- Computer Hardware Specialist Certification (p. 204)
- Corrections Employment Concentration (p. 138)
- Cybersecurity Employment Concentration (p. 205)
- Digital Media Design Employment Concentration (p. 221)
- Engine Performance Technician Employment Concentration (p. 165)
- Fire Academy Preparation Employment Concentration (p. 242)
- General Certification Technician Employment Concentration (p. 165)
- General Technician Employment Concentration (p. 166)
- Geographic Information Science Employment Concentration (p. 247)
- Golf and Grounds Concentration Employment Concentration (p. 257)
- Graphic Design Employment Concentration (p. 153)
- Internet Authoring Apprentice Employment Concentration (p. 206)
- Irrigation Technician Concentration Employment Concentration (p. 257)
- Landscaping Operation Concentration Employment Concentration (p. 258)
- Leadership Development Employment Concentration (p. 274)
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- Viticulture, Enology and Winery Technology Employment Concentration (p. 365)
- Wine Hospitality and Salesmanship Employment Concentration (p. 365)

General Education

MSJC offers three General Education patterns for students to work off of. Students are encouraged to meet with a Counselor to ensure they are following the proper General Education option based on their educational goal.

Non-Transfer General Education

Option A: Is required for students who are interested in completing an Associates Degree from MSJC, for non-transfer. Students following this pattern must satisfy all General Education, AREAS A-H by successfully completing a course in that AREA or meeting the competency. In addition to completing Option A, students are also required to complete major requirements for their program of student. In order to successfully meet the requirements for an Associates Degree for non-transfer, students must complete at least 60 degree-applicable semester units with a minimum overall GPA of 2.0.

Basic Skills Competency Requirements for Graduation-Option A Reading

Collegiate-level reading competency may be demonstrated by passing ENGL-101 College Composition (formerly Freshman Composition) or ENGL-101H Honors College Composition (formerly Freshman Composition) with a "C" grade or better or with an equivalent AP score or equivalent course work.

Mathematics

A minimum of 3 units required. This is demonstrated by passing a state approved and appropriate level math course with minimum grade of "C".

Transfer General Education

Option B: Also referred to as CSUGE is required for students interested in transferring to California State Universities (CSU). Students following this pattern must satisfy all General Education, AREAS A-F by successfully completing a course in that AREA or meeting the general education competency through external exams. A minimum of 2.0 ("C" average) or higher-Grade Point Average (GPA) is required, please check university catalogs for GPA requirements. AREAS "A1, A2, A3" and "B4" (CSU Golden Four) require a minimum of "C" grade and must be completed prior to applying to the CSU. If a student completed a Golden Four course at a CSU where a C- grade is acceptable to certify a Golden Four area, MSJC **will** honor the C- grade if taken at a CSU, per CSU EO 1100 (<https://calstate.policystat.com/policy/8919100/latest/>). In addition to completing Option B, students are also required to complete major requirements for their program of student to work towards an Associates Degree. In order to successfully meet the requirements for an Associates

Degree, students must complete at least 60 transferable semester units with a minimum overall GPA of 2.0. Some private schools accept MSJC's Option B as meeting their admission and general education requirements, please meet with a Counselor to verify.

Option C: Also referred to as IGETC (Intersegmental General Education Transfer Curriculum) is required for students interested in transferring to California State Universities (CSU), Universities of California (UC), Out-of-State, and Private schools. Students following this pattern must satisfy all General Education, AREAS 1-6 by successfully completing a course in that AREA or meeting the general education competency through external exams. Students must complete ALL AREAS of IGETC with a grade 'C' or better in order to meet admission requirements for UC. In addition to completing Option C, students are also required to complete major requirements for their program of student to work towards an Associates Degree. In order to successfully meet the requirements for an Associates Degree for transfer, students must complete at least 60 transferable semester units with a minimum overall GPA of 2.4.

General Education Requirements Option A

Option A: MSJC General Education for Non-Transfer Associate Degrees

AREA A - Natural Sciences

3 semester units required. Select one course.

Course	Title	Credits
Anatomy & Physiology		
ANAT-101	Human Anatomy & Physiology I ¹	4
ANAT-102	Human Anatomy & Physiology II ¹	4
Anthropology		
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab ¹	1
ANTH-201	Introduction to Forensic Anthropology	3
Astronomy		
ASTR-101	Introduction to Astronomy ¹	4
ASTR/GEOL-111	Planetary Astronomy	3
Biology		
BIOL-100	Human Biology ¹	4
BIOL-115	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology) ¹	4
BIOL-117	Conservation Biology	3
BIOL-125	Microbiology ¹	4
BIOL-130	Marine Biology ¹	4
BIOL-131	Genes and Biotechnology in Society ¹	4
BIOL-134	Human Heredity and Evolution	3
BIOL-140	Ecology ¹	4
BIOL-144	Plant Biology ¹	4
BIOL-146	Biodiversity	3
BIOL-150	General Biology I ¹	4
BIOL-151	General Biology II ¹	4
Chemistry		
CHEM-100	Introduction to Chemistry ¹	4
CHEM-101	General Chemistry I ¹	5
CHEM-102	General Chemistry II ¹	5
CHEM-107	Chemistry of Life ¹	5
CHEM-112	Organic Chemistry I ¹	5
CHEM-113	Organic Chemistry II ¹	5
Environmental Studies		
ENVS-100	Humans and Scientific Inquiry	3
ENVS-101	Environmental Science	3
ENVS-102	Environmental Science Laboratory ¹	1
ENVS-110	Natural Resources ¹	4
ENVS-590	Watershed Resource Management (formerly ENVS-190) ¹	4
Geography		
GEOG-101	Physical Geography	3
GEOG-104	Physical Geography Lab ¹	1
GEOG-105	Map Interpretation and Spatial Analysis ¹	3
GEOG-106	Introduction to Weather and Climate	3

Geology		
GEOL-100	Physical Geology ¹	4
GEOL-103	Environmental Geology	3
GEOL-105	Historical Geology ¹	4
GEOL-107	Scenic Adventure Field Trips in Geology (formerly Geologic Field Trips)	1.5
GEOL-106	Earth Science ¹	4
GEOL-109	Geology of National Parks	3
GEOL-110	Oceanography ¹	4
GEOL/ASTR-111	Planetary Astronomy	3
Nutrition		
NUTR-101	Introduction to Nutrition Science (formerly Nutrition and Foods)	3
Physics		
PHY-100	Physical Science in Modern Society (formerly Conceptual Physics)	3
PHY-101	Basic Physics: Energy and Motion ¹	4
PHY-102	Basic Electricity and Modern Physics ¹	4
PHY-201	Mechanics and Wave Motion ¹	4
PHY-202	Electricity and Magnetism ¹	4
PHY-203	Optics and Modern Physics	4
Wine		
WINE-100	Introduction to Viticulture (formerly VEW-100)	3
WINE-102	Introduction to Enology (formerly VEW-102)	3

¹ Laboratory science

AREA B - Social and Behavioral Sciences

6 semester units required. Select one course from B1 and one course from B2

Course	Title	Credits
B1		
History		
HIST-111	U.S. History to 1877	3
HIST-112	U.S. History Since 1865	3
Political Science		
PS-101	Introduction to American Government and Politics	3
B2		
Administration of Justice		
AJ-101	Criminal Law	3
AJ-102	Introduction to Criminal Justice	3
AJ-111	Criminal Procedures	3
AJ-112	Introduction to Criminology	3
AJ-117	Introduction to Terrorism and Homeland Security	3
Anthropology		
ANTH-102	Cultural Anthropology	3
ANTH-104	World Prehistory	3
ANTH-105	North American Indians (formerly ANTH-103A)	3

ANTH-107	Indigenous People of Latin America (formerly ANTH-103D Latin American Cultures)	3	HIST-111	U.S. History to 1877	3
ANTH-115	Introduction to Archaeology	3	HIST-112	U.S. History Since 1865	3
ANTH/HIST-121	California Indians	3	HIST-115	Women in United States History	3
ANTH-125	Magic, Witchcraft and Religion	3	HIST-117	History of India	3
Biology			HIST-120	California History	3
BIOL/HIST-128	History of Science	3	HIST/ANTH-121	California Indians	3
Child Development & Education			HIST-124	Recent America: The U.S. Since 1945	3
CDE-110	Child Development	3	HIST-125	Military History of the United States	3
CDE-118	Teaching in a Diverse Society (formerly Diversity and Equity in Early Childhood)	3	HIST/BIOL-128	History of Science	3
CDE-125	Child, Family and Community	3	HIST/THA-136	Cultural History of American Motion Pictures	3
CDE-540	Children and Youth With Exceptional Needs (formerly CDE-140)	3	HIST-140	History of Mexico	3
Communication			HIST-141	History of Latin America to 1820	3
COMM-108	Intercultural Communication	3	HIST-142	History of Latin America Since 1820	3
COMM-110	Communications Media Survey	3	HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	3
COMM-116	Gender and Communication	3	HIST-151/DAN-100	History and Appreciation of Dance	3
COMM-117	Organizational Communication (formerly Professional Communication)	3	HIST-160	Black History in the American Context	3
COMM-120	Survey of Communication Studies	3	HIST-165/THA-155	Musical Theater History	3
Dance			Legal		
DAN-100/HIST-151	History and Appreciation of Dance	3	LEG-100	Foundations of the Legal System	3
DAN-133	History of Popular Dance in the United States	3	LEG-524	Immigration Law (formerly LEG-124)	3
Economics			Nutrition		
ECON-201	Principles of Macroeconomics	3	NUTR-100	Family Nutrition	3
ECON-202	Principles of Microeconomics	3	Physical Education		
ECON-203	Introduction to Environmental Economics	3	PE-126	Sport Psychology	3
Education			Political Science		
ED-135	Introduction to Education	3	PS-101	Introduction to American Government and Politics	3
ED-136	Child Growth and Development During the School Years	3	PS-102	Comparative Politics and Government	3
Geography			PS-103	Ethnic Politics in America	3
GEOG-102	Cultural Geography	3	PS-105	Introduction to Political Theory	3
GEOG-107	Urban Geography	3	PS-106	Introduction to International Relations	3
GEOG-108	World Regional Geography	3	PS-110	Introduction to Public Administration (formerly PA-101)	3
GEOG-111	Geography of California	3	PS-120	California Government	3
Health Science			<i>Psychology</i>		
HS-120	Introduction to Public Health (Health Science)	3	PSYC-101	Introduction to Psychology	3
History			PSYC-102	Personal Growth	3
HIST-101	Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3	PSYC-103	Human Development	3
HIST-102	Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)	3	PSYC-104	Psychology of Gender	3
HIST-103	World History to 1500 (formerly History of World Civilizations to 1500)	3	PSYC/SOCI-105	Social Psychology	3
HIST-104	World History Since 1500	3	PSYC-107	Psychobiology	3
HIST-106	The World Since 1900	3	PSYC-108	Abnormal Psychology	3
HIST-107	The History of East Asia Before 1600	3	PSYC/SOCI-112	Gender and Social Interaction	3
HIST-108	The History of East Asia Since 1600	3	Social Justice Studies		
			SJS-101	Introduction to Social Justice Studies	3
			Sociology		
			SOCI-101	Principles of Sociology	3
			SOCI-102	Contemporary Social Problems	3
			SOCI-103	Marriage and the Family	3
			SOCI/PSYC-105	Social Psychology	3

SOCI-106	Intercultural Relations	3
SOCI-108	Human Sexuality	3
SOCI-110	Media and Society	3
SOCI/PSYC-112	Gender and Social Interaction	3
SOCI-115	Contemporary Chicano in Society	3
SOCI-125	Crime and Society	3
Theatre Arts		
THA/HIST-136	Cultural History of American Motion Pictures	3
THA-155/HIST-165	Musical Theater History	3

AREA C - Humanities

3 semester units required. Select one course.

Course	Title	Credits
American Sign Language		
ASL-100	American Sign Language I	4
ASL-101	American Sign Language II	4
ASL-110	Deaf Culture and Community	3
ASL-201	American Sign Language III (formerly ASL-103)	4
ASL-202	American Sign Language IV (formerly ASL-104)	4
ASL-203	American Sign Language V (formerly ASL-105)	3
Anthropology		
ANTH-145	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3
Art		
ART-100	Art Appreciation	3
ART-101	Art History: Prehistoric Through Medieval Art	3
ART-102	Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)	3
ART-103	Introduction to Modernism	3
ART-104	World Art	3
ART-108	Beginning Drawing	3
ART-120	2D Design	3
ART-121	Color Theory	3
ART-122	3D Design	3
ART-123	Graphic Design I	3
ART-131	Introduction to Digital Art	3
Child Development & Education		
CDE/LIT-131	Children's Literature	3
Communication		
COMM/THA-113	Oral Interpretation of Literature	3
Dance		
DAN-100/HIST-151	History and Appreciation of Dance	3
DAN/THA-108	Improvisation for Dance and Theater	3
DAN-125	Choreography I	3
DAN-133	History of Popular Dance in the United States	3
DAN-201	Dances of the World	1

DAN-225	Choreography II	3
Education		
ED/LIT-132	Adolescent Literature	3
English		
ENGL-130	Introduction to Creative Writing	3
French		
FREN-101	Elementary French I	4
FREN-102	Elementary French II	4
FREN-201	Intermediate French I	4
History		
HIST-102	Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)	3
HIST-107	The History of East Asia Before 1600	3
HIST-108	The History of East Asia Since 1600	3
HIST-117	History of India	3
HIST-118	History of World Religions (formerly HUM-104 World Religions)	3
HIST-136	Cultural History of American Motion Pictures	3
HIST-151	History and Appreciation of Dance ²	3
HIST-154	Theater History	3
HIST-165/THA-155	Musical Theater History	3
Literature		
LIT-106	Introduction to Literature (formerly ENGL-106)	3
LIT/CDE-131	Children's Literature (formerly ENGL-131)	3
LIT-132/132	Adolescent Literature (formerly ENGL-132)	3
LIT-205	World Folklore and Mythology (formerly ENGL-205 World Folklore)	3
LIT-207	American Literature: Pre-Colonial to 1865 (formerly ENGL-207)	3
LIT-208	American Literature: 1865 to Present (formerly ENGL-208)	3
LIT-225	Film and Literature (formerly ENGL-225)	3
LIT-230	English Literature: Anglo-Saxon to 1775 (formerly ENGL-230)	3
LIT-231	English Literature: 1775 to Present (formerly ENGL-231)	3
LIT-240	American Indian Literature (formerly ENGL-240)	3
LIT-255	Gender and Sexuality in Literature	3
LIT-260	Introduction to African American Literature (formerly ENGL-260)	3
LIT-275	Latinx/Chicanx Literature	3
LIT-280	Multiethnic Literature (formerly ENGL-280)	3
Music		
MUS-100	Introduction and Appreciation of Music	3
MUS-101	Music Fundamentals	3
MUS-103	Music Theory I	3
MUS-106	History of Rock & Roll	3
MUS-107	Introduction and Appreciation of American Music	3
MUS-108	History of Jazz and Blues	3

MUS-109	World Music	3
Philosophy		
PHIL-101	Introduction to Philosophy I	3
PHIL-105	Introduction to Ethics	3
PHIL-109	Ancient and Medieval Philosophy	3
PHIL-110	Modern and Contemporary Philosophy (formerly Renaissance and Modern Philosophy)	3
Photography		
PHOT-530	History of Still Photography (formerly PHOT-130)	3
Spanish		
SPAN-101	Elementary Spanish I	4
SPAN-101B	Introduction to Spanish 101 (Continuation)	3
SPAN-102	Elementary Spanish II	4
SPAN-141	Spanish through Film (formerly SPAN-240)	3
SPAN-201	Intermediate Spanish I	4
SPAN-202	Intermediate Spanish II	4
SPAN-203	Spanish for Native Speakers I	4
SPAN-204	Spanish for Native Speakers II	4
Theater Arts		
THA-101	Introduction to Theater	3
THA-102/HIST-154	Theater History	3
THA/DAN-108	Improvisation for Dance and Theater	3
THA-110	Fundamentals of Acting	3
THA-111	Intermediate Acting	3
THA/COMM-113	Oral Interpretation of Literature	3
THA-123	Introduction to Scene Design (formerly Models and Rendering)	3
THA-135	Introduction to Film	3
THA/HIST-136	Cultural History of American Motion Pictures	3
THA-137	Introduction to World Cinema	3
THA-155/HIST-165	Musical Theater History	3

AREA D - Language and Rationality

6 semester units required. Select one course from D1 and one course from D2.

Course	Title	Credits
D1. English Composition		
English		
ENGL-101	College Composition (formerly Freshman Composition)	4
D2. Communication & Analytical Thinking		
Communication		
COMM-100	Public Speaking	3
COMM-103	Interpersonal Communication	3
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
COMM-106	Small Group Communication	3
Computer Science Information Systems		
CSIS-111B	Fundamentals of Computer Programming	3
CSIS-114A	SQL Programming - Level 1	3

CSIS-116E	Python Programming - Level 1	3
CSIS-118B	Computer Organization & Assembly Language	3
CSIS-124A	SQL Programming - Level 2	3
CSIS-126E	Python Programming - Level 2	3
CSIS-201	System Analysis and Design	3
English		
ENGL-103	Critical Thinking and Writing	3
Philosophy		
PHIL-103	Logic	3
PHIL-112	Critical Thinking and Composition	3

AREA E - Lifelong Learning and Self-Development

3 semester units required. Courses used in AREA E cannot be double counted in other areas.

Course	Title	Credits
College Success & Career Readiness		
CSCR-100	College Success and Career Readiness (formerly GUID-100 College Success)	3
CSCR-116	Integrative Career/Life Planning (formerly GUID-116)	3
CSCR-502	Personal Success Habits of Highly Effective People (formerly GUID-120)	3
Dance		
DAN/THA-108	Improvisation for Dance and Theater	3
DAN-120	Conditioning and Alignment for Dance	2
DAN-121A	Beginning Ballet	2
DAN-121B	Advanced Beginning Ballet	2
DAN-122A	Beginning Modern Dance	2
DAN-122B	Advanced Beginning Modern Dance	2
DAN-123A	Beginning Jazz Dance	2
DAN-123B	Advanced Beginning Jazz Dance	2
DAN-124	Beginning Tap Dance	2
DAN-125	Choreography I	3
DAN-126A	Intermediate Modern Dance	2
DAN-126B	Advanced Intermediate Modern Dance	2
DAN-127A	Intermediate Jazz Dance (formerly DAN-127)	2
DAN-127B	Advanced Intermediate Jazz Dance	2
DAN-128A	Intermediate Ballet (formerly DAN-128)	2
DAN-128B	Advanced Intermediate Ballet	2
DAN-129	Intermediate Tap Dance	2
DAN-131A	Beginning Hip Hop (formerly DAN-131)	2
DAN-131B	Advanced Beginning Hip Hop	2
DAN-135A	Intermediate Hip Hop	2
DAN-135B	Advanced Intermediate Hip Hop	2
DAN-201	Dances of the World	1
DAN-212	Dance Production	1-3
DAN-213	Dance Performance	1-3
DAN-214	Dance Touring Ensemble	3
Health Science		
HS-121	Fundamentals of Healthful Living	3

HS-123 Drugs, Health and Society (formerly Drugs: Use and Abuse) 3

Leadership

Nutrition

LEAD-500 Leadership Development (LEAD-101) 3

LEAD-501 Advanced Leadership Skills (formerly LEAD-102) 3

NUTR-100 Family Nutrition 3

NUTR-101 Introduction to Nutrition Science (formerly Nutrition and Foods) 3

Physical Education

PE-110 Prevention and Care of Athletic Injuries 3

PE-112 Body Conditioning 1

PE-112A Step Aerobics & Circuit Training (formerly Beginning Step Aerobics) 1

PE-113 Introduction to Jogging (formerly Jogging) 1

PE-114A Strength Training: Circuit 1

PE-114B Strength Training: Free Weights 1

PE-114C Powerlifting 1

PE-115 First Aid and CPR 3

PE-119 Exercise Walking 1

PE-119B Intermediate Fitness Walking 2

PE-120 Beginning Yoga 1

PE-132 Beginning Tennis 1

PE-133 Individual and Group Sports: Basketball 1

PE-134 Introduction to Volleyball 1

PE-137 Individual and Group Sports: Soccer 1

PE-183 Self-Defense 1

PE-195 Introduction to Kinesiology 3

Physical Education Intercollegiate

PEIC-150 Intercollegiate Sports: Beach Volleyball (Women) 3

PEIC-150A Pre-Season Athletics: Beach Volleyball (Women) 1-3

PEIC-150B Off-Season Athletics: Beach Volleyball (Women) 1-3

Theater Arts

THA/DAN-108 Improvisation for Dance and Theater 3

AREA F - Diversity and Ethnic Studies

3 semester units required. Courses used in AREA F cannot be double counted in other areas.

Course	Title	Credits
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American Sign Language

ASL-110	Deaf Culture and Community	3
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Anthropology

ANTH-102	Cultural Anthropology	3
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ANTH-105	North American Indians (formerly ANTH-103A)	3
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ANTH-107	Indigenous People of Latin America (formerly ANTH-103D Latin American Cultures)	3
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ANTH/HIST-121	California Indians	3
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ANTH-125	Magic, Witchcraft and Religion	3
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Art

ART-104	World Art	3
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Child Development & Education

CDE-118	Teaching in a Diverse Society (formerly Diversity and Equity in Early Childhood)	3
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Dance

DAN-100/HIST-151	History and Appreciation of Dance	3
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DAN-201	Dances of the World	1
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Geography

GEOG-108	World Regional Geography	3
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History

HIST-107	The History of East Asia Before 1600	3
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HIST-108	The History of East Asia Since 1600	3
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HIST-115	Women in United States History	3
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HIST-117	History of India	3
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HIST-118	History of World Religions (formerly HUM-104 World Religions)	3
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HIST/ANTH-121	California Indians	3
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HIST-140	History of Mexico	3
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HIST-141	History of Latin America to 1820	3
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HIST-142	History of Latin America Since 1820	3
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HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	3
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HIST-151/DAN-100	History and Appreciation of Dance	3
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HIST-160	Black History in the American Context	3
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Literature

LIT-240	American Indian Literature (formerly ENGL-240)	3
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LIT-255	Gender and Sexuality in Literature	3
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LIT-260	Introduction to African American Literature (formerly ENGL-260)	3
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LIT-275	Latinx/Chicanx Literature	3
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LIT-280	Multiethnic Literature (formerly ENGL-280)	3
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Music

MUS-108	History of Jazz and Blues	3
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MUS-109	World Music	3
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Political Science

PS-103	Ethnic Politics in America	3
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Social Justice Studies

SJS-101	Introduction to Social Justice Studies	3
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Sociology

SOCI-115	Contemporary Chicano in Society	3
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AREA G - Math Competency

May be demonstrated by (1) Completing MATH-096 Intermediate Algebra or any other Math course at a higher level with a grade of "C" or better; (2) Completing PSYC-121 Statistics for Behavioral Sciences or SOCI-121 Statistics for Behavioral Sciences with a grade of "C" or better; (3) Receiving a passing score on CLEP, AP, or IB Exams for a Math course; (4) Receiving a passing score on credit by examination for MATH-096 Intermediate Algebra.

Course	Title	Credits
Mathematics		
MATH-096	Intermediate Algebra	5
MATH-105	College Algebra	4
MATH-110	Pre-Calculus	4
MATH-115	Ideas of Mathematics	3
MATH-135	Calculus for Social Science and Business	3
MATH-140	Introduction to Statistics	3
MATH-211	Analytic Geometry and Calculus I	4
MATH-212	Analytic Geometry and Calculus II	4
MATH-213	Analytic Geometry and Calculus III	5
MATH-215	Differential Equations	4
PSYC-121/SOCI-101	Statistics for Behavioral Sciences	3

AREA H - Reading Competency

Course	Title	Credits
Reading		
Collegiate-level reading competency may be demonstrated by passing ENGL-101 or ENGL-101H with a "C" grade or better or with an equivalent AP score or equivalent course work.		
Total Units		0

Collegiate-level reading competency may be demonstrated by passing ENGL-101 College Composition (formerly Freshman Composition) or ENGL-101H Honors College Composition (formerly Freshman Composition) with a "C" grade or better or with an equivalent AP score or equivalent course work.

VI. RESIDENCY UNIT REQUIREMENT for a DEGREE

A student must complete at least 12 units in residence at MSJC.

NOTE:

1. For some defined majors, completion of the certificate course work will also satisfy the major requirements for the AA or AS degree.
2. Double counting of units for general education is NOT permitted per Title 5.
3. Course work may double count for satisfaction of both the general education and major requirements, however, units may be counted only once.
4. Honors sections of a course may be used in lieu of the regular approved course.
5. Students are encouraged to make an appointment with a Counselor to develop a comprehensive student educational plan.

Option A: MSJC General Education for Non-Transfer Associate Degrees

I. TOTAL UNIT REQUIREMENT – 60 degree applicable semester units

- A. General Education Option A = 24 semester units minimum
- B. Major or Area of Emphasis= 18 semester units minimum (Refer to catalog program pages for specific major requirements).
 1. In a defined major (Refer to 18 unit requirement list in the general catalog)
 2. In an interdisciplinary group major (Refer to 18 unit requirement list in the general catalog)
 - a. Science (Pre-Nursing or Pre-DMS)
 - b. Social and Behavioral Sciences
- C. Electives (as needed to meet a total of 60 degree applicable units)
- D. For Advanced Placement, CLEP or International Baccalaureate exam information please see charts in the current MSJC General Catalog

II. GRADE POINT AVERAGE

General Education applicable courses must have a cumulative grade point average of 2.0 ("C") or better.
All 18 unit Major or Area of Emphasis courses must be at 2.0 ("C") or better.

III. ENGLISH COMPETENCY – AREA D1

A grade of "C" or better in: ENGL-101 College Composition (formerly Freshman Composition)ENGL-101 College Composition (formerly Freshman Composition) or ENGL-101H Honors College Composition (formerly Freshman Composition) approved AP exam and score

IV. MATH COMPETENCY – AREA G

A grade of "C" or better in MATH-096 Intermediate Algebra or PSYC-121 Statistics for Behavioral Sciences or SOCI-121 Statistics for Behavioral Sciences or higher-level math course; approved CLEP, AP or IB exam; Credit by Exam for MATH-096 Intermediate Algebra; or equivalent coursework.

V. READING COMPETENCY – AREA H

General Education Transfer Requirements

Option B: CSU Transfer

Option B: 2020-2021 General Education Requirements for California State Universities

AREA A - English Language Communication and Critical Thinking

9 semester units/12 quarter units required. Select one course from each of the following areas: A1, A2, A3.

Course	Title	Credits
A1. Oral Communication: Select one course, 3 semester/4 quarter units		
<i>Communication</i>		
COMM-100	Public Speaking	3
COMM-100H	Honors Public Speaking	3
COMM-103	Interpersonal Communication	3
COMM-103H	Honors Interpersonal Communication	3
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
COMM-104H	Honors Argumentation and Debate (formerly Advocacy and Argument)	3
COMM-106	Small Group Communication	3
COMM-201	Advanced Public Speaking	3
A2. Written Communication: Select one course, 3 semester/4 quarter units		
<i>English</i>		
ENGL-101	College Composition (formerly Freshman Composition)	4
ENGL-101H	Honors College Composition (formerly Freshman Composition)	4
A3. Critical Thinking: Select one course, 3 semester/4 quarter units		
<i>Communication</i>		
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
COMM-104H	Honors Argumentation and Debate (formerly Advocacy and Argument)	3
<i>English</i>		
ENGL-103	Critical Thinking and Writing	3
ENGL-103H	Honors Critical Thinking and Writing	3
<i>Philosophy</i>		
PHIL-103	Logic	3
PHIL-112	Critical Thinking and Composition	3

AREA B - Scientific Inquiry / Quantitative Reasoning

9 semester/12 quarter units required. Select one course from B1 and one course from B2. At least one course must contain a lab embedded in the course, signified by ⁽¹⁾ or choose one course from B3 that corresponds to a course in B1 or B2. Additionally, select one course from B4.

Course	Title	Credits
B1. Physical Science: Select one course, 3 semester/4 quarter units		
<i>Astronomy</i>		
ASTR-101	Introduction to Astronomy ¹	4
ASTR/GEOL-111	Planetary Astronomy	3
<i>Chemistry</i>		
CHEM-100	Introduction to Chemistry ¹	4
CHEM-101	General Chemistry I ¹	5
CHEM-101H	Honors General Chemistry I ¹	5
CHEM-102	General Chemistry II ¹	5
CHEM-107	Chemistry of Life ¹	5
CHEM-112	Organic Chemistry I ¹	5
CHEM-113	Organic Chemistry II ¹	5
CHEM-113H	Honors Organic Chemistry II ¹	5
<i>Environmental Studies</i>		
ENVS-100	Humans and Scientific Inquiry	3
ENVS-100H	Honors Humans and Scientific Inquiry	3
ENVS-101	Environmental Science	3
ENVS-101H	Honors Environmental Science	3
<i>Geography</i>		
GEOG-101	Physical Geography	3
GEOG-106	Introduction to Weather and Climate	3
<i>Geology</i>		
GEOL-100	Physical Geology ¹	4
GEOL-103	Environmental Geology	3
GEOL-105	Historical Geology ¹	4
GEOL-106	Earth Science ¹	4
GEOL-107	Scenic Adventure Field Trips in Geology (formerly Geologic Field Trips)	1.5
GEOL-109	Geology of National Parks	3
GEOL-110	Oceanography ¹	4
GEOL/ASTR-111	Planetary Astronomy	3
<i>Physics</i>		
PHY-100	Physical Science in Modern Society (formerly Conceptual Physics)	3
PHY-101	Basic Physics: Energy and Motion ¹	4
PHY-102	Basic Electricity and Modern Physics ¹	4
PHY-201	Mechanics and Wave Motion ¹	4
PHY-202	Electricity and Magnetism ¹	4
PHY-202H	Honors Electricity and Magnetism ¹	4
PHY-203	Optics and Modern Physics ¹	4
B2. Life Science: Select one course, 3 semester/4 quarter units		
<i>Anatomy</i>		
ANAT-101	Human Anatomy & Physiology I ¹	4
ANAT-102	Human Anatomy & Physiology II ¹	4
<i>Anthropology</i>		
ANTH-101	Physical Anthropology	3
ANTH-101H	Honors Physical Anthropology	3
<i>Biology</i>		
BIOL-100	Human Biology ¹	4
BIOL-100H	Honors Human Biology ¹	4

BIOL-115	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology) ¹	4
BIOL-115H	Honors Introductory Topics in Biology: Cells to Ecosystems (formerly Honors Topics in Biology) ¹	4
BIOL-117	Conservation Biology	3
BIOL-125	Microbiology ¹	4
BIOL-125H	Honors Microbiology ¹	4
BIOL-130	Marine Biology ¹	4
BIOL-131	Genes and Biotechnology in Society ¹	4
BIOL-131H	Honors Genes and Biotechnology in Society ¹	4
BIOL-134	Human Heredity and Evolution	3
BIOL-140	Ecology ¹	4
BIOL-144	Plant Biology ¹	4
BIOL-144H	Honors Plant Biology ¹	4
BIOL-146	Biodiversity	3
BIOL-150	General Biology I ¹	4
BIOL-150H	Honors General Biology I ¹	4
BIOL-151	General Biology II ¹	4
BIOL-151H	Honors General Biology II ¹	4
<i>Psychology</i>		
PSYC-107H	Honors Psychobiology	3
B3. Laboratory Activity: Select one lab activity associated with a course in B1 or B2		
<i>Anthropology</i>		
ANTH-111	Physical Anthropology Lab (concurrent or previous enrollment in ANTH-101/ ANTH-101H required) ¹	1
<i>Environmental Studies</i>		
ENVS-102	Environmental Science Laboratory (concurrent or previous enrollment in ENVS-101/ENVS-101H required) ¹	1
ENVS-102H	Honors Environmental Science Laboratory (concurrent or previous enrollment in ENVS-101/ENVS-101H required) ¹	1
<i>Geography</i>		
GEOG-104	Physical Geography Lab (concurrent or previous enrollment in GEOG-101 required) ¹	1
B4. Mathematics/Quantitative Reasoning: Select one course, 3 semester/4 quarter units		
<i>Biology</i>		
<i>Computer Science/Information Systems</i>		
CSIS-213	Discrete Structures	3
<i>Math</i>		
MATH-105	College Algebra	4
MATH-105H	Honors College Algebra	4
MATH-110	Pre-Calculus	4
MATH-115	Ideas of Mathematics	3
MATH-135	Calculus for Social Science and Business	3
MATH-140	Introduction to Statistics	3
MATH-155	Mathematics for Elementary Teaching (formerly Mathematics for Elementary Teaching I)	3

MATH-211	Analytic Geometry and Calculus I	4
MATH-211H	Honors Analytic Geometry and Calculus I	4
MATH-212	Analytic Geometry and Calculus II	4
MATH-212H	Honors Analytic Geometry and Calculus II	4
MATH-213	Analytic Geometry and Calculus III	5
MATH-213H	Honors Analytic Geometry and Calculus III	5
MATH-215	Differential Equations	4
MATH-215H	Honors Differential Equations	4
MATH-218	Linear Algebra	3
<i>Psychology/Sociology</i>		
PSYC/SOCI-121	Statistics for Behavioral Sciences	3

¹ Laboratory science course

AREA C - Arts and Humanities

9 semester/12 quarter units required. Select one course from C1, one course from C2, and a third course from either C1 or C2.

Students completing **CSUGE for STEM** are required to complete 6 semester units/9 quarter units. Select one course from C1 and one course from C2. See notes below regarding CSUGE for STEM.

Course	Title	Credits
C1. Arts: Arts, Cinema, Dance, Music, Theater		
<i>Art</i>		
ART-100	Art Appreciation	3
ART-101	Art History: Prehistoric Through Medieval Art	3
ART-101H	Honors Art History: Prehistoric Through Medieval Art	3
ART-102	Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)	3
ART-102H	Honors Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)	3
ART-103	Introduction to Modernism	3
ART-103H	Honors Introduction to Modernism	3
ART-104	World Art	3
ART-104H	Honors World Art	3
ART-108	Beginning Drawing	3
ART-109	Intermediate Drawing	3
ART-115	Painting I	3
ART-116	Painting II	3
ART-120	2D Design	3
ART-121	Color Theory	3
ART-160	Sculpture	3
ART-170	Intermediate Sculpture (formerly Foundry-Ceramic Shell Casting)	3
<i>Audio Technology</i>		
AUD/MUS-140	Beginning Studio Recording	3
AUD/MUS-141	Intermediate Studio Recording	3
<i>Communication</i>		
COMM/THA-113	Oral Interpretation of Literature	3
<i>Dance</i>		
DAN-100/HIST-151	History and Appreciation of Dance	3

DAN-121A	Beginning Ballet	2
DAN-122A	Beginning Modern Dance	2
DAN-123A	Beginning Jazz Dance	2
DAN-125	Choreography I	3
DAN-126A	Intermediate Modern Dance	2
DAN-127A	Intermediate Jazz Dance (formerly DAN-127)	2
DAN-128A	Intermediate Ballet (formerly DAN-128)	2
DAN-129	Intermediate Tap Dance	2
DAN-133	History of Popular Dance in the United States	3
DAN-212	Dance Production	1-3
DAN-225	Choreography II	3
DAN-299	Special Projects: Dance	1-3
<i>History</i>		
HIST-151/DAN-100	History and Appreciation of Dance	3
HIST-165/THA-155	Musical Theater History	3
<i>Music</i>		
MUS-100	Introduction and Appreciation of Music	3
MUS-100H	Honors Introduction and Appreciation of Music	3
MUS-101	Music Fundamentals	3
MUS-103	Music Theory I	3
MUS-104	Music Theory II	3
MUS-106	History of Rock & Roll	3
MUS-107	Introduction and Appreciation of American Music	3
MUS-107H	Honors Introduction and Appreciation of American Music	3
MUS-108	History of Jazz and Blues	3
MUS-108H	Honors History of Jazz and Blues	3
MUS-109	World Music	3
MUS-114	Jazz Improvisation	1
MUS/AUD-140	Beginning Studio Recording	3
MUS/AUD-141	Intermediate Studio Recording	3
MUS-253	Music Theory III	3
<i>Theater Arts</i>		
THA-101	Introduction to Theater	3
THA-101H	Honors Introduction to Theater	3
THA-110	Fundamentals of Acting	3
THA-111	Intermediate Acting	3
THA-112	Acting for Film and Television	3
THA/COMM-113	Oral Interpretation of Literature	3
THA-117	Stagecraft	3
THA-135	Introduction to Film	3
THA-137	Introduction to World Cinema	3
THA-137H	Honors Introduction to World Cinema	3
THA-155/HIST-165	Musical Theater History	3
C2. Humanities: Literature, Philosophy, Languages other than English		
<i>American Sign Language</i>		
ASL-100	American Sign Language I	4
ASL-101	American Sign Language II	4
ASL-110	Deaf Culture and Community	3
ASL-201	American Sign Language III (formerly ASL-103)	4
ASL-202	American Sign Language IV (formerly ASL-104)	4
ASL-203	American Sign Language V (formerly ASL-105)	3
<i>Anthropology</i>		
ANTH-145	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3
ANTH-145H	Honors Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3
<i>Child Development & Education</i>		
CDE/LIT-131	Children's Literature	3
CDE/LIT-131H	Honors Children's Literature	3
<i>Dance</i>		
DAN-100/HIST-151	History and Appreciation of Dance	3
<i>Education</i>		
ED/LIT-132	Adolescent Literature	3
ED/LIT-132H	Honors Adolescent Literature	3
<i>English</i>		
ENGL-130	Introduction to Creative Writing	3
ENGL-130H	Honors Introduction to Creative Writing	3
<i>Ethnic Studies</i>		
ETHS/LIT-275	Latinx/Chicanx Literature	3
ETHS/LIT-275H	Honors Latinx/Chicanx Literature	3
ETHS/LIT-280	Multiethnic Literature (formerly ENGL-280)	3
ETHS/LIT-280H	Honors Multiethnic Literature (formerly ENGL-280H)	3
<i>French</i>		
FREN-101	Elementary French I	4
FREN-102	Elementary French II	4
FREN-201	Intermediate French I	4
<i>History</i>		
HIST-101	Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3
HIST-101H	Honors Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3
HIST-102	Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)	3
HIST-102H	Honors Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)	3
HIST-103	World History to 1500 (formerly History of World Civilizations to 1500)	3
HIST-103H	Honors World History to 1500 (formerly Honors History of World Civilizations to 1500)	3
HIST-104	World History Since 1500	3
HIST-104H	Honors World History Since 1500	3
HIST-106	The World Since 1900	3
HIST-106H	Honors The World Since 1900	3

HIST-107	The History of East Asia Before 1600	3	LIT-255H	Honors Gender and Sexuality in Literature	3
HIST-107H	Honors the History of East Asia Before 1600	3	LIT-260	Introduction to African American Literature (formerly ENGL-260)	3
HIST-108	The History of East Asia Since 1600	3	LIT-260H	Honors Introduction to African American Literature (formerly ENGL-260H)	3
HIST-108H	Honors the History of East Asia Since 1600	3	LIT/ETHS-275	Latinx/Chicanx Literature	3
HIST-117	History of India	3	LIT/ETHS-275H	Honors Latinx/Chicanx Literature	3
HIST-117H	Honors History of India	3	LIT/ETHS-280	Multiethnic Literature (formerly ENGL-280)	3
HIST-118	History of World Religions (formerly HUM-104 World Religions)	3	LIT/ETHS-280H	Honors Multiethnic Literature (formerly ENGL-280H)	3
HIST/THA-136	Cultural History of American Motion Pictures	3	<i>Philosophy</i>		
HIST-140	History of Mexico	3	PHIL-101	Introduction to Philosophy I	3
HIST-140H	Honors History of Mexico	3	PHIL-101H	Honors Introduction to Philosophy I	3
HIST-151/DAN-100	History and Appreciation of Dance	3	PHIL-105	Introduction to Ethics	3
HIST-154/THA-102	Theater History	3	PHIL-109	Ancient and Medieval Philosophy	3
<i>Literature</i>			PHIL-110	Modern and Contemporary Philosophy (formerly Renaissance and Modern Philosophy)	3
LIT-106	Introduction to Literature (formerly ENGL-106)	3	<i>Spanish</i>		
LIT-106H	Honors Introduction to Literature (formerly ENGL-106H)	3	SPAN-101	Elementary Spanish I	4
LIT/CDE-131	Children's Literature (formerly ENGL-131)	3	SPAN-101B	Introduction to Spanish 101 (Continuation)	3
LIT/CDE-131H	Honors Children's Literature (formerly ENGL-131H)	3	SPAN-102	Elementary Spanish II	4
LIT/ED-132	Adolescent Literature (formerly ENGL-132)	3	SPAN-141	Spanish through Film (formerly SPAN-240)	3
LIT/ED-132H	Honors Adolescent Literature (formerly ENGL-132H)	3	SPAN-201	Intermediate Spanish I	4
LIT-205	World Folklore and Mythology (formerly ENGL-205 World Folklore)	3	SPAN-202	Intermediate Spanish II	4
LIT-205H	Honors World Folklore and Mythology (formerly ENGL-205H Honors World Folklore)	3	SPAN-203	Spanish for Native Speakers I	4
LIT-207	American Literature: Pre-Colonial to 1865 (formerly ENGL-207)	3	SPAN-204	Spanish for Native Speakers II	4
LIT-207H	Honors American Literature: Pre-Colonial to 1865 (formerly ENGL-207H)	3	SPAN-230	Spanish Composition I	3
LIT-208	American Literature: 1865 to Present (formerly ENGL-208)	3	SPAN-231	Spanish Composition II	3
LIT-208H	Honors American Literature: 1865 to Present (formerly ENGL-208H)	3	SPAN-251	Intermediate Spanish Conversation I	3
LIT-225	Film and Literature (formerly ENGL-225)	3	SPAN-252	Intermediate Spanish Conversation II	3
LIT-225H	Honors Film and Literature (formerly ENGL-225H)	3	<i>Theater Arts</i>		
LIT-230	English Literature: Anglo-Saxon to 1775 (formerly ENGL-230)	3	THA-102/HIST-154	Theater History	3
LIT-230H	Honors English Literature: Anglo-Saxon To 1775 (formerly ENGL-230H)	3	THA/HIST-136	Cultural History of American Motion Pictures	3
LIT-231	English Literature: 1775 to Present (formerly ENGL-231)	3	AREA D - Social Sciences		
LIT-231H	Honors English Literature: 1775 to Present (formerly ENGL-231H)	3	6 semester/9 quarter units required. Select two courses from at least two different disciplines.		
LIT-240	American Indian Literature (formerly ENGL-240)	3	Students completing CSUGE for STEM are required to complete 6 semester units/9 quarter units. Select two course from two different disciplines. See notes below regarding CSUGE for STEM.		
LIT-240H	Honors American Indian Literature (formerly ENGL-240H)	3	Course	Title	Credits
LIT-255	Gender and Sexuality in Literature	3	<i>Administration of Justice</i>		
			AJ-102	Introduction to Criminal Justice	3
			AJ-111	Criminal Procedures	3
			<i>American Sign Language</i>		
			ASL-110	Deaf Culture and Community	3
			<i>Anthropology</i>		
			ANTH-102	Cultural Anthropology	3
			ANTH-102H	Honors Cultural Anthropology	3
			ANTH-104	World Prehistory	3
			ANTH-104H	Honors World Prehistory	3

ANTH-105	North American Indians (formerly ANTH-103A)	3	HIST-103H	Honors World History to 1500 (formerly Honors History of World Civilizations to 1500)	3
ANTH-107	Indigenous People of Latin America (formerly ANTH-103D Latin American Cultures)	3	HIST-104	World History Since 1500	3
ANTH-115	Introduction to Archaeology	3	HIST-104H	Honors World History Since 1500	3
ANTH/HIST-121	California Indians	3	HIST-106	The World Since 1900	3
ANTH-125	Magic, Witchcraft and Religion	3	HIST-106H	Honors The World Since 1900	3
ANTH-125H	Honors Magic, Witchcraft and Religion	3	HIST-107	The History of East Asia Before 1600	3
<i>Biology</i>			HIST-107H	Honors the History of East Asia Before 1600	3
BIOL/HIST-128	History of Science	3	HIST-108	The History of East Asia Since 1600	3
BIOL/HIST-128H	Honors History of Science	3	HIST-108H	Honors the History of East Asia Since 1600	3
<i>Child Development & Education</i>			HIST-111	U.S. History to 1877	3
CDE-110	Child Development	3	HIST-111H	Honors U.S. History to 1877	3
CDE-110H	Honors Child Development	3	HIST-112	U.S. History Since 1865	3
CDE-125	Child, Family and Community	3	HIST-112H	Honors U.S. History Since 1865	3
CDE-125H	Honors Child, Family and Community	3	HIST-115	Women in United States History	3
<i>Communication</i>			HIST-115H	Honors Women in United States History	3
COMM-108	Intercultural Communication	3	HIST-117	History of India	3
COMM-108H	Honors Intercultural Communication	3	HIST-117H	Honors History of India	3
COMM-116	Gender and Communication	3	HIST-120	California History	3
<i>Economics</i>			HIST-120H	Honors California History	3
ECON-201	Principles of Macroeconomics	3	HIST/ANTH-121	California Indians	3
ECON-201H	Honors Principles of Macroeconomics	3	HIST-124	Recent America: The U.S. Since 1945	3
ECON-202	Principles of Microeconomics	3	HIST-124H	Honors Recent America: The U.S. Since 1945	3
ECON-202H	Honors Principles of Microeconomics	3	HIST-125	Military History of the United States	3
<i>Education</i>			HIST/BIO-128	History of Science	3
ED-136	Child Growth and Development During the School Years	3	HIST/BIO-128H	Honors History of Science	3
<i>Ethnic Studies</i>			HIST-140	History of Mexico	3
ETHS/PS-103	Ethnic Politics in America	3	HIST-140H	Honors History of Mexico	3
ETHS/PS-103H	Honors Ethnic Politics in America	3	HIST-141	History of Latin America to 1820	3
ETHS/HIST-160	Black History in American Context	3	HIST-142	History of Latin America Since 1820	3
ETHS/HIST-160H	Honors Black History in American Context	3	HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	3
<i>Geography</i>			HIST-150H	Honors Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	3
GEOG-102	Cultural Geography	3	HIST/ETHS-160	Black History in the American Context	3
GEOG-107	Urban Geography	3	HIST/ETHS-160H	Honors Black History-American Context American Context	3
GEOG-108	World Regional Geography	3	<i>Legal Assistant</i>		
GEOG-111	Geography of California	3	LEG-100	Foundations of the Legal System	3
<i>History</i>			<i>Physical Education</i>		
HIST-101	Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3	PE-126	Sport Psychology	3
HIST-101H	Honors Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3	<i>Political Science</i>		
HIST-102	Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)	3	PS-101	Introduction to American Government and Politics	3
HIST-102H	Honors Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)	3	PS-101H	Honors Introduction to American Government and Politics	3
HIST-103	World History to 1500 (formerly History of World Civilizations to 1500)	3	PS-102	Comparative Politics and Government	3
			PS-102H	Honors Comparative Politics and Government	3

PS/ETHS-103	Ethnic Politics in America	3
PS/ETHS-103H	Honors Ethnic Politics in America	3
PS-105	Introduction to Political Theory	3
PS-105H	Honors Introduction to Political Theory	3
PS-106	Introduction to International Relations	3
PS-106H	Honors Introduction to International Relations	3
PS-120	California Government	3
PS-120H	Honors California Government	3
<i>Psychology</i>		
PSYC-101	Introduction to Psychology	3
PSYC-101H	Honors Introduction to Psychology	3
PSYC-102	Personal Growth	3
PSYC-103	Human Development	3
PSYC-103H	Honors Human Development	3
PSYC-104	Psychology of Gender	3
PSYC-104H	Honors Psychology of Gender	3
PSYC/SOCI-105	Social Psychology	3
PSYC/SOCI-105H	Honors Social Psychology	3
PSYC-107	Psychobiology	3
PSYC-107H	Honors Psychobiology	3
PSYC-108	Abnormal Psychology	3
PSYC-108H	Honors Abnormal Psychology	3
PSYC/SOCI-112	Gender and Social Interaction	3
PSYC-124	Social Research Methodology With Lab (formerly Social Research Methodology)	4
PSYC-124H	Honors Social Research Methodology With Lab (formerly Honors Social Research Methodology)	4
<i>Social Justice Studies</i>		
SJS-101	Introduction to Social Justice Studies	3
SJS-101H	Honors Introduction to Social Justice Studies	3
<i>Sociology</i>		
SOCI-101	Principles of Sociology	3
SOCI-101H	Honors Principles of Sociology	3
SOCI-102	Contemporary Social Problems	3
SOCI-103	Marriage and the Family	3
SOCI/PSYC-105	Social Psychology	3
SOCI/PSYC-105H	Honors Social Psychology	3
SOCI-106	Intercultural Relations	3
SOCI-108	Human Sexuality	3
SOCI-110	Media and Society	3
SOCI/PSYC-112	Gender and Social Interaction	3
SOCI-115	Contemporary Chicano in Society	3
SOCI-125	Crime and Society	3

AREA E - Lifelong Learning and Self-Development

3 semester/4 quarter units required. There is a 1 unit limitation for all DAN and PE activity courses, signified by [2].

Course	Title	Credits
<i>College Success and Career Readiness</i>		
CSCR-100	College Success and Career Readiness (formerly GUID-100 College Success)	3
CSCR-116	Integrative Career/Life Planning (formerly GUID-116)	3
<i>Communication</i>		
COMM-103	Interpersonal Communication	3
COMM-103H	Honors Interpersonal Communication	3
<i>Dance</i>		
DAN/THA-108	Improvisation for Dance and Theater	3
DAN-120	Conditioning and Alignment for Dance ²	2
DAN-121B	Advanced Beginning Ballet ²	2
DAN-123B	Advanced Beginning Jazz Dance ²	2
DAN-124	Beginning Tap Dance ²	2
DAN-128B	Advanced Intermediate Ballet ²	2
DAN-131A	Beginning Hip Hop (formerly DAN-131) ²	2
DAN-131B	Advanced Beginning Hip Hop ²	2
DAN-135A	Intermediate Hip Hop ²	2
DAN-135B	Advanced Intermediate Hip Hop ²	2
DAN-201	Dances of the World ²	1
<i>Environmental Studies</i>		
ENVS-100	Humans and Scientific Inquiry	3
ENVS-101	Environmental Science	3
<i>Health Science</i>		
HS-121	Fundamentals of Healthful Living	3
HS-123	Drugs, Health and Society (formerly Drugs: Use and Abuse)	3
<i>Nutrition</i>		
NUTR-100	Family Nutrition	3
NUTR-100H	Honors Family Nutrition	3
NUTR-101	Introduction to Nutrition Science (formerly Nutrition and Foods)	3
NUTR-101H	Honors Introduction to Nutrition Science (formerly Nutrition and Foods)	3
<i>Physical Education</i>		
PE-112	Body Conditioning ²	1
PE-112A	Step Aerobics & Circuit Training (formerly Beginning Step Aerobics) ²	1
PE-113	Introduction to Jogging (formerly Jogging) ²	1
PE-114A	Strength Training: Circuit ²	1
PE-114B	Strength Training: Free Weights ²	1
PE-114C	Powerlifting ²	1
PE-119	Exercise Walking ²	1
PE-119B	Intermediate Fitness Walking ²	2
PE-120	Beginning Yoga ²	1
PE-126	Sport Psychology	3
PE-132	Beginning Tennis ²	1
PE-133	Individual and Group Sports: Basketball ²	1
PE-137	Individual and Group Sports: Soccer ²	1
PE-183	Self-Defense ²	1

Physical Education/Intercollegiate

PEIC-139A	Pre-Season Athletics: Soccer (Women) ²	1-3
PEIC-139B	Off-Season Athletics: Soccer (Women) ²	1-3
PEIC-140A	Pre-Season Athletics: Football (Men) ²	1-3
PEIC-140B	Off-Season Athletics: Football (Men) ²	1-3
PEIC-141C	Pre-Season Athletics: Basketball (Men) ²	1-3
PEIC-141D	Off-Season Athletics: Basketball (Men) ²	1-3
PEIC-142A	Pre-Season Athletics: Volleyball (Women) ²	1-3
PEIC-142B	Off-Season Athletics: Volleyball (Women) ²	1-3
PEIC-143C	Pre-Season Athletics: Basketball (Women) ²	1-3
PEIC-143D	Off-Season Athletics: Basketball (Women) ²	1-3
PEIC-144A	Pre-Season Athletics: Baseball (Men) ²	1-3
PEIC-144B	Off-Season Athletics: Baseball (Men) ²	1-3
PEIC-145A	Pre-Season Athletics: Tennis (Men) ²	1-3
PEIC-145B	Off-Season Athletics: Tennis (Men) ²	1-3
PEIC-146A	Pre-Season Athletics: Tennis (Women) ²	1-3
PEIC-146B	Off-Season Athletics: Tennis (Women) ²	1-3
PEIC-147A	Pre-Season Athletics: Golf ²	1-3
PEIC-147B	Off-Season Athletics: Golf ²	1-3
PEIC-148A	Pre-Season Athletics: Softball (Women) ²	1-3
PEIC-148B	Off-Season Athletics: Softball (Women) ²	1-3

Psychology

PSYC-101	Introduction to Psychology	3
PSYC-101H	Honors Introduction to Psychology	3
PSYC-102	Personal Growth	3
PSYC-103	Human Development	3
PSYC-103H	Honors Human Development	3
PSYC-104	Psychology of Gender	3
PSYC-104H	Honors Psychology of Gender	3
PSYC/SOCI-112	Gender and Social Interaction	3

Sociology

SOCI-102	Contemporary Social Problems	3
SOCI-103	Marriage and the Family	3
SOCI-108	Human Sexuality	3
SOCI/PSYC-112	Gender and Social Interaction	3

Theater Arts

THA/DAN-108	Improvisation for Dance and Theater	3
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Form DD-214

Basic training clears E

² Unit limitation on activity courses, 1 unit maximum

AREA F - Ethnic Studies

Select one course for 3 semester/4 quarter units required. Students who began taking courses at MSJC prior to Fall 2021, and maintain catalog rights (p. 87), may complete previous CSUGE requirements.

Course	Title	Credits
<i>Ethnic Studies</i>		
ETHS-103	Ethnic Politics in America	3
ETHS-103H	Honors Ethnic Politics in America	3
ETHS-160	Black History in American Context	3
ETHS-160H	Honors Black History in American Context	3
ETHS-275	Latinx/Chicanx Literature	3

ETHS-275H	Honors Latinx/Chicanx Literature	3
ETHS-280	Multiethnic Literature (formerly ENGL-280)	3
ETHS-280H	Honors Multiethnic Literature (formerly ENGL-280H)	3

History

HIST/ETHS-160	Black History in the American Context (History)	3
HIST/ETHS-160H	Honors Black History-American Context American Context	3

Literature

LIT/ETHS-275	Latinx/Chicanx Literature	3
LIT/ETHS-275H	Honors Latinx/Chicanx Literature	3
LIT/ETHS-280	Multiethnic Literature (formerly ENGL-280)	3
LIT/ETHS-280H	Honors Multiethnic Literature (formerly ENGL-280H)	3

Political Science

PS/ETHS-103	Ethnic Politics in America	3
PS/ETHS-103H	Honors Ethnic Politics in America	3

U.S. History, Constitution and American Ideals. CSU Graduation Requirement Only

This is CSU Graduation Requirement and may be completed prior to transfer or taken at the CSU after transfer. Per the receiving CSU institution, the courses listed above can also satisfy AREA D of CSUGE.

Choose one course from U.S. 1, and one course from U.S. 2 or 3. NOTE: PS-101 Introduction to American Government and Politics will clear U.S. 2 & 3. U.S. 3 is required when the equivalent to PS-101 is taken out of state.

Course	Title	Credits
US 1		
<i>History</i>		
HIST-111	U.S. History to 1877	3
HIST-111H	Honors U.S. History to 1877	3
HIST-112	U.S. History Since 1865	3
HIST-112H	Honors U.S. History Since 1865	3
US 2 & 3		
<i>Political Science</i>		
PS-101	Introduction to American Government and Politics	3
PS-101H	Honors Introduction to American Government and Politics	3
US 3		
<i>Political Science</i>		
PS-120	California Government ³	3
PS-120H	Honors California Government ³	3

³ PS-120/ PS-120H is required when the equivalent to PS-101 is taken out of state

Option B: 2020-2021 General Education Requirements for California State Universities

Please meet with an MSJC Counselor for all questions about transfer and CSUGE

When to use the CSUGE Pattern

Completion of all CSUGE requirements will meet lower division general education to transfer from a California Community College (CCC) to a California State University (CSU). AREAS A1, A2, A3, B4 (CSU Golden Four) require a C grade or better. A D grade is acceptable in other general education areas. CSUGE is accepted by some Private institutions.

CSUGE can be used toward all Associate Degrees for Transfers (ADTs) and other transfer degrees at MSJC. These degrees require a minimum of 60 semester CSU transferable units with a minimum overall GPA of 2.0 and a minimum of 18 units within a specific transfer degree major (p. 87). All courses must be completed with a grade C or better or equivalent.

NOTE: Please confirm minimum CSU requirements for specific majors and programs. Students can refer to ASSIST (<https://www.assist.org/>) for CSU major preparation.

Grade Point Average

A minimum of C grade (2.0) or higher is required to earn a degree with CSUGE. Student must verify CSU major and program GPA requirements. AREAS "A1, A2, A3" and "B4" (CSU Golden Four) require a minimum of "C" grade and must be completed prior to applying to the CSU. If a student completed a Golden Four course at a CSU where a C- grade is acceptable to certify a Golden Four area, MSJC **will** honor the C- grade if taken at a CSU, per CSU EO 1100 (<https://calstate.policystat.com/policy/8919100/latest/>). Title 5 stipulates that California Community Colleges (CCC) can use plus and minus grading, except that the C- may not be awarded by a CCC but will be accepted if taken at a CSU.

Double-Counting

Some CSUs will allow HIST-111 U.S. History to 1877, HIST-111H Honors U.S. History to 1877, HIST-112 U.S. History Since 1865, HIST-112H Honors U.S. History Since 1865 or PS-101 Introduction to American Government and Politics, PS-101H Honors Introduction to American Government and Politics, PS-120 California Government or PS-120H Honors California Government to double count in AREA D and the U.S. History, Constitution and American Ideals area. Students should consult the receiving CSU transfer institution about double counting. MSJC allows double counting of these courses for AREA D and US-1.

Double counting within other areas of CSUGE is not allowed. Although a course may be listed in more than one subject area, a single course may be used just once.

Courses Completed at Other Institutions

Courses completed and approved on CSUGE at another CCC can be used in the CSUGE Certification at MSJC. Courses will be applied on CSUGE based on where they were approved from the CCC where they were taken at. If courses are denied for certification, students may petition (through a petition form at Enrollment Services (<https://www.msjc.edu/enroll/commonly-needed-forms.html>)) to use courses taken at UC, CSU, private or out-of-state schools for CSUGE Certification.

Application For Certification

CSUGE Certification is completed by the CCC that the student is transferring from. Certification of lower division CSUGE requirements is

met by completion of all general education areas. Students can apply for CSUGE Certification through Enrollment Services (<https://www.msjc.edu/enroll/commonly-needed-forms.html>).

CSUGE for STEM (Partial CSUGE Certification)

CSUGE for STEM is only allowed for an approved STEM Associate Degree for Transfer (ADT) Degree. Students must confirm the CSU major, program, or college that they are applying to accepts **partial CSUGE certification**. Although CSUGE for STEM is an option, student should prioritize completing major-preparation courses for the specific campuses and programs they are considering.

- **CSU GE Breadth for STEM (33 units): Only permitted for an approved Associate Degree for Transfer (ADT Degree).** The CSU GE Breadth for STEM can **only** be applied to the **Biology, Chemistry and Environmental Science ADT Degrees**. Students are to complete 6 semester units/9 quarter units from AREA C by selecting one course from C1 and one course from C2. Students are also to complete 6 semester units/ 9 quarter units from AREA D by selecting two courses from two different disciplines.
- Students need to confirm that the CSU major/program or college they are applying to accepts **partial CSU GE Breadth certification**. Although CSU GE Breadth for STEM is an option, it is important that students prioritize completing major-preparation courses for the specific campuses and programs students are considering.

AP Scores

AP scores of 3, 4, or 5 can be used to satisfy any CSUGE subject area where acceptable. Please refer to the MSJC AP Chart (p. 39) to confirm how exams can be applied.

IB Scores

A score of 5, 6 or 7 on Higher Level exams are required to receive credit for CSUGE certification. Please verify the acceptable IB (p. 43) score for CSUGE certification. Students who have earned credit from an IB exam should not take a comparable college course, as transfer credit cannot be granted for both.

Military Service

CSU Executive Order 1036 encourages campuses to use evidence of military training to satisfy AREA E (Lifelong Learning and Self-Development) for their students who enroll without a prior GE certification. Veteran students are able to provide proof of completion of basic training as listed on discharge papers, Form DD-214. All CSU campuses have elected to honor CSUGE transfer certifications that clear AREA E (Lifelong Learning and Self-Development) with Form DD-214.

Every effort is made to keep this information current. Transfer and articulation are ongoing processes and courses are subject to changes on this option. Please use this information as a guideline and consult with a university representative or a MSJC Counselor for questions. Student are encouraged to visit <http://www.assist.org> for the current CSU and UC major preparation requirements for transfer and approved general education courses for MSJC. Students are encouraged to meet with a Counselor to develop a comprehensive educational plan.

Option C: IGETC Transfer

Option C: 2020-2021 Intersegmental General Education Transfer Curriculum for CSU, UC, Out of State, and Private Universities

Area 1 - English Communication

9 semester units required/ 12 quarter units.

CSU - 3 courses required. Select one course from each of the following areas: 1A, 1B, 1C.

UC - 2 courses required. Select one course from each of the following areas: 1A and 1B.

All Associate Degrees for Transfer (ADT, AA-T, AS-T) require AREA 1C.

Course Title Credits

1A. English Composition: Select one course, 3 semester/ 4 quarter units

<i>English</i>		
ENGL-101	College Composition (formerly Freshman Composition)	4
ENGL-101H	Honors College Composition (formerly Freshman Composition)	4

1B. Critical Thinking—English Composition: Select one course, 3 semester/ 4 quarter units

<i>English</i>		
ENGL-103	Critical Thinking and Writing	3
ENGL-103H	Honors Critical Thinking and Writing	3
<i>Philosophy</i>		
PHIL-112	Critical Thinking and Composition	3

1C. Oral Communication: Select one course, 3 semester/ 4 quarter units

<i>Communication</i>		
COMM-100	Public Speaking	3
COMM-100H	Honors Public Speaking	3
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
COMM-104H	Honors Argumentation and Debate (formerly Advocacy and Argument)	3
COMM-201	Advanced Public Speaking	3

Area 2 - Mathematical Concepts & Quantitative Reasoning

3 semester units/ 4 quarter units required. Select one course.

Course	Title	Credits
Computer Science		
CSIS-213	Discrete Structures	3
Mathematics		
MATH-105	College Algebra	4
MATH-105H	Honors College Algebra	4
MATH-110	Pre-Calculus	4
MATH-115	Ideas of Mathematics	3
MATH-135	Calculus for Social Science and Business	3
MATH-140	Introduction to Statistics	3
MATH-211	Analytic Geometry and Calculus I	4

MATH-211H	Honors Analytic Geometry and Calculus I	4
MATH-212	Analytic Geometry and Calculus II	4
MATH-212H	Honors Analytic Geometry and Calculus II	4
MATH-213	Analytic Geometry and Calculus III	5
MATH-213H	Honors Analytic Geometry and Calculus III	5
MATH-215	Differential Equations	4
MATH-215H	Honors Differential Equations	4
MATH-218	Linear Algebra	3

Psychology/Sociology

PSYC/SOCI-121	Statistics for Behavioral Sciences	3
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Area 3 - Arts and Humanities

9 semester/12 quarter units required. Select one course from 3A, one course from 3B, and a third course from either 3A or 3B.

Students completing IGETC for STEM are required to complete 6 semester units/9 quarter units. Select one course from 3A and one course from 3B. See notes below regarding IGETC for STEM.

Course	Title	Credits
3A. Arts		
<i>Art</i>		
ART-100	Art Appreciation	3
ART-101	Art History: Prehistoric Through Medieval Art	3
ART-101H	Honors Art History: Prehistoric Through Medieval Art	3
ART-102	Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)	3
ART-102H	Honors Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)	3
ART-103	Introduction to Modernism	3
ART-103H	Honors Introduction to Modernism	3
ART-104	World Art	3
ART-104H	Honors World Art	3
<i>Dance</i>		
DAN-100/HIST-151	History and Appreciation of Dance	3
DAN-125	Choreography I	3
DAN-133	History of Popular Dance in the United States	3
DAN-225	Choreography II	3
<i>History</i>		
HIST-151/DAN-100	History and Appreciation of Dance	3
HIST-165/THA-155	Musical Theater History	3
<i>Music</i>		
MUS-100	Introduction and Appreciation of Music	3
MUS-100H	Honors Introduction and Appreciation of Music	3
MUS-106	History of Rock & Roll	3
MUS-107	Introduction and Appreciation of American Music	3
MUS-107H	Honors Introduction and Appreciation of American Music	3
MUS-108	History of Jazz and Blues	3

MUS-108H	Honors History of Jazz and Blues	3	HIST-107	The History of East Asia Before 1600	3
MUS-109	World Music	3	HIST-107H	Honors the History of East Asia Before 1600	3
<i>Theater Arts</i>					
THA-101	Introduction to Theater	3	HIST-108	The History of East Asia Since 1600	3
THA-101H	Honors Introduction to Theater	3	HIST-108H	Honors the History of East Asia Since 1600	3
THA-137	Introduction to World Cinema	3	HIST-111H	Honors U.S. History to 1877	3
THA-137H	Honors Introduction to World Cinema	3	HIST-112H	Honors U.S. History Since 1865	3
THA-155/HIST-165	Musical Theater History	3	HIST-117	History of India	3
3B. Humanities					
<i>American Sign Language</i>					
ASL-101	American Sign Language II	4	HIST-117H	Honors History of India	3
ASL-110	Deaf Culture and Community	3	HIST-118	History of World Religions (formerly HUM-104 World Religions)	3
ASL-201	American Sign Language III (formerly ASL-103)	4	HIST/THA-136	Cultural History of American Motion Pictures	3
ASL-202	American Sign Language IV (formerly ASL-104)	4	HIST-140	History of Mexico	3
<i>Anthropology</i>					
ANTH-145	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3	HIST-140H	Honors History of Mexico	3
ANTH-145H	Honors Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3	HIST-151/DAN-100	History and Appreciation of Dance	3
<i>Dance</i>					
DAN-100/HIST-151	History and Appreciation of Dance	3	HIST-154/THA-102	Theater History	3
<i>Education</i>					
ED/LIT-132	Adolescent Literature	3	<i>Literature</i>		
ED/LIT-132H	Honors Adolescent Literature	3	LIT-106	Introduction to Literature (formerly ENGL-106)	3
<i>Ethnic Studies</i>					
ETHS/LIT-280	Multiethnic Literature (formerly ENGL-280)	3	LIT-106H	Honors Introduction to Literature (formerly ENGL-106H)	3
ETHS/LIT-280H	Honors Multiethnic Literature (formerly ENGL-280H)	3	LIT/ED-132	Adolescent Literature (formerly ENGL-132)	3
<i>French</i>					
FREN-102	Elementary French II	4	LIT/ED-132H	Honors Adolescent Literature (formerly ENGL-132H)	3
FREN-201	Intermediate French I	4	LIT-205	World Folklore and Mythology (formerly ENGL-205 World Folklore)	3
<i>History</i>					
HIST-101	Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3	LIT-205H	Honors World Folklore and Mythology (formerly ENGL-205H Honors World Folklore)	3
HIST-101H	Honors Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3	LIT-207	American Literature: Pre-Colonial to 1865 (formerly ENGL-207)	3
HIST-102	Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)	3	LIT-207H	Honors American Literature: Pre-Colonial to 1865 (formerly ENGL-207H)	3
HIST-102H	Honors Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)	3	LIT-208	American Literature: 1865 to Present (formerly ENGL-208)	3
HIST-103	World History to 1500 (formerly History of World Civilizations to 1500)	3	LIT-208H	Honors American Literature: 1865 to Present (formerly ENGL-208H)	3
HIST-103H	Honors World History to 1500 (formerly Honors History of World Civilizations to 1500)	3	LIT-225	Film and Literature (formerly ENGL-225)	3
HIST-104	World History Since 1500	3	LIT-225H	Honors Film and Literature (formerly ENGL-225H)	3
HIST-104H	Honors World History Since 1500	3	LIT-230	English Literature: Anglo-Saxon to 1775 (formerly ENGL-230)	3
HIST-106	The World Since 1900	3	LIT-230H	Honors English Literature: Anglo-Saxon To 1775 (formerly ENGL-230H)	3
HIST-106H	Honors The World Since 1900	3	LIT-231	English Literature: 1775 to Present (formerly ENGL-231)	3
			LIT-231H	Honors English Literature: 1775 to Present (formerly ENGL-231H)	3
			LIT-240	American Indian Literature (formerly ENGL-240)	3
			LIT-240H	Honors American Indian Literature (formerly ENGL-240H)	3
			LIT-255	Gender and Sexuality in Literature	3
			LIT-255H	Honors Gender and Sexuality in Literature	3

LIT-260	Introduction to African American Literature (formerly ENGL-260)	3	BIOL/HIST-128	History of Science	3
LIT-260H	Honors Introduction to African American Literature (formerly ENGL-260H)	3	BIOL/HIST-128H	Honors History of Science	3
LIT/ETHS-280	Multiethnic Literature (formerly ENGL-280)	3	<i>Child Development & Education</i>		
LIT/ETHS-280H	Honors Multiethnic Literature (formerly ENGL-280H)	3	CDE-110	Child Development	3
<i>Philosophy</i>			CDE-110H	Honors Child Development	3
PHIL-101	Introduction to Philosophy I	3	<i>Economics</i>		
PHIL-101H	Honors Introduction to Philosophy I	3	ECON-201	Principles of Macroeconomics	3
PHIL-105	Introduction to Ethics	3	ECON-201H	Honors Principles of Macroeconomics	3
PHIL-109	Ancient and Medieval Philosophy	3	ECON-202	Principles of Microeconomics	3
PHIL-110	Modern and Contemporary Philosophy (formerly Renaissance and Modern Philosophy)	3	ECON-202H	Honors Principles of Microeconomics	3
<i>Spanish</i>			<i>Ethnic Studies</i>		
SPAN-102	Elementary Spanish II	4	ETHS/PS-103	Ethnic Politics in America	3
SPAN-141	Spanish through Film (formerly SPAN-240)	3	ETHS/PS-103H	Honors Ethnic Politics in America	3
SPAN-201	Intermediate Spanish I	4	ETHS/HIST-160	Black History in American Context	3
SPAN-202	Intermediate Spanish II	4	ETHS/HIST-160H	Honors Black History in American Context	3
SPAN-203	Spanish for Native Speakers I	4	<i>Geography</i>		
SPAN-204	Spanish for Native Speakers II	4	GEOG-102	Cultural Geography	3
SPAN-251	Intermediate Spanish Conversation I	3	GEOG-107	Urban Geography	3
SPAN-252	Intermediate Spanish Conversation II	3	GEOG-108	World Regional Geography	3
<i>Theater Arts</i>			GEOG-111	Geography of California	3
THA-102/HIST-154	Theater History	3	<i>History</i>		
THA-135	Introduction to Film	3	HIST-101	Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3
THA/HIST-136	Cultural History of American Motion Pictures	3	HIST-101H	Honors Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3

Area 4 - Social and Behavioral Sciences

9 semester/12 quarter units required. Select three courses from at least two different disciplines.

Students completing **IGETC for STEM** are required to complete 6 semester units/9 quarter units. Select two course from two different disciplines. See notes below regarding **IGETC for STEM**.

Course	Title	Credits			
<i>Administration of Justice</i>					
AJ-102	Introduction to Criminal Justice	3	HIST-102	Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)	3
<i>Anthropology</i>					
ANTH-102	Cultural Anthropology	3	HIST-102H	Honors Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)	3
ANTH-102H	Honors Cultural Anthropology	3	HIST-103	World History to 1500 (formerly History of World Civilizations to 1500)	3
ANTH-104	World Prehistory	3	HIST-103H	Honors World History to 1500 (formerly Honors History of World Civilizations to 1500)	3
ANTH-104H	Honors World Prehistory	3	HIST-104	World History Since 1500	3
ANTH-105	North American Indians (formerly ANTH-103A)	3	HIST-104H	Honors World History Since 1500	3
ANTH-107	Indigenous People of Latin America (formerly ANTH-103D Latin American Cultures)	3	HIST-106	The World Since 1900	3
ANTH-115	Introduction to Archaeology	3	HIST-106H	Honors The World Since 1900	3
ANTH/HIST-121	California Indians	3	HIST-107	The History of East Asia Before 1600	3
ANTH-125	Magic, Witchcraft and Religion	3	HIST-107H	Honors the History of East Asia Before 1600	3
ANTH-125H	Honors Magic, Witchcraft and Religion	3	HIST-108	The History of East Asia Since 1600	3
<i>Biology</i>					
			HIST-108H	Honors the History of East Asia Since 1600	3
			HIST-111	U.S. History to 1877	3
			HIST-111H	Honors U.S. History to 1877	3
			HIST-112	U.S. History Since 1865	3
			HIST-112H	Honors U.S. History Since 1865	3
			HIST-115	Women in United States History	3
			HIST-115H	Honors Women in United States History	3
			HIST-117	History of India	3
			HIST-117H	Honors History of India	3
			HIST-120	California History	3

HIST-120H	Honors California History	3
HIST/ANTH-121	California Indians	3
HIST-124	Recent America: The U.S. Since 1945	3
HIST-124H	Honors Recent America: The U.S. Since 1945	3
HIST-125	Military History of the United States	3
HIST/BIOL-128	History of Science	3
HIST/BIOL-128H	Honors History of Science	3
HIST/THA-136	Cultural History of American Motion Pictures	3
HIST-140	History of Mexico	3
HIST-140H	Honors History of Mexico	3
HIST-141	History of Latin America to 1820	3
HIST-142	History of Latin America Since 1820	3
HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	3
HIST-150H	Honors Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	3
HIST/ETHS-160	Black History in the American Context	3
HIST/ETHS-160H	Honors Black History-American Context American Context	3

Physical Education

PE-126	Sport Psychology	3
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Political Science

PS-101	Introduction to American Government and Politics	3
PS-101H	Honors Introduction to American Government and Politics	3
PS-102	Comparative Politics and Government	3
PS-102H	Honors Comparative Politics and Government	3
PS/ETHS-103	Ethnic Politics in America	3
PS/ETHS-103H	Honors Ethnic Politics in America	3
PS-105	Introduction to Political Theory	3
PS-105H	Honors Introduction to Political Theory	3
PS-106	Introduction to International Relations	3
PS-106H	Honors Introduction to International Relations	3
PS-120	California Government	3
PS-120H	Honors California Government	3

Psychology

PSYC-101	Introduction to Psychology	3
PSYC-101H	Honors Introduction to Psychology	3
PSYC-102	Personal Growth	3
PSYC-103	Human Development	3
PSYC-103H	Honors Human Development	3
PSYC-104	Psychology of Gender	3
PSYC-104H	Honors Psychology of Gender	3
PSYC/SOCI-105	Social Psychology	3
PSYC/SOCI-105H	Honors Social Psychology	3
PSYC-107	Psychobiology	3
PSYC-107H	Honors Psychobiology	3

PSYC-108	Abnormal Psychology	3
PSYC-108H	Honors Abnormal Psychology	3
PSYC-124	Social Research Methodology With Lab (formerly Social Research Methodology)	4
PSYC-124H	Honors Social Research Methodology With Lab (formerly Honors Social Research Methodology)	4
<i>Sociology</i>		
SOCI-101	Principles of Sociology	3
SOCI-101H	Honors Principles of Sociology	3
SOCI-102	Contemporary Social Problems	3
SOCI-103	Marriage and the Family	3
SOCI/PSYC-105	Social Psychology	3
SOCI/PSYC-105H	Honors Social Psychology	3
SOCI-106	Intercultural Relations	3
SOCI-108	Human Sexuality	3
SOCI-110	Media and Society	3
SOCI-115	Contemporary Chicano in Society	3
SOCI-125	Crime and Society	3
<i>Theater Arts</i>		
THA/HIST-136	Cultural History of American Motion Pictures	3

Area 5 - Physical and Biological Sciences

7 semester/9 quarter units required. Select one course from 5A and one course from 5B. At least one course must contain a lab embedded in the course, signified by the [1] or choose one course from 5C that corresponds to a course in 5A or 5B.

Course	Title	Credits
5A. Physical Science		
<i>Astronomy</i>		
ASTR-101	Introduction to Astronomy ¹	4
ASTR/GEOL-111	Planetary Astronomy	3
<i>Chemistry</i>		
CHEM-100	Introduction to Chemistry ¹	4
CHEM-101	General Chemistry I ¹	5
CHEM-101H	Honors General Chemistry I ¹	5
CHEM-102	General Chemistry II ¹	5
CHEM-107	Chemistry of Life ¹	5
CHEM-112	Organic Chemistry I ¹	5
CHEM-113	Organic Chemistry II ¹	5
CHEM-113H	Honors Organic Chemistry II ¹	5
<i>Environmental Studies</i>		
ENVS-100	Humans and Scientific Inquiry	3
ENVS-100H	Honors Humans and Scientific Inquiry	3
ENVS-101	Environmental Science	3
ENVS-101H	Honors Environmental Science	3
<i>Geography</i>		
GEOG-101	Physical Geography	3
GEOG-106	Introduction to Weather and Climate	3
<i>Geology</i>		
GEOL-100	Physical Geology ¹	4
GEOL-106	Earth Science ¹	4

GEOL-103	Environmental Geology	3
GEOL-105	Historical Geology ¹	4
GEOL-109	Geology of National Parks	3
GEOL-110	Oceanography ¹	4
GEOL/ASTR-111	Planetary Astronomy	3

Physics

PHY-100	Physical Science in Modern Society (formerly Conceptual Physics)	3
PHY-101	Basic Physics: Energy and Motion ¹	4
PHY-102	Basic Electricity and Modern Physics ¹	4
PHY-201	Mechanics and Wave Motion ¹	4
PHY-202	Electricity and Magnetism ¹	4
PHY-202H	Honors Electricity and Magnetism ¹	4
PHY-203	Optics and Modern Physics ¹	4

5B. Biological Science*Anatomy & Physiology*

ANAT-101	Human Anatomy & Physiology I ¹	4
ANAT-102	Human Anatomy & Physiology II ¹	4

Anthropology

ANTH-101	Physical Anthropology	3
ANTH-101H	Honors Physical Anthropology	3

Biology

BIOL-100	Human Biology ¹	4
BIOL-100H	Honors Human Biology ¹	4
BIOL-115	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology) ¹	4
BIOL-115H	Honors Introductory Topics in Biology: Cells to Ecosystems (formerly Honors Topics in Biology) ¹	4
BIOL-117	Conservation Biology	3
BIOL-125	Microbiology ¹	4
BIOL-125H	Honors Microbiology ¹	4
BIOL-130	Marine Biology ¹	4
BIOL-131	Genes and Biotechnology in Society ¹	4
BIOL-131H	Honors Genes and Biotechnology in Society ¹	4
BIOL-134	Human Heredity and Evolution	3
BIOL-140	Ecology ¹	4
BIOL-144	Plant Biology ¹	4
BIOL-144H	Honors Plant Biology ¹	4
BIOL-146	Biodiversity	3
BIOL-150	General Biology I ¹	4
BIOL-150H	Honors General Biology I ¹	4
BIOL-151	General Biology II ¹	4
BIOL-151H	Honors General Biology II ¹	4

5C. Science Laboratory

Select one lab activity associated with a course in 5A or 5B.

Anthropology

ANTH-111	Physical Anthropology Lab (concurrent or previous enrollment in ANTH-101/ ANTH-101H required)	1
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Environmental Studies

ENVS-102	Environmental Science Laboratory (concurrent or previous enrollment in ENVS-101/101H required)	1
ENVS-102H	Honors Environmental Science Laboratory (concurrent or previous enrollment in ENVS-101/101H required)	1

Geography

GEOG-104	Physical Geography Lab (concurrent or previous enrollment in GEOG-101 required)	1
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¹ Laboratory course

Area 6 - Language Other Than English (UC Requirement only)

High school coursework equivalent to 2 years with a grade of "C-" or better in the last semester of the 2nd year.

EXCEPTION: If a grade lower than a "C-" is earned in the second year second semester, a "C-" grade or higher in a higher level language course will satisfy the requirement. (Other options apply, please see a counselor for more information).

Course	Title	Credits
<i>American Sign Language</i>		
ASL-100	American Sign Language I ²	4
<i>French</i>		
FREN-101	Elementary French I ²	4
<i>Spanish</i>		
SPAN-101	Elementary Spanish I ²	4
SPAN-101B	Introduction to Spanish 101 (Continuation) ²	3
SPAN-203	Spanish for Native Speakers I	4
SPAN-204	Spanish for Native Speakers II	4
SPAN-252	Intermediate Spanish Conversation II	3

² Courses with proficiency equivalent to 2 years of high school foreign language in the same language

U.S. History, Constitution and American Ideals. CSU Graduation Requirement Only

This is not required for IGETC, but required for CSU graduation. This CSU graduation requirement may be completed prior to transfer or taken at the CSU after transfer.

Choose one course from U.S. 1, and one course from U.S. 2 or 3.

NOTE: PS-101 Introduction to American Government and Politics will clear U.S. 2 & 3. U.S. 3 is required when the equivalent to PS-101 is taken out of state.

Course	Title	Credits
US 1		
<i>History</i>		
HIST-111	U.S. History to 1877	3
HIST-111H	Honors U.S. History to 1877	3
HIST-112	U.S. History Since 1865	3
HIST-112H	Honors U.S. History Since 1865	3
US 2		
<i>Political Science</i>		
PS-101	Introduction to American Government and Politics	3

PS-101H	Honors Introduction to American Government and Politics	3
US 3		
<i>Political Science</i>		
PS-120	California Government ³	3
PS-120H	Honors California Government ³	3

³ PS-120/ PS-120H is required when the equivalent to PS-101 if taken out of state

UC Eligibility

Students who are **NOT** eligible for admission to the UC system after high school graduation and have earned any credit from a CCC after high school, will be considered a transfer student. Therefore, must complete 60 UC transferable semester units with a minimum GPA. of 2.4. Please confirm with each UC on minimum GPA requirements.

Eligibility for UC admission also includes the 7 course pattern as noted below. Please confirm courses through the UC website.

- Students must complete two transferable college courses in English Composition:

Course	Title	Credits
ENGL-101	College Composition (formerly Freshman Composition)	4
or ENGL-101H	Honors College Composition (formerly Freshman Composition)	
ENGL-103	Critical Thinking and Writing	3
or ENGL-103H	Honors Critical Thinking and Writing	
or PHIL-112	Critical Thinking and Composition	

- One transferable college course (3 semester/4 quarter units) in mathematical concepts and quantitative reasoning (UC-M) excluding CSIS-213 Discrete Structures
- Four transferable college courses (3 semester/4 quarter units each) chosen from a least two of the following subject areas: Arts and Humanities, Social and Behavioral Sciences, or the Physical and Biological sciences (UC-H, UC-B, UC-S)
- All Math and English composition courses must be completed in the spring term preceding planned enrollment in the fall (i.e. no summer course work accepted).

Option C: 2020-2021 Intersegmental General Education Transfer Curriculum for CSU, UC, Out of State, and Private Universities

Please meet with an MSJC Counselor for all questions about transfer and IGETC. Please note all references to "CSU or UC requirements only" while following the IGETC pattern.

When to use the IGETC Pattern

Completion of all IGETC requirements with a grade of "C" (C- is not acceptable) or better will permit a student to transfer from a California Community College (CCC) to a California State University (CSU), University of California (UC), out-of-state or Private institution.

IGETC can be used toward all Associate Degrees for Transfers (ADTs) and other transfer degrees at MSJC. These degrees require a minimum of 60 semester CSU transferable units or UC semester transferable units with a

minimum overall GPA. of 2.0 and a minimum of 18 units within a specific transfer degree major (p. 87). All courses must be completed with a grade C or better or equivalent.

NOTE: Please confirm minimum CSU and UC requirements for specific majors and programs. Students can refer to ASSIST (<https://www.assist.org/>) for CSU and UC major preparation.

The IGETC pattern is **not advisable for all transfer students**. The IGETC pattern is most advantageous for transfer student who have not yet decided on a major or a campus. Once a student has identified a major, it is important to give priority toward fulfilling all required major preparation courses, particularly in "high unit" majors that select applicants on the basis of satisfaction of lower division major requirements. If a student is pursuing a major that requires extensive lower division preparation, they may be better served by taking courses which fulfill the CSU General Education requirements or the general education of the specific UC campus or college to which the student plans to transfer. The IGETC pattern is not a good option for students intending to transfer into a high unit majors or one that requires extensive lower division preparation, such as many STEM (Science Technology Engineering Mathematics) majors. Student should consult with a Counselor or an Admissions Representative at the CSU or UC campus(es) that they plan to apply to for information about whether completing the IGETC pattern is advisable.

Restrictions

A student who is initially enrolled at a UC and is returning to the **same** UC campus (after attending a community college) is considered a "readmit" student and **cannot** use IGETC. Exception: Unless it is used for MSJC degree completion. However, students who initially enroll at a UC, attend a community college and return to a **different** UC campus, may be able to use IGETC, but should verify with the campus they wish to attend. This restriction does not apply to students who have taken UC summer session or UC Extension classes only.

Courses Completed at Other Colleges

Courses completed and approved on IGETC at another CCC can be used in the IGETC Certification at MSJC. Courses will be applied on IGETC based on where they were approved from the CCC where they were taken at. If courses are denied for certification, students may petition (through a petition form at Enrollment Services (<https://www.msjc.edu/enroll/commonly-needed-forms.html>)) to use courses taken at UC, CSU, private or out-of-state schools for IGETC certification.

Courses Taken at Foreign Institutions

Foreign coursework may be applied to IGETC if the foreign institution has United States regional accreditation. All other foreign coursework cannot be applied to IGETC. Exception: Language Other Than English (LOTE).

Application For IGETC Certification

IGETC Certification is completed by the CCC that the student is transferring from. Certification of lower division IGETC requirements is met by completion of all general education areas. Students can apply for IGETC Certification through Enrollment Services (<https://www.msjc.edu/enroll/commonly-needed-forms.html>).

IGETC for STEM (Partial IGETC Certification)

IGETC for STEM is only allowed for an approved STEM Associate Degree for Transfer (ADT) Degree. Students must confirm the UC major, program or college that they are applying to accepts **partial IGETC certification**. Although IGETC for STEM is an option, student should prioritize completing major-preparation courses for the specific campuses and programs they are considering.

- **IGETC for STEM (31 units): Only permitted for an approved Associate Degree for Transfer (ADT Degree).** The IGETC for STEM can **only** be applied to the **Biology, Chemistry and Environmental Science ADT Degrees**. Students are to complete 6 semester units/9 quarter units from AREA 3 by selecting one course from 3A and one course from 3B. Students are also to complete 6 semester units/9 quarter units from AREA 4 by selecting two courses from two different disciplines.

AP Scores

AP scores of 3, 4, or 5 can be used to satisfy any IGETC subject area where acceptable. Please refer to the MSJC AP Chart (p. 39) to confirm how exams can be applied.

IB Scores

A score of 5, 6 or 7 on Higher Level exams are required to receive credit for IGETC certification. Please verify the acceptable IB (p. 43) score for IGETC certification. Students who have earned credit from an IB exam should not take a comparable college course, as transfer credit cannot be granted for both.

Double Counting

Double counting within IGETC is not allowed. Although a course may be listed in more than one subject area, a single course may be used just once. Only C grades or better will be accepted, and credit/no credit courses are acceptable unless the college catalog defines credit as equivalent of a letter grade of C (2.0) or better.

Proficiency in a Language Other Than English (LOTE)

Students can certify LOTE with high school transcripts that indicate completion of course work equivalent to two years or second level foreign language of the same foreign language. A grade of C- or better in high school is required in the second semester of the second level. Students can also meet this requirement by completion of a higher level foreign language course with a grade C- or better in the second semester.

Students can also apply AP Language Exams towards LOTE with a score of 3, 4, or 5.

Every effort is made to keep this information current. Transfer and articulation are ongoing processes and courses are subject to changes on this pattern. Please use this information as a guideline and consult with a university representative or a MSJC Counselor for questions. Student are encouraged to visit <http://www.assist.org> (<http://www.assist.org/>) for the current CSU and UC major preparation requirements for transfer and approved general education courses for MSJC. Students are encouraged to meet with a Counselor to develop a comprehensive educational plan.

Transfer

Transferable Courses

MSJC offers courses that are transferable to the California State Universities (CSU), University of California (UC), Out-of-State, and Private schools. MSJC has many transfer agreements with both CSU and UC systems which make it easier for students to transfer, however individual campuses determine transfer status of courses. Students considering transferring are encouraged to meet with a Counselor to determine which transfer courses are required for major and educational goal. Student's may transfer up to 70 transferable units from a community college to CSUs and UCs. It is advised that students transfer with at least 60 transferable units to ensure that they are admitted to the four-year institution with junior or upper division status. Most CSU's and all UC's require junior standing at time of transfer.

To verify transfer requirements: look into the college catalog of the transfer institution, contact college admissions representatives, and use the ASSIST (<http://www.assist.org/>) website as a tool to verify transfer major preparation for CSUs and UCs.

Transfer General Education

Option B: Also referred to as CSUGE is required for students interested in transferring to CSU's. Students following this pattern must satisfy all General Education, AREAS A-F by successfully completing a course in that AREA or meeting the general education competency through external exams. A minimum of 2.0 ("C" average) or higher-Grade Point Average (GPA) is required, please check university catalogs for GPA requirements. AREAS "A1, A2, A3" and "B4" (CSU Golden Four) require a minimum of "C" grade and must be completed prior to applying to the CSU. If a student completed a Golden Four course at a CSU where a C- grade is acceptable to certify a Golden Four area, MSJC **will** honor the C- grade if taken at a CSU, per CSU EO 1100 (<https://calstate.policystat.com/policy/8919100/latest/>). Title 5 stipulates that California Community Colleges (CCC) can use plus and minus grading, except that the C- may not be awarded by a CCC but will be accepted if taken at a CSU. In addition to completing Option B, students are also required to complete major requirements for their program of student to work towards an Associates Degree. In order to successfully meet the requirements for an Associates Degree for transfer, students must complete at least 60 transferable semester units with a minimum overall GPA of 2.0. Some private schools accept MSJC's Option B as meeting their admission and general education requirements, please meet with a Counselor to verify. Total units of CSUGE is 39 units.

Option C: Also referred to as IGETC (Intersegmental General Education Transfer Curriculum) is required for students interested in transferring to CSU's, UC's, Out-of-State, and Private schools. Students following this pattern must satisfy all General Education, AREAS 1-6 by successfully completing a course in that AREA or meeting the general education competency through external exams. Students must complete ALL AREAS of IGETC with a grade 'C' or better in order to meet admission requirements for UC. In addition to completing Option C, students are also required to complete major requirements for their program of student to work towards an Associates Degree. In order to successfully meet the requirements for an Associates Degree for transfer, students must complete at least 60 transferable semester units with a minimum overall GPA of 2.4. Total units of IGETC is 37 units.

CSU and IGETC Certification of Achievement

CSU (California State University) General Education certification and IGETC (Intersegmental General Education Transfer

Curriculum) certification verifies that a student has completed all lower division general education requirements for the CSU or UC. CSU Certification is for CSU only while IGETC can be used for both CSU and UC transfer. Students will receive a certificate of achievement from MSJC, and certification is reported on official transcripts.

Do I need Certification?

Only a few out of state and private schools require general education certification. Check with the institution to see if CSU or IGETC certification is required. A certified CSU or IGETC transcript is the last transcript you will request from MSJC prior to transfer. Before submitting a request for general education certification, you should consult with a Counselor to verify that you have completed all the requirements. Visit enrollment services for information on how to request certification.

Transfer Center Services

Articulation Agreements

Transfer Center Coordinator/Counselor and Technicians are available to help students with articulation agreements. CSU and UC agreements can be found on ASSIST (<http://www.assist.org/>). In addition, MSJC has articulation agreements with many private universities within California and selected private and public colleges and universities nationwide. These agreements can be found on the MSJC Transfer Center Website. (<https://www.msjc.edu/transfercenter/>)

Outreach and Advising Services with Transfer Institutions

Representatives from a variety of CSU's, UC's and private universities visit the Transfer Center on a regular basis each semester. On occasion out-of-state universities also arrange for visits. Students have the opportunity to meet with these representatives and are encouraged to stop by the Transfer Center to schedule an appointment.

Transfer Admissions Guarantee (TAG) Programs

MSJC has Transfer Admission Guarantee (TAG) agreements with UC Davis, UC Irvine, UC Merced, UC Riverside, UC Santa Barbara, and UC Santa Cruz. While criteria vary for each campus, this is a great opportunity for MSJC students to ensure transfer to the one of these universities.

UCLA TAP Program

The UCLA Transfer Alliance Program (TAP) gives Honors students the opportunity to enhance their ability to transfer to UCLA at the junior level from MSJC. Students are certified after completing the honors enrichment program at MSJC and given Priority consideration for admission to UCLA. This program is administered collaboratively by the Honors Program and Honors Counselors.

Annual College Fair

The Transfer Center hosts annual College Fairs, where representatives from various CSU campuses, UC campuses, and private universities, both in-state and out-of-state, will be available to answer questions about admissions requirements, majors, housing, financial aid, etc.

Transfer Workshops

The Transfer Center sponsors a variety of workshops to assist students with useful transfer information. Common topics include: learning transfer basics, exploring TAG agreements, attending a private university, writing a personal statement, and applying online to CSU/UC campuses.

Western Undergraduate Exchange (WUE): California students have enrolled in undergraduate programs beyond California's borders through the Western Undergraduate Exchange (WUE) since 1997. Please

visit the website for more information regarding programs. Western Undergraduate Exchange

CAUTION: The final responsibility for a successful transfer program rests with the student. This information changes frequently and can impact student's admission to the university. It is highly advised that students meet every semester with a Counselors AND Transfer Center Technicians to confirm student's choice of classes and educational planning.

Understanding Program Planning Using Program Maps

As part of SUCCESS! Pathways, MSJC has introduced Program Maps. These maps are a clear semester-by-semester sequence of the courses needed to complete a major program of study. Each map identifies the courses that must be completed by a certain semester in order to progress through the program and graduate on time. Program maps are located in each instructional program area of the catalog and as downloadable PDF files (https://www.msjc.edu/pathways/program_maps.html) on the MSJC website.

Program Maps were developed by program experts (Counselors and discipline faculty) to give you the skills and knowledge you need to succeed. The maps encourage students to take at least 15 credits each semester but can easily be adapted for part-time students. Program Maps give students the tools they need to clearly understand what classes they need to take and to help them define their individual pathways. In the catalog, the maps also offer a "Career and Transfer Outlook" section for each degree program, as well as other helpful notes and information.

Prerequisite

A prerequisite is a condition of enrollment that a student is required to meet in order to demonstrate preparation or readiness for enrollment in a course or program. Prerequisites can be a course or qualification that a student must meet. It is the student's responsibility to comply with prerequisites of all courses for which they enroll. Course prerequisites are listed in this catalog in the course descriptions.

If a prerequisite is listed for a course, it means that the discipline faculty and department via the curriculum process have determined that students who lack the prerequisite are highly unlikely to succeed in the course. Therefore, the student must meet the prerequisite listed before enrolling in the course.

Students who have satisfied prerequisites at another institution or with external prior credit can request a Prerequisite Evaluation (https://msjc.edu/enroll/documents/Prerequisite_Evaluation.pdf) to be eligible for registration into a course. It is important that students meet with a Counselor to clear prerequisites when developing their educational plan.

A Request for Evaluation (https://msjc.edu/enroll/documents/Evaluation_of_Transcripts.pdf) and official transcripts must be submitted to Enrollment Services to apply transfer credit toward program graduation requirements.

Corequisite

A corequisite is a course that a student must take at the same time as another course. If a corequisite is listed for a course, it means that the discipline faculty and department through the curriculum process have determined that students who do not take the corequisite course

are highly unlikely to succeed in the course. Therefore, the student must take the corequisite course in the same term. Some courses may have a prerequisite/corequisite in which the student can have met the corequisite prior to enrollment or take the corequisite in the same term.

Limitations on Enrollment

Limitations on enrollment are other restrictions that prevent a student from enrolling in a course for reasons other than not satisfying the prerequisite. This is an audition or try-out requirement associated with public performance or intercollegiate competition, honors courses, or blocks of courses intended for a cohort or group of students.

Students must identify the skills and knowledge required prior to enrolling in specific courses. These courses include prerequisites, corequisites, and other limitations on enrollment to ensure a student's preparedness for a particular courses of study.

Students who are conditionally enrolled in a course are dropped from the course if they do not successfully satisfy the prerequisite or corequisite requirement(s) needed in preparation for a course. Students can Challenge a Prerequisite if they believe they have sufficient justification to be successful in a course without meeting requisite requirements.

Challenging Prerequisites

MSJC has established prerequisites and corequisites to ensure that students have the skill level necessary to succeed in a course. Before your online registration date, please check to see if your class has a prerequisite. Prerequisites must be cleared prior to enrollment. Plan ahead and take care of this as early as possible to avoid waiting in a long lines and possible delays to your enrollment in important classes.

Under very limited circumstances, a student may challenge either the legality of a prerequisite or the way in which the college has administered the prerequisites in their case. Forms are available through Enrollment Services. The grounds for challenge are limited to the following:

- If you believe you have the knowledge or ability to succeed in the course without completing the prerequisite.
- If you believe that the prerequisite has been established in violation of Title 5 regulations or the MSJC District Policy.
- If you believe that the prerequisite is discriminatory or is being applied in a discriminatory manner.
- If you believe that the prerequisite course has not been made reasonably available.

Challenging Procedures

1. Complete the MSJC Prerequisite/Corequisite Challenge Form found through Enrollment Services.
2. Provide all required documentation as noted below. **Incomplete petitions will not be considered.**
 - a. Student statement/letter. Provide a letter that explains the reason(s) you are challenging the prerequisite or co-requisite and explicitly states the skills and abilities you have that meet the prerequisite/co-requisite requirement.
 - b. Supporting documentation. Appropriate documentation should include any of the following: college transcripts as evidence of successful course completion, catalog course description, course outline and/or course syllabus, documentation of professional work experience, relevant high school transcripts, letters of recommendation from employers or instructors, samples of

graded papers, professional licenses or certificates, a portfolio or a demonstration of prerequisite skill.

appropriate faculty members and may take up to 5 working days (holidays and weekends excluded) to process, so please plan ahead.

3. Submit your Prerequisite/Corequisite Challenge Form, along with appropriate documentation online. Challenges are reviewed by the

Course Identification Numbering System (C-ID)

The Course Identification Numbering System (C-ID) is a statewide numbering system independent from the course numbers assigned by local California Community Colleges. A C-ID number next to a course signals that participating CCCs and universities have determined that courses offered by other CCCs are comparable in content and scope to courses offered on their own campuses, regardless of their unique titles or local course number. Students may consult the ASSIST (<https://assist.org/>) for specific information on major preparation course that align to specific C-ID course designations. Students can confirm how each college's course will be accepted at a particular four-year college or university for transfer credit.

The C-ID numbering system is useful for students attending more than one CCC to reference comparable transferable courses. Because these course requirements may change and courses may be modified and qualified for or deleted from the C-ID database, students should always check with a Counselor to determine how C-ID designated courses fit into their educational plans for transfer. All courses that have been approved for C-ID designation at MSJC include the C-ID number within the course description as listed on the C-ID chart.

More information can be found on the C-ID Website (<https://c-id.net/>).

MSJC to C-ID Chart

MSJC Course Number	MT. San Jacinto College Courses	C-ID Numbering
ACCT-124	Financial Accounting - Principles of Accounting I	ACCT-110
ACCT-124H	Honors Financial Accounting - Principles of Accounting I	ACCT-110
ACCT-125	Managerial Accounting - Principles of Accounting II	ACCT-120
ACCT-125H	Honors Managerial Accounting - Principles of Accounting II	ACCT-120
AJ-101	Criminal Law	AJ-120
AJ-102	Introduction to Criminal Justice	AJ-110
AJ-102H	Honors Introduction to Criminal Justice	AJ-110
AJ-103	Criminal Evidence	AJ-124
AJ-106	Juvenile Procedures	AJ-220
AJ-108	Criminal Investigation	AJ-140
AJ-111	Criminal Procedures	AJ-122
AJ-118	Community and the Justice System	AJ-160
ANAT-101 + ANAT-102	Human Anatomy & Physiology I + Human Anatomy & Physiology II	BIOL-115S
ANTH-101	Physical Anthropology	ANTH-110
ANTH-101H	Honors Physical Anthropology	ANTH-110
ANTH-102	Cultural Anthropology	ANTH-120
ANTH-102H	Honors Cultural Anthropology	ANTH-120
ANTH-111	Physical Anthropology Lab	ANTH-115L
ANTH-115	Introduction to Archaeology	ANTH-150
ANTH-145	Introduction to Linguistic Anthropology	ANTH-130
ART-100	Art Appreciation	ARTH-100
ART-101	Art History: Prehistoric Through Medieval Art	ARTH-110
ART-103	Introduction to Modernism	ARTH-150
ART-103H	Honors Introduction to Modernism	ARTH-150
ART-108	Beginning Drawing	ARTS-110
ART-109	Intermediate Drawing	ARTS-205
ART-112	Life Drawing	ARTS-200
ART-115	Painting I	ARTS-210
ART-120	2D Design	ARTS-100
ART-121	Color Theory	ARTS-270
ART-122	3D Design	ARTS-101

ART-131	Introduction to Digital Art	ARTS-250
BADM-103	Introduction to Business	BUS-110
BADM-103H	Honors Introduction to Business	BUS-110
BADM-201	Legal Environment of Business	BUS-120
BIOL-150	General Biology I	BIOL-190
BIOL-150H	Honors General Biology I	BIOL-190
BIOL-150 + BIOL-151	General Biology I + General Biology II	BIOL-135S
BIOL-150H + BIOL-151H	Honors General Biology I + Honors General Biology II	BIOL-135S
CDE-101	Principles of Early Childhood Education	ECE-120
CDE-103	Appropriate Curricula for Young Children	ECE-130
CDE-110	Child Development	CDEV-100
CDE-110H	Honors Child Development	CDEV-100
CDE-111	Child Health, Safety and Nutrition	ECE-220
CDE-118	Diversity and Equity in Early Childhood	ECE-230
CDE-125	Child, Family and Community	CDEV-110
CDE-125H	Honors Child, Family and Community	CDEV-110
CDE-131/LIT-131	Children's Literature	ENGL-180
CDE-131H/ LIT-131H	Honors Children's Literature	ENGL-180
CDE-147	Observation and Assessment in Early Childhood Education	ECE-200
CDE-148	Supervised Field Experience: Student Teaching	ECE-210
CHEM-100	Introduction to Chemistry	CHEM-101
CHEM-101	General Chemistry I	CHEM-110
CHEM-101H	Honors General Chemistry I	CHEM-110
CHEM-112	Organic Chemistry I	CHEM-150
CHEM-112 + CHEM-113	Organic Chemistry I + Organic Chemistry II	CHEM-160S
COMM-100	Public Speaking	COMM-110
COMM-100H	Honors Public Speaking	COMM-110
COMM-103	Interpersonal Communication	COMM-130
COMM-103H	Honors Interpersonal Communication	COMM-130
COMM-104	Advocacy and Argument	COMM-120
COMM-104H	Honors Advocacy and Argument	COMM-120
COMM-106	Small Group Communication	COMM-140
COMM-108	Intercultural Communication	COMM-150
COMM-108H	Honors Intercultural Communication	COMM-150
COMM-110	Communications Media Survey	JOUR-100
COMM-113/THA-113	Oral Interpretation of Literature	COMM-170
COMM-115	Persuasion	COMM-190
COMM-120	Survey of Communication Studies	COMM-180
COMM-160	Debate and Forensics Activities	COMM-160B
CORR-101	Introduction to Correctional Science	AJ-200
CSIS-101	Introduction to Computers and Data Processing	ITIS-120
CSIS-111B	Fundamentals of Computer Programming	ITIS-130
CSIS-113A	C++ Programming - Level 1	COMP-122
CSIS-113B	Java Programming - Level 1	COMP-122
CSIS-118B	Computer Organization & Assembly Language	COMP-142
CSIS-211	Introduction to Data Structures and Algorithms	COMP-132
CSIS-213	Discrete Structures	COMP-152
ECON-201	Principles of Macroeconomics	ECON-202
ECON-201H	Honors Principles of Macroeconomics	ECON-202
ECON-202	Principles of Microeconomics	ECON-201
ECON-202H	Honors Principles of Microeconomics	ECON-201
ED-138	Introduction to Elementary Classroom Teaching and Fieldwork	EDUC-200

ENGL-101	College Composition	ENGL-100
ENGL-101H	Honors College Composition	ENGL-100
ENGL-103	Critical Thinking and Writing	ENGL-110
ENGL-103	Critical Thinking and Writing	ENGL-105
ENGL-103H	Honors Critical Thinking and Writing	ENGL-105
ENGL-130	Introduction to Creative Writing	ENGL-200
ENGL-130H	Honors Introduction to Creative Writing	ENGL-200
GEOG-101	Physical Geography	GEOG-110
GEOG-102	Cultural Geography	GEOG-120
GEOG-103	Field Studies in Geography	GEOG-160
GEOG-104	Physical Geography Lab	GEOG-111
GEOG-105	Map Interpretation and Spatial Analysis	GEOG-150
GEOG-106	Introduction to Weather and Climate	GEOG-130
GEOG-108	World Regional Geography	GEOG-125
GEOG-111	Geography of California	GEOG-140
GEOG-115	Introduction to Geographic Information Science	GEOG-155
GEOL-100	Physical Geology	GEOL-101
GEOL-105	Historical Geology	GEOL-111
GEOL-106	Earth Science	GEOL-121
HIST-101	Western Civilization to 1500	HIST-170
HIST-102	Western Civilization since 1500	HIST-180
HIST-103	World History to 1500	HIST-150
HIST-103H	Honors World History to 1500	HIST-150
HIST-104	World History Since 1500	HIST-160
HIST-104H	Honors World History Since 1500	HIST-160
HIST-111	U.S. History to 1877	HIST-130
HIST-111H	Honors U.S. History to 1877	HIST-130
HIST-112	U. S. History Since 1865	HIST-140
HIST-112H	Honors U.S. History Since 1865	HIST-140
HIST-150	Immigration, Race and Ethnicity in U.S. History	SOCI-150
HIST-150H	Honors Immigration, Race and Ethnicity in U.S. History	SOCI-150
HS-120	Introduction to Public Health	PHS-101
HS-123	Drugs, Health and Society	PHS-103
LIT-106	Introduction to Literature	ENGL-120
LIT-106H	Honors Introduction to Literature	ENGL-120
LIT-131/CDE-131	Children's Literature	ENGL-180
LIT-131H/CDE-131H	Honors Children's Literature	ENGL-180
LIT-207	American Literature: PreColonial to 1865	ENGL-130
LIT-207H	Honors American Literature: Pre-Colonial to 1865	ENGL-130
LIT-208	American Literature: 1865 to Present	ENGL-135
LIT-208H	Honors American Literature: 1865 to Present	ENGL-135
LIT-230	English Literature: Anglo Saxon to 1775	ENGL-160
LIT-230H	Honors English Literature: Anglo Saxon to 1775	ENGL-160
LIT-231	English Literature: 1775 to Present	ENGL-165
LIT-231H	Honors English Literature: 1775 to Present	ENGL-165
MATH-105	College Algebra	MATH-151
MATH-135	Calculus for Social Science and Business	MATH-140
MATH-140	Introduction to Statistics	MATH-110
MATH-211	Analytic Geometry and Calculus I	MATH-211
MATH-212	Analytic Geometry and Calculus II	MATH-221
MATH-212H	Calculus II	MATH-221

MATH-211 + MATH-212 or MATH-212H	Analytic Geometry and Calculus I + Analytic Geometry and Calculus II or Honors Analytic Geometry and Calculus II	MATH-900S
MATH-213	Analytic Geometry and Calculus III	MATH-230
MATH-213H	Honors Analytic Geometry and Calculus III	MATH-230
MATH-215	Differential Equations	MATH-240
MUS-100	Introduction and Appreciation of Music	MUS-100
MUS-100H	Honors Introduction and Appreciation of Music	MUS-100
MUS-101	Music Fundamentals	MUS-110
MUS-103	Music Theory I	MUS-120
MUS-104	Music Theory II	MUS-130
MUS-111	Beginning Piano	MUS-170
MUS-112	Intermediate Piano	MUS-171
MUS-118	Applied Music: Instrumental	MUS-160
MUS-151	Applied Music: Voice	MUS-160
MUS-175	Musicianship I	MUS-125
MUS-176	Musicianship II	MUS-135
MUS-201	Orchestra	MUS-180
MUS-203	Concert Band	MUS-180
MUS-205	College Singers	MUS-180
MUS-206	Chamber Choir	MUS-180
MUS-210	Jazz Ensemble I	MUS-180
MUS-211	Jazz Ensemble II	MUS-180
MUS-212	Instrumental Chamber Music	MUS-180
MUS-253	Music Theory III	MUS-140
MUS-254	Music Theory IV	MUS-150
MUS-277	Musicianship III	MUS-145
MUS-278	Musicianship IV	MUS-155
NUTR-101	Introduction to Nutrition Science	NUTR-110
PE-195	Introduction to Kinesiology	KIN-100
PHIL-101	Introduction to Philosophy I	PHIL-100
PHIL-101H	Honors Introduction to Philosophy I	PHIL-100
PHIL-103	Logic	PHIL-110
PHIL-105	Introduction to Ethics	PHIL-120
PHIL-109	Ancient and Medieval Philosophy	PHIL-130
PHIL-110	Renaissance and Modern Philosophy	PHIL-140
PHY-101	Basic Physics: Energy and Motion	PHYS-105
PHY-102	Basic Electricity and Modern Physics	PHYS-110
PHY-201	Mechanics and Wave Motion	PHYS-205
PHY-202	Electricity and Magnetism	PHYS-210
PHY-202H	Honors Electricity and Magnetism	PHYS-210
PHY-203	Optics and Modern Physics	PHYS-215
PS-101	Introduction to American Government and Politics	POLS-110
PS-101H	Honors Introduction to American Government and Politics	POLS-110
PS-102	Comparative Politics and Government	POLS-130
PS-102H	Honors Comparative Politics and Government	POLS-130
PS-105	Introduction to Political Theory	POLS-120
PS-105H	Honors Introduction to Political Theory	POLS-120
PS-106	Introduction to International Relations	POLS-140
PS-106H	Honors Introduction to International Relations	POLS-140
PSYC-101	Introduction to Psychology	PSY-110
PSYC-101H	Honors Introduction to Psychology	PSY-110
PSYC-103	Human Development	PSY-180

PSYC-103H	Honors Human Development	PSY-180
PSYC-105/SOCI-105	Social Psychology	PSY-170
PSYC-105H/SOCI-105H	Honors Social Psychology	PSY-170
PSYC-107	Psychobiology	PSY-150
PSYC-107H	Honors Psychobiology	PSY-150
PSYC-121/SOCI-121	Statistics for Behavioral Sciences	SOCI-125
PSYC-124	Social Research Methodology with Lab	PSY-205B
PSYC-124H	Honors Social Research Methodology with Lab	PSY-205B
SJS-101	Introduction to Social Justice Studies	SJS-110
SJS-101H	Honors Introduction to Social Justice Studies	SJS-110
SOCI-101	Principles of Sociology	SOCI-110
SOCI-101H	Honors Principles of Sociology	SOCI-110
SOCI-102	Contemporary Social Problems	SOCI-115
SOCI-103	Marriage and the Family	SOCI-130
SOCI-105/PSYC-105	Social Psychology	PSY-170
SOCI-105H/PSYC-105H	Honors Social Psychology	PSY-170
SOCI-108	Human Sexuality	PSY-130
SOCI-112	Gender and Social Interaction	SOCI-140
SOCI-121/PSYC-121	Statistics for Behavioral Sciences	SOCI-125
SOCI-125	Crime and Society	SOCI-160
SPAN-101	Elementary Spanish I	SPAN-100
SPAN-102	Elementary Spanish II	SPAN-110
SPAN-201	Intermediate Spanish I	SPAN-200
SPAN-202	Intermediate Spanish II	SPAN-210
SPAN-203	Spanish for Native Speakers I	SPAN-220
SPAN-204	Spanish for Native Speakers II	SPAN-230
THA-101	Introduction to Theater	THTR-111
THA-101H	Honors Introduction to Theater	THTR-111
THA-102	Theater History	THTR-113
THA-110	Fundamentals of Acting	THTR-151
THA-111	Intermediate Acting	THTR-152
THA-113/COMM-113	Oral Interpretation of Literature	COMM-170
THA-117	Stagecraft	THTR-171
THA-120	Lighting	THTR-173
THA-121	Costume Construction	THTR-174
THA-122	Stage Makeup	THTR-175
THA-201	Rehearsal and Performance	THTR-191

PATHWAYS

Programs are arranged into Pathways, which are designed to help identify your interests and create a path to a career and academic degree, certificate, concentration, or skill set. The video below provides a snapshot of each Pathway. Scroll down to explore the Pathways further.

View on YouTube (<https://www.youtube.com/watch?v=nLfgfv1aI>)

Prepare for your future by

- exploring programs by career salary, job openings, and growth (<https://msjc.emsicc.com/?radius=®ion=All%20Regions>);
- viewing program maps (https://www.msjc.edu/pathways/program_maps.html) showing a semester-by-semester path from program start to completion and;
- increasing your knowledge of a program by viewing program descriptions, video snapshots, and learning outcomes.

Start by exploring the **Pathways** below:

- Arts, Communication & Design (p. 119)
- Business, Technology & Entrepreneurship (p. 119)
- Health & Wellness (p. 120)
- People, Culture & Public Service (p. 120)
- Science, Math & Engineering (p. 121)

Would you rather explore areas of interest first? Check out the careers and salaries (<https://msjc.emsicc.com>) for all programs.

Arts, Communication & Design

View on YouTube (<https://www.youtube.com/watch?v=O8-Kj-im8o8>)

Are you creative, expressive, independent, innovative, intuitive, or cultural creative? Do you like self-expression, creative insights, expressing individuality, writing, and working with ideas? Do you like to apply different communication techniques based on the audience (business, entertainment, community)?

Do you enjoy the expression of ideas to others through language? Do you enjoy being creative in performing arts, visual arts, digital arts, music, being creative and imaginative? Do you want to learn how to take abstract concepts and portray them in original ways?

- Check out Arts, Communication, and Design programs (<https://www.msjc.edu/pathways/acd.html>),
- Discover careers (<https://msjc.emsicc.com/>), **and**
- **Explore program maps.**

Programs

Programs of Study to consider:

- Art History, A.A.-T (p. 147)
- Art, A.A. (p. 152)
- Audio Technology Certificate (p. 161)
- Audio Technology, A.A. (p. 160)
- Communication Studies, A.A.-T (p. 189)
- Communication, Teamwork and Leadership Employment Concentration (p. 192)

- Dance Certificate (p. 213)
- Dance, A.A. (p. 212)
- Dance, A.A. (Transfer) (p. 209)
- Digital Media Certificate (p. 220)
- Digital Media Design Employment Concentration (p. 221)
- Digital Media, A.S. (p. 218)
- English, A.A.-T (p. 232)
- Film, Television and Electronic Media, A.S.-T (p. 158)
- Graphic Design Employment Concentration (p. 153)
- Interpreter Preparation Certificate (p. 156)
- Interpreter Preparation, A.S. (p. 155)
- Journalism, A.A.-T (p. 261)
- Music, A.A.-T (p. 297)
- Philosophy, A.A.-T (p. 309)
- Photography Certificate (p. 313)
- Photography, A.S. (p. 312)
- Social Media Specialist Employment Concentration (p. 222)
- Social/Behavioral Science, A.A. (p. 338)
- Spanish, A.A.-T (p. 366)
- Studio Arts, A.A.-T (p. 149)
- Technical Theater Certificate (p. 358)
- Technical Theater, A.S. (p. 357)
- Theatre Arts, A.A.-T (p. 356)
- Video Production Employment Concentration (p. 223)
- Visual Design, A.A. (p. 151)
- Visual Effects Employment Concentration (p. 223)

Business, Technology & Entrepreneurship

View on YouTube (<https://www.youtube.com/watch?v=sWZ7j6S63yo>)

Are you confident, ambitious, organized, and logical? Do you like to problem solve, lead, plan, innovate, and organize? Do you enjoy public speaking, leading, persuading? Do you enjoy working independently and creating resources for your community? Do you enjoy using innovative technology?

- Check out Business, Technology & Entrepreneurship programs (<https://www.msjc.edu/pathways/bte.html>),
- Discover careers (<https://msjc.emsicc.com/>), **and**
- **Explore program maps.**

Programs

Programs of Study to consider:

- Accounting Certificate (p. 177)
- Automotive Technology, A.S. (p. 164)
- Automotive/Transportation Technology Certificate (p. 163)
- Aviation Science, A.S. (p. 167)
- Business Administration Certificate (p. 178)
- Business Administration, A.S. (p. 176)
- Business Administration, A.S.-T (p. 173)
- Business Information Analysis Employment Concentration (p. 181)
- Business, Clerical Certificate (p. 184)

- Certified Flight Instructor Certificate (p. 168)
- Commercial Pilot Certificate (p. 169)
- Culinary Arts & Hospitality Certificate (p. 207)
- Economics, A.A.-T (p. 225)
- Engine Performance Technician Employment Concentration (p. 165)
- General Certification Technician Employment Concentration (p. 165)
- General Technician Employment Concentration (p. 166)
- Golf and Grounds Concentration Employment Concentration (p. 257)
- Infant Toddler Teacher Low-Unit Certificate (p. 352)
- Irrigation Technician Concentration Employment Concentration (p. 257)
- Landscaping Operation Concentration Employment Concentration (p. 258)
- Legal Studies Certificate (p. 277)
- Legal Studies, A.S. (p. 276)
- Management/Supervision Certificate (p. 287)
- Management/Supervision, A.S. (p. 286)
- Microsoft Applications Concentration Employment Concentration (p. 185)
- Office Administration, A.S. (p. 182)
- Project Management Concentration Employment Concentration (p. 181)
- Real Estate Certificate (p. 330)
- Real Estate, A.S. (p. 329)
- Small Business/Entrepreneurship Certificate (p. 179)
- Viticulture, Enology and Winery Technology Employment Concentration (p. 365)
- Water Technology Certificate (p. 363)
- Water Technology, A.S. (p. 360)
- Wine Hospitality and Salesmanship Employment Concentration (p. 365)

Health & Wellness

View on YouTube (<https://www.youtube.com/watch?v=WWVdQfTallE>)

Are you practical, realistic, caring, cooperative, helpful, and empathetic or responsible? Do you like to problem solve and support the wellbeing of others? Do you enjoy working with people? Do you want to learn how to promote health and serve the community?

- Check out Health & Wellness programs (<https://www.msjc.edu/pathways/hw.html>),
- Discover careers (<https://msjc.emsicc.com/>), **and**
- **Explore program maps.**

Programs

Programs of Study to consider:

- Diagnostic Medical Sonography, A.S. (p. 216)
- Kinesiology, A.A.-T (p. 264)
- Medical Assisting Administrative and Clinical, A.S. (p. 292)
- Medical Assisting Administrative Certificate (p. 293)

- Medical Assisting Clinical Certificate (p. 294)
- Medical Assisting Preparation Employment Concentration (p. 295)
- Nursing, A.S. (p. 303)
- Nutrition and Dietetics, A.S.-T (p. 307)
- Physical Education, A.A. (p. 266)
- Public Health Science, A.S.-T (p. 325)

People, Culture & Public Service

View on YouTube (<https://www.youtube.com/watch?v=25iTTefgsBQ>)

Are empathetic, insightful, inquisitive, or an intellectual? Do you like to problem solve and help with the wellbeing of others while making connections between individuals or groups? Do you enjoy working with people and data? Do you want to invest in your community? Do you want to learn how to analyze information about people and the ways they live and behave?

- Check out People, Culture, & Society programs (<https://www.msjc.edu/pathways/pcps.html>),
- Discover careers (<https://msjc.emsicc.com/>), **and**
- **Explore program maps.**

Programs

Programs of Study to consider:

- Administration of Justice Certificate (p. 136)
- Administration of Justice, A.S. (p. 135)
- Administration of Justice, A.S.-T (p. 134)
- American Indian Studies, A.A. (p. 141)
- Anthropology, A.A.-T (p. 143)
- Associate Teacher Low-Unit Certificate (p. 350)
- Child and Adolescent Development, A.A.-T (p. 344)
- Computer Forensics Employment Concentration (p. 137)
- Corrections Employment Concentration (p. 138)
- Early Childhood Education, A.S.-T (p. 346)
- Early Intervention and Inclusion Certificate (p. 351)
- Early Intervention and Inclusion, A.S. (p. 349)
- Elementary Teacher Education, A.A.-T (p. 347)
- Fire Academy Preparation Employment Concentration (p. 242)
- Fire Technology Certificate (p. 241)
- Fire Technology, A.S. (p. 240)
- History, A.A.-T (p. 252)
- Law, Public Policy and Society, A.A.-T (p. 270)
- Leadership Development Employment Concentration (p. 274)
- Liberal Arts: Social & Behavioral Sciences, A.A. (p. 282)
- Political Science, A.A.-T (p. 317)
- Private Security and Loss Prevention Employment Concentration (p. 138)
- Psychology, A.A.-T (p. 321)
- Social Justice Studies: General, A.A.-T (p. 335)
- Sociology, A.A.-T (p. 340)
- Teacher Certificate (p. 353)

Science, Math & Engineering

View on YouTube (<https://www.youtube.com/watch?v=qqQOF5U8ndM>)

Are you curious, analytical, precise, rational, or innovative? Do you like to problem solve and work with data & ideas? Are you interested in research, analysis, or scientific investigation? Do you want to learn how to collect, analyze and apply data to answer questions and create solutions?

- Check out Science, Math & Engineering programs (<https://www.msjc.edu/pathways/sme.html>),
- Discover careers (<https://msjc.emsicc.com/>), **and**
- **Explore program maps.**

Programs

Programs of Study to consider:

- Biology, A.S.-T (p. 171)
- Chemistry, A.S.-T (p. 186)
- Computer Forensics Employment Concentration (p. 204)
- Computer Hardware Specialist Certification (p. 204)
- Computer Information Systems, A.S. (p. 197)
- Computer Science A.S.-T (p. 194)
- Cybersecurity Employment Concentration (p. 205)
- Engineering Technologist Support Certificate (p. 229)
- Engineering: Drafting Technology Certificate (p. 230)
- Engineering: Drafting Technology, A.S. (p. 228)
- Environmental Science, A.S.-T (p. 237)
- Geographic Information Science Employment Concentration (p. 247)
- Geographic Information Science, A.S. (p. 244)
- Geography, A.A.-T (p. 248)
- Geology, A.S.-T (p. 250)
- Internet Authoring Apprenticeship Employment Concentration (p. 206)
- Internet Authoring, Certificate (p. 200)
- Liberal Arts: Mathematics & Science, A.A. (p. 279)
- Mathematics, A.S.-T (p. 289)
- Networking Certificate (p. 201)
- Physics, A.S.-T (p. 315)
- Programming Certificate (p. 202)
- Surveying Employment Concentration (p. 231)

COOPERATIVE WORK EXPERIENCE EDUCATION

Program Description

Cooperative Work Experience Education (CWEE) is based on the principle that well-educated individuals develop most effectively when their educational journey incorporates work experience. The CWEE internship program allows students to earn college credit from applying knowledge gained in their courses to an actual work setting. It is designed to expand students' knowledge, increase job readiness and marketable skills, build confidence, and strengthen work habits. Students earn course credits for paid or unpaid (voluntary) supervised work experience.

Research shows that employers are more likely to hire employees who participate in college work-based learning programs. CWEE courses are integrated into Career Education programs and designed to enhance the total development of our students while preparing them for the job market. Through CWEE, MSJC and employers collaborate to provide student-centered instruction and realistic employment experiences in business, industry, government and human services. To find out more about how to obtain an internship, please visit CWEE at msjc.edu/careereducation/cwee (<https://msjc.edu/careereducation/cwee/>).

Career Education Programs

- Administration of Justice (p. 133)
- Allied Health (p. 139)
- Audio & Video Technology (p. 157)
- Automotive Transportation Technology (p. 162)
- Business Administration (p. 173)
- Computer Information Systems (p. 193)
- Diagnostic Medical Sonography (p. 215)
- Digital Media (p. 218)
- Engineering Technology (p. 227)
- Fire Technology (p. 239)
- Geographic Information Science (GIS) (p. 243)
- Golf Course/Turf Management (p. 256)
- Legal Studies (p. 275)
- Management/Supervision (p. 285)
- Nursing (p. 300)
- Office Administration (p. 182)
- Photography (p. 311)
- Real Estate (p. 328)
- Teacher Education & Development Studies (p. 342)
- Technical Theater (p. 355)
- Water Technology (p. 359)
- Wine Industry & Hospitality (p. 364)

Contact Information

Menifee Valley Campus

cwee@msjc.edu
 (951) 672-MSJC (6752)
 1-800-452-3335
 Career Education (951) 222-7343

Enrollment Requirements

Students currently enrolled at MSJC have the option of registering for an **Occupational Work Experience** course which focuses on their career goals, or a **General Work Experience** course that is not related to their specific educational goals. Participating in the CWEE program begins with completing Orientation. Other steps include:

STEP 1: Students must be currently enrolled at Mt. San Jacinto College.

STEP 2: For Occupational Internships, students could be working or have identified a job directly related to their major. This is not a requirement for General Internships. Positions can be paid or unpaid (service-oriented, voluntary).

STEP 3: Students should have completed at least one course in their major. Some disciplines require completion of all core courses to be eligible to participate.

STEP 4: Students are required to attend a CWEE Orientation to receive information about the program and complete the required paperwork, including the CWEE Application and Training Plan. **Orientations are held prior to the beginning of the semester.**

Required Work Hours per Unit

Students need a minimum of 75 hours of paid work, or 60 hours of voluntary work, for each unit of credit.

Paid	Unpaid	Units
37.5-74.5	30-59.5	.5
75-149	60-119	1
150-224	120-179	2
225-299	180-239	3
300-374	240-299	4
375-449	300-359	5
450-524	360-419	6
525-599	420-479	7
600+	480+	8

The maximum total number of units that can be earned is 16 units.

Learning Outcomes

CWEE courses incorporate Career Development and New World of Work (NWoW) content to assist with resume building, increasing employability skills, career exploration, and the job search process. Students participating in the program will be able to:

- Apply critical thinking, research, analysis and resolution for work-related and personal objectives.
- Develop and apply personal skills, attitudes, and competencies in the workplace and within the course-related activities.
- Convert classroom instruction to the employment environment through the development and attainment of three (3) learning objectives.
- Write specific, measurable, achievement, relevant and time (S.M.A.R.T.) objectives to new or expanded workplace responsibilities
- Build self-identity and confidence as a worker through individual attention given by the CWEE team, instructor, and employers.

- Demonstrate effective communication and technological awareness through the use of technologies (Internet, email, and telephone) in ways appropriate to the course.
- Demonstrate accountability for personal actions at work and as it relates to the course.
- Research resources for education and/or career options.

CONTINUING EDUCATION

Non-Credit Programs

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Amy Campbell, Director

Adult Education/Non-Credit Programs

(951) 639-5700

acampbell@msjc.edu

San Jacinto Campus

(951) 487-MSJC (6752)

1-800-624-5561

(951) 487-3710

reg-adulteducation-noncredit@msjc.edu

Program Description

Noncredit instruction provides students with access to a variety of courses at no cost to assist them in reaching their personal, academic and professional goals. MSJC offers noncredit programs of two or more courses to prepare students for employment or to be successful in college-level credit coursework. Career Development and College Preparation certificates are offered in several areas of study.

MSJC also offers a High School Diploma Program, which conveys the same status as completion of a K-12 diploma.

Non-Credit Certificates of Competency

- ABE-GED Preparation Certificate of Competency NC.GED
- ESL - Advanced Certificate of Competency NC.ESL.ADVANCED
- ESL - General Certificate of Competency NC.ESL.GEN
- ESL - Multi-Level Certificate of Competency NC.ESL.MULTI
- Foundations of Math Certificate of Competency NC.MATH

Non-Credit Certificates of Completion

- Construction Technology Certificate of Completion NC.CT
- Culinary Arts Certificate of Completion NC.CA
- Digital Communication Certificate of Completion NC.DC
- Health Careers Certificate of Completion NC.HC
- Light Duty Automotive Services Certificate of Completion NC.AUME

Non-Credit Certificate of Competency

ABE-GED Preparation Certificate of Competency

The ABE-GED Preparation Certificate of Competency is designed to prepare students to take a high school equivalency exam, a battery of five comprehensive examinations that when passed, offer an HSE certificate. Instruction leads to a mastery of capacities necessary to effectively pass an HSE exam. Course emphasis is on developing algebraic reasoning and written fluency of the English language. Language functions and structures are integrated within academic topics ranging from vocational, civic, social and behavioral, and scientific areas.

Course	Title	Credits
Required Courses		
ABE-930	Adult Basic Education (ABE) (formerly ABE-001X)	0

GED-931	General Educational Development (formerly GED-001X)	0
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ESL - Advanced Certificate of Competency

The ESL - Advanced Certificate of Competency prepares advanced level ESL students with the English language and skills needed to function independently in English in a variety of life skills and academic situations. The program focuses on the acquisition of reading, writing and speaking skills needed to function independently at work, school and in the community. Foundation skills are emphasized through instructional methods, exercises and interactive activities that provide opportunities for students to develop a variety of competencies.

Course	Title	Credits
Required Courses		
ESL-920	Non-Credit ESL Advanced 1 (formerly ESL-009X)	0
ESL-921	Non-Credit ESL Advanced 2 (formerly ESL-010X)	0

ESL - General Certificate of Competency

The ESL - General Certificate of Competency prepares beginning and intermediate level ESL students with the English language skills needed to function independently in a variety of life and academic situations. The program focuses on the acquisition of reading, writing, and speaking skills needed to function independently at work, school, and in the community. Foundational skills are emphasized through instructional methods, exercises, and interactive activities that provide opportunities for students to develop a variety of competencies.

Course	Title	Credits
Required Courses		
ESL-903	Non-Credit ESL Beginning 3 (formerly ESL-006X)	0
ESL-904	Non-Credit ESL Intermediate 1 (formerly ESL-007X)	0
ESL-910	Non-Credit ESL Multi-level 1 (formerly ESL-011X)	0

ESL - Multi-Level Certificate of Competency

The ESL - Multi-Level Certificate of Competency prepares beginning, intermediate and advanced level ESL students with the English language and skills needed to function independently in English in a variety of life skills and academic situations. The program focuses on the acquisition of reading, writing and speaking skills needed to function independently at work, school and in the community. Foundation skills are emphasized through instructional methods, exercises and interactive activities that provide opportunities for students to develop a variety of competencies.

Course	Title	Credits
Required Courses		
ESL-910	Non-Credit ESL Multi-level 1 (formerly ESL-011X)	0
ESL-911	Non-Credit ESL Multi-Level 2 (formerly ESL-012X)	0

Foundations of Math Certificate of Competency

The non-credit certificate of competency in Fundamentals of Math is designed to prepare students with the skills needed to successfully complete the lowest level credit math class. Students need a strong foundation in arithmetic to learn algebraic concepts. The required

course work for this program will cover topics in arithmetic using whole numbers, fractions and decimals.

Students will simplify expressions using the order of operations and will translate English into math to solve application problems.

By passing the exit exam in each course of the Fundamentals of Math program, students will qualify to enroll in MATH-055 Accelerated Pre-Algebra with Arithmetic or MATH-060 Pre-Statistics at MSJC.

To earn the certificate of competency, the student must pass the exit exam for each of the four math courses. Once the certificate has been awarded, it is important to enroll in MATH-055 Accelerated Pre-Algebra with Arithmetic or MATH-060 Pre-Statistics in a timely fashion. With the passage of time, the math skills acquired, if not continuously put into practice, will begin to fade.

Course	Title	Credits
Required Courses		
MATH-901	Operations with Whole Numbers (formerly MATH-040AX)	0
MATH-902	Multiplication and Division of Fractions (formerly MATH-040BX)	0
MATH-903	Addition and Subtraction of Fractions (formerly MATH-040CX)	0
MATH-904	Operations with Decimals (formerly MATH-040DX)	0

Non-Credit Certificates of Completion

Construction Technology Certificate of Completion

The Construction Technology Certificate of Completion offers the foundational skills involved in both residential and commercial construction. Topics include safety, tools and materials, and applied mathematics for construction. Participants will also learn to establish short and long term career goals and develop action plans, job search, and career skills. Attainment of this certificate will provide students access to entry level employment in various construction trades provided by an employment partnership with the Carpenter's Union and the Riverside and San Bernardino Building and Construction Trades Council.

Course	Title	Credits
Required Courses		
CEP-954	Introduction to Construction	0
CEP-955	Residential Construction	0
CEP-956	Commercial Construction	0

Culinary Arts Certificate of Completion

The Culinary Arts Certificate of Completion offers the foundational skills required of cooks and food preparation workers in the restaurant industry. Topics include an introduction to various cooking methods and the development of knife/cooking skills. Participants will also learn to establish short and long term career goals, develop action plans, and job search and career skills. Program completers will be able to access entry level employment as cooks and food preparation workers in the local community.

Course	Title	Credits
Required Courses		
CEP-980	Introduction to Culinary Arts 1	0
CEP-981	Introduction to Culinary Arts 2	0

Digital Communication Certificate of Completion

The Digital Communication Certificate of Completion offers the foundational computer related skills involved in digital media. Topics include navigating files, using Photoshop, understanding copyright laws, writing for a digital audience, and communicating using digital imagery. Participants will also learn to establish short and long term career goals, develop action plans, and job search and career skills.

Course	Title	Credits
Required Courses		
CEP-965	Principles of Digital Communication 1	0
CEP-966	Principles of Digital Communication 2	0

Health Careers Certificate of Completion

The Health Careers Certificate of Completion offers the foundational skills required of workers in the health care industry. Topics include CPR techniques, diagnostic testing, vital signs, care regimens, disease prevention, workplace practices, health care communications, behaviors of medical teams, medical terminology, human anatomy, and functions of cells, microorganisms, and tissues. Participants will also learn to establish short and long term career goals, develop action plans, and job search and career skills. Program completers will be able to access entry level employment as home care aides, medical assistants, medical secretaries, OT aides, patient service representatives, and medical scribes.

Course	Title	Credits
CEP-974	Introduction to Health Careers 1	0
CEP-975	Introduction to Health Careers 2	0

Light Duty Automotive Services Certificate of Completion

The Light Duty Automotive Services Certificate of Completion offers both theoretical and hands-on training options in the Automotive industry. Topics include: Lube & Oil, Brakes & Tires and Basic Tune-ups. This program prepares students to enter into the job market as technicians skilled in maintenance and light automotive repair. Participants will also learn to establish short and long term career goals, develop action plans, job search and career planning skills. In order to keep up with the technological advances and continued expansion of the automotive industry, students will learn basic computers skills. Program completers should be able to find employment as a well-trained entry level technicians in the automotive industry.

Course	Title	Credits
Required Courses		
AUME-904	Light Duty Automobile Service Technician (formerly ABE-004X)	0
CEP-950	Career Enhancement Skills (formerly CEP-001X)	0
CEP-970	Basic Computer Skills for Business (formerly CEP-005X)	0

Non-Credit Courses

- Adult Basic Education (ABE) (p. 126)
- Anatomy and Physiology (ANAT) (p. 126)
- Art (ART) (p. 126)
- Automotive Technology (AUME) (p. 126)
- Career Enhancement Program (CEP) (p. 126)
- Citizenship (CTZN) (p. 128)

- English As a Second Language (ESL) (p. 128)
- General Education Development (GED) (p. 129)
- Learning Skills (LNSK) (p. 129)
- Mathematics (MATH) (p. 129)
- Music (MUS) (p. 130)
- Student Success Seminar (SSS) (p. 130)
- Supervised Tutoring (LL) (p. 130)
- Water Technology (WATR) (p. 130)

Adult Basic Education (ABE)

ABE-930 Adult Basic Education (ABE) (formerly ABE-001X)

0 Units

This course is designed to prepare students to take the High School Equivalency class. Course emphasis is on developing arithmetic reasoning and written understanding of the English language. Language functions and structures are integrated within competency-based integrated-skills instruction. (formerly ABE 001X)

Not transferable

Anatomy and Physiology (ANAT)

ANAT-901 Anatomy Refresher Course

0 Units

This course provides a comprehensive review of all major systems of the human body including their anatomy and physiology. These systems include the integumentary, skeletal, muscular, digestive, reproductive, nervous, endocrine, lymphatic, cardiovascular, respiratory and urinary. This course meets the A/P Recency requirement for students needing to apply to the Associate Degree Nursing Program at MSJC.

Prerequisite: ANAT-102 with a grade of C or better.

Other Enrollment Criteria: Students need to be out of recency, meaning that they completed ANAT 101 and 102 more than 5 years prior to taking this course.

Not transferable

Art (ART)

ART-901 Watercolor (formerly ART-001X)

0 Units

This course instructs students in relevant watercolor techniques and media at a beginning to intermediate level of proficiency. (formerly ART 001X)

Not transferable

ART-902 Ceramics (formerly ART-002X)

0 Units

This course is an introduction to working with clay, emphasizing basic hand building, surface treatments, and finished glazing. The use of the potter's wheel will also be introduced with concentration on centering and basic thrown shapes. (formerly ART 002X)

Not transferable

Automotive Technology (AUME)

AUME-904 Light Duty Automobile Service Technician (formerly ABE-004X)

0 Units

This course provides theoretical knowledge of and hands-on experience in performing the tasks required to maintain and perform light duty repairs on a gasoline powered automobile. It is a one semester course designed to allow learners fast entry into the workforce as a light duty automotive maintenance and repair technician. (formerly ABE 004X)

Not transferable

Career Enhancement Program (CEP)

CEP-950 Career Enhancement Skills (formerly CEP-001X)

0 Units

This course will provide the student with the skills and knowledge needed to clarify their employment needs, establish short and long term career goals. Job search techniques, resume development, and interview skills will be emphasized along with the skills and personal characteristics required to obtain and keep a job. (formerly CEP 001X)

Not transferable

CEP-954 Introduction to Construction

0 Units

This course covers the basic methodology and techniques for construction from a skills and vocational point of view. Topics include safety, tools and equipment, materials, basic mathematical procedures used in the construction crafts, green construction, the heritage of the American Worker, and diversity in the construction field. Students are also introduced to employability and communication skills required in the construction field.

Recommended Preparation: CASAS score of 213 or above or initial interview with instructor to demonstrate English proficiency.

Not transferable

CEP-955 Residential Construction

0 Units

This course covers the basic methodology and techniques for residential construction from a skills and vocational point of view. Topics include safety, tools and equipment, materials, and basic mathematical procedures used in the construction crafts. Students are also introduced to employability and communication skills required in the construction field.

Prerequisite: CEP-954 with a grade of P.

Not transferable

CEP-956 Commercial Construction
0 Units

This course covers the basic methodology and techniques for commercial construction from a skills and vocational point of view. Topics include safety, tools and equipment, materials, and basic mathematical procedures used in the construction crafts. Students are also introduced to employability and communication skills required in the construction field.

Prerequisite: CEP-955 with a grade of P.
Not transferable

CEP-960 Introduction to Business Communication Skills
0 Units

This course is designed to prepare students to enter a career in business. Topics include: employer expectations, success skills, basic business etiquette, and business professionalism. Students will develop the skills necessary to communicate effectively in a professional business environment and learn how to prepare basic business documents, including letters, memos, and PowerPoint presentations. This course will also contain an introduction to employment communication, including resumes, application letters, and interview skills.

Recommended Preparation: ESL-920 or CASAS score of 213 or above.
Not transferable

CEP-965 Principles of Digital Communication 1
0 Units

In this course, students will learn the foundational computer related skills involved in Digital Media such as successfully navigating files and using Photoshop. Instruction will include how to structure, transfer, and navigate basic image files. Topics also include employability and job searching skills as well as career and post-secondary education planning.

Recommended Preparation: CASAS score of 213 or above or initial interview with instructor.
Not transferable

CEP-966 Principles of Digital Communication 2
0 Units

This course builds upon the foundational computer related skills involved in Digital Media such as successfully navigating files and using Photoshop covered in Principles of Digital Communication 1. Students will further explore file management and navigation techniques, the use of Photoshop, as well as career and education planning. Topics also include digital communication techniques and a basic exploration of audio and web production software and methods.

Prerequisite: CEP-965 with a grade of P.
Not transferable

CEP-970 Basic Computer Skills for Business (formerly CEP-005X)
0 Units

This course will provide students with an overview of the basic computer functions used in a business setting using state of the art software and web based programs. Students will learn to send and receive emails, input data, research information, and create and store documents. (formerly CEP 005X)

Not transferable

CEP-971 Principles of Early Care and Child Development (formerly CEP-002X)
0 Units

This course will prepare students to pursue a career in the field of childcare for infants, toddlers, and young children. Students study child growth and development, safety and emergency procedures, nutrition, positive interaction, and curriculum activities. This course is also designed to assist students to acquire career awareness, work habits, attitudes, and skills relevant to the childcare field. (formerly CEP 002X)

Recommended Preparation: CASAS assessment or ESL-920.
Not transferable

CEP-974 Introduction to Health Careers 1
0 Units

This course provides an introduction to the health care industry and possible career pathways. Topics include CPR techniques, diagnostic testing, vital signs, care regimens, disease prevention, and workplace practices.

Not transferable

CEP-975 Introduction to Health Careers 2
0 Units

This course provides a continued introduction to the health care industry and possible career pathways. Topics include health care communications, behaviors of medical teams, medical terminology, human anatomy, and functions of cells, microorganisms, and tissues.

Prerequisite: CEP-974 with a grade of P.
Not transferable

CEP-980 Introduction to Culinary Arts 1
0 Units

This course prepares students for an entry-level position in a commercial kitchen. Students will learn the basic methods and techniques of cooking through hands-on instruction in a commercial kitchen environment, as well as how to use culinary tools and equipment safely and properly, sanitary work habits, elements of professionalism, and employability skills.

Recommended Preparation: CASAS score of 213 or above or initial interview with instructor to demonstrate English proficiency.
Not transferable

CEP-981 Introduction to Culinary Arts 2
0 Units

This course prepares students for an entry-level position in a commercial kitchen. Students build upon concepts learned in Introduction to Culinary Arts 1 with further exploration of topics including: basic methods and techniques of cooking, how to use culinary tools and equipment safely and properly, sanitary work habits, elements of professionalism, and employability skills. Topics also include menu design, kitchen organization, prioritization of tasks, and time management skills.

Prerequisite: CEP-980 with a grade of P.
Not transferable

**CEP-985 College and Career Planning
0 Units**

This course allows dedicated study of career exploration and college planning. Students identify their values, interests, personality, and learning styles in order to find the right pathway for them. This course provides opportunities for confidence building, self-reflection, goal setting, evaluation, and research to help acquire career and college readiness skills.

Not transferable

Citizenship (CTZN)

**CTZN-940 Citizenship (formerly CTZN-001X)
0 Units**

This course is designed to prepare the foreign born student for the United States citizenship test. (formerly CTZN 001X)

Prerequisite: ESL-911 with a grade of P or appropriate CASAS assessment score.

Not transferable

English As a Second Language (ESL)

**ESL-901 Non-Credit ESL Beginning 1 (formerly ESL-004X)
0 Units**

This course addresses illiteracy in English or native language. Emphasis is on developing the students' ability to recognize and form letters and to interpret and write words within the context of listening and comprehending messages in the new language. Language functions and structures are integrated in competency-based integrated-skills instruction. (formerly ESL 004X)

Not transferable

**ESL-902 Non-Credit ESL Beginning 2 (formerly ESL-005X)
0 Units**

This course addresses issues for students who have minimum exposure to English. Emphasis is on developing the students' ability to listen to and understand messages. Language functions and structures are integrated in competency-based integrated-skills instruction. (formerly ESL 005X)

Prerequisite: ESL-901 with a grade of P.

Recommended Preparation: Appropriate score on the CASAS exam or interview with instructor to demonstrate proficiency for correct placement.

Not transferable

**ESL-903 Non-Credit ESL Beginning 3 (formerly ESL-006X)
0 Units**

This course is taught with an emphasis on developing the student's ability to listen and understand messages while encouraging increased language production. The emphasis of instruction is on increasing fluency and overall communication. (formerly ESL 006X)

Prerequisite: ESL-902 with a grade of P.

Recommended Preparation: Appropriate score on CASAS assessment or initial interview with instructor to demonstrate proficiency for correct placement.

Not transferable

**ESL-904 Non-Credit ESL Intermediate 1 (formerly ESL-007X)
0 Units**

This course addresses basic knowledge of survival English. Emphasis is on developing fluency, both orally and in writing. Language functions and structures are incorporated with an integrated skills approach. (formerly ESL 007X)

Prerequisite: ESL-903 with a grade of P.

Recommended Preparation: Appropriate score on the CASAS exam or interview with instructor to demonstrate proficiency for correct placement.

Not transferable

**ESL-905 Non-Credit ESL Intermediate 2 (formerly ESL-008X)
0 Units**

This course addresses limited English proficient students. Instruction leading to a mastery of capacities deemed necessary to function effectively in society. Emphasis is on developing oral and written fluency. Language functions and structures are integrated with vocational, academic, civic, and general interest topics. (formerly ESL 008X)

Prerequisite: ESL-904 with a grade of P.

Recommended Preparation: Appropriate score on the CASAS exam or interview with instructor to demonstrate proficiency for correct placement.

Not transferable

**ESL-910 Non-Credit ESL Multi-level 1 (formerly ESL-011X)
0 Units**

This course will prepare limited English proficient students to learn a variety of skills to improve their listening, speaking, reading and writing abilities. (formerly ESL 011X)

Prerequisite: Appropriate CASAS assessment score.

Not transferable

**ESL-911 Non-Credit ESL Multi-Level 2 (formerly ESL-012X)
0 Units**

This course will prepare limited English proficient students to learn a variety of skills to improve their listening, speaking, reading and writing abilities. (formerly ESL 012X)

Prerequisite: ESL-910 with a grade of P or appropriate CASAS score.

Not transferable

**ESL-920 Non-Credit ESL Advanced 1 (formerly ESL-009X)
0 Units**

This course addresses issues with limited English proficiency. Instruction leads to an understanding of capacities necessary to function effectively in society and higher ESL courses. Course emphasis is on increased development of oral and written fluency in English. Language functions and structures are integrated with vocational, academic, civic, and general interest topics. (formerly ESL 009X)

Prerequisite: ESL-905 with a grade of P.

Recommended Preparation: Appropriate score on the CASAS assessment or initial interview with instructor to demonstrate proficiency for correct placement.

Not transferable

ESL-921 Non-Credit ESL Advanced 2 (formerly ESL-010X)**0 Units**

This course addresses issues with limited English proficiency. Instruction leads to a mastery of advanced capacities necessary to function effectively in society. Course emphasis is on developing oral and written fluency in English. Language functions and structures are integrated with vocational, academic, civic, and general interest topics. (formerly ESL 010X)

Prerequisite: ESL-920 with a grade of P.

Recommended Preparation: Appropriate score on the CASAS assessment or initial interview with instructor to demonstrate proficiency for correct placement.

Not transferable

ESL-962 Writing and Reading Skills for Multilingual Students**0 Units**

This course offers training in English language skills needed for success in American colleges. Informed by the language acquisition process, the course includes further instruction in reading and writing. Sentence structure and grammar concepts to enhance communication are reviewed as needed. Conventions of conversation and class discussion are practiced. The course includes paragraph development, critical reading, and critical thinking skills. Students will also be introduced to composing academic essays. *Cross-listed as ESL-062.

Recommended Preparation: ESL-920 or ESL-921 or GED-931.

Not transferable

ESL-998 Preparation for English Composition For Multilingual Students**0 Units**

This course provides practice in writing American English multi-paragraph essays. The course also includes in-class practice with college-level reading and discussion in English. Critical thinking is practiced when using concepts and aspects of the readings in student compositions. With focus on elements of difficulty in the language acquisition process, grammar and sentence structure are addressed as needed. This course also addresses plagiarism and introduces the use of quotations and citations in research papers. *Cross-listed as ESL-098.

Recommended Preparation: ESL-062 or ESL-920 or ESL-921 or GED-931.

Not transferable

General Education Development (GED)

GED-931 General Educational Development (formerly GED-001X)**0 Units**

This course is designed to prepare students to take a high school equivalency exam, a battery of five comprehensive examinations that when passed, offer an HSE certificate. Instruction leading to a mastery of capacities necessary to effectively pass an HSE exam. Course emphasis is on developing algebraic reasoning and written fluency of the English language. Language functions and structures are integrated within academic topics ranging from vocational, civic, social and behavioral, and scientific areas. (formerly GED 001X)

Prerequisite: Appropriate score on the assessment or ABE-930.

Not transferable

Learning Skills (LNSK)

LNSK-901 Text-to-Speech Software for LD**0 Units**

This course is designed to provide individualized instruction to learning disabled students who have been identified through diagnostic testing who need to develop skills in text-to-speech adaptive access technology.

Not transferable

LNSK-902 Voice Recognition for LD**0 Units**

This course will teach students to use voice recognition in a variety of word processing applications and digital environments.

Not transferable

LNSK-903 Self-Advocacy for Students With Disabilities**0 Units**

This course is designed to teach students with learning and/or other disabilities skills necessary to communicate and self-advocate.

Not transferable

Mathematics (MATH)

MATH-901 Operations with Whole Numbers (formerly MATH-040AX)**0 Units**

This course covers operations with whole numbers. This includes exponents, order of operations, and the translating English into math. Solving application problems are also included. (formerly MATH 040AX)

Not transferable

MATH-902 Multiplication and Division of Fractions (formerly**MATH-040BX)****0 Units**

This course covers the multiplication and division of fractions. Students will be required to simplify expressions using the Order of Operations and solve application problems involving these two operations. (formerly MATH 040BX)

Prerequisite: MATH-901 with a grade of P.

Not transferable

MATH-903 Addition and Subtraction of Fractions (formerly**MATH-040CX)****0 Units**

This course covers the addition and subtraction of non-negative rational numbers. Both application problems and problems involving the order of operations will also be covered. (formerly MATH 040CX)

Prerequisite: MATH-902 with a grade of P.

Not transferable

MATH-904 Operations with Decimals (formerly MATH-040DX)
0 Units

This course covers arithmetic with decimals. It also covers simplifying expressions using the order of operations and solving applications that involve computations with decimals. (formerly MATH 040DX)

Prerequisite: MATH-903 with a grade of P.
Not transferable

Music (MUS)

MUS-901 Community Jazz Band (formerly MUS-001X Community Concert Band)
0 Units

This course is a jazz big band that rehearses and performs music in a diverse range of traditional and modern musical styles. The ensemble consists of trumpet, trombone, saxophone and rhythm section musicians from the community and performs concerts for the public every semester. (formerly MUS 001X)

Prerequisite: Demonstrate proficiency on a musical instrument by audition and/or interview.
Not transferable

MUS-902 Community Orchestra or Concert Band (MUS-002X Golden Eagle Orchestra)
0 Units

This course is a symphonic ensemble that performs a range of historic and modern art music as an orchestra or concert band. Check with instructors to confirm which sections are appropriate for your instrument. (formerly MUS 002X)

Prerequisite: Demonstrate proficiency on an instrument by audition and/or interview.
Not transferable

MUS-903 Community Choir (formerly MUS-003X Hemet Harmonizers)
0 Units

This course is a community-based choral ensemble that rehearses and performs vocal music from a range of musical styles, centered on traditional literature from the Renaissance through Twentieth Century, and also including multi-cultural folk songs and select arrangements from Music Theater and Contemporary songs. (formerly MUS 003X)

Prerequisite: Demonstrate singing proficiency by audition and/or interview.
Not transferable

Student Success Seminar (SSS)

SSS-990 Student Success Seminar (formerly SSS-010X)
0 Units

This course is designed to develop thinking strategies that can be used for lifelong problem solving in academic, social, and personal life. It introduces critical thinking, information literacy, college resources, motivating factors, and study skills for student success. (formerly SSS 010X)

Not transferable

Supervised Tutoring (LL)

LL-998 Supervised Tutoring (formerly LL-001X)
0 Units

This course provides tutoring and mediated instruction in multidisciplinary areas designed to meet individual student needs in designated disciplines. Educational experiences may include scheduled tutoring appointments, walk-in tutoring, study groups, group tutoring, computer-based learning, supplemental instruction, academic/study skills development and assessment, and other activities designed to give students academic support in a variety of learning center settings. (formerly LL 001X)

Not transferable

Water Technology (WATR)

WATR-913 Test Preparation for Water Treatment Operations I & II
0 Units

This refresher course covers the expected Range of Knowledge (ROK) required to obtain the California State Water Resources Control Board (SWRCB) Water Treatment Operator License at the T1 and T2 level which serves as the foundation of the (SWRCB) Exam.

Recommended Preparation: WATR-503.
Not transferable

WATR-915 Test Preparation for Water Treatment Operations III, IV, & V
0 Units

This refresher course covers the expected Range of Knowledge (ROK) required to obtain the California State Water Resources Control Board (SWRCB) Water Treatment Operator License at the T3, T4, and T5 level which serves as the foundation of the (SWRCB) Exam.

Recommended Preparation: WATR-503, WATR-505 and WATR-913..
Not transferable

WATR-917 Test Preparation for Water Distribution Operations
0 Units

This refresher course covers the expected Range of Knowledge (ROK) required to obtain the California State Water Resources Control Board (SWRCB) Water Distribution Systems Operator License at the D1 and D2 level which serves as the foundation of the (SWRCB) Exam.

Recommended Preparation: WATR-507.
Not transferable

WATR-920 Test Preparation for Wastewater Treatment Operations I & II
0 Units

This refresher course covers the expected Range of Knowledge (ROK) required to obtain the California State Water Resources Control Board (SWRCB) Wastewater Treatment Operator License at the Grade One and Grade Two level which serves as the foundation of the (SWRCB) Exam.

Recommended Preparation: WATR-520.
Not transferable

**WATR-922 Test Preparation for Wastewater Treatment Operations III, IV
& V
0 Units**

This refresher course covers the expected Range of Knowledge (ROK) required to obtain the California State Water Resources Control Board (SWRCB) Wastewater Treatment Operator License at the Grade Three, Four, and Five level.

Recommended Preparation: WATR-520, WATR-522 or WATR-920..
Not transferable

INSTRUCTIONAL PROGRAMS

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Administration of Justice Program Description

View on YouTube (<https://www.youtube.com/watch?v=v-dubsvVEfM>)

Justice is at the heart of the U.S. democratic system, yet today's criminal justice system is facing increasingly complex issues, from human trafficking and terrorism to computer crimes and gang-related crimes. Professionals with careers within the criminal justice system are confronting these challenges daily; working to prevent and reduce crime, serve as positive role models, improve public safety, and serve their communities. Today, there are more than 18,000 local, state, and federal law enforcement agencies who employ more than 700,000 officers so whether you decide to work as a police officer or deputy sheriff, special agent, criminologist, forensic scientist, or within corrections, a career in criminal justice places you in the unique position to make a meaningful difference in your community and across the U.S. criminal justice systems.

For individuals currently working in the field, there may be potential for salary and/or career advancement. Many agencies require entry-level and current personnel to possess a certain level of education to be hired or to be eligible for a promotion. The Certificate/Associate degree (A.S.) provide that level of education.

Administration of Justice Department Page (<https://www.msjc.edu/administrationofjustice/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)

1-800-624-5561

Ricardo Martinez (951) 487-3505

rmartinez@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

William Farrar

(951) 639-5505

wfarrar@msjc.edu

Degrees/Certificates Degrees

Transfer Degrees

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Non-Transfer Degrees

- Administration of Justice, A.S. (p. 135)

Certificates

- Administration of Justice Certificate (p. 136)

Employment Concentrations

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- Corrections Employment Concentration (p. 138)
- Private Security and Loss Prevention Employment Concentration (p. 138)

Program Learning Outcomes

- Demonstrate the essential qualifications for employment in the criminal justice field to include the mastery of core criminal justice principles and the ability to think critically and to speak and write effectively.
- Demonstrate an understanding of personal and civic responsibility as they apply to the criminal justice system.
- Demonstrate a critical awareness of race, cultural diversity, and inequality as manifested in the criminal justice system both locally and nationally and apply these understandings to both study and practice. This includes identifying transformative forces generating social change on a micro and macro level.
- Demonstrate the knowledge of ethical analysis, research, and practice in applying the law, as well as the ability to reason and think critically in the application of these principles and/or laws within the criminal justice field.
- Demonstrate the competency to apply criminological theory, research methods, and appropriate technology to assess, evaluate, and address both current and future issues in the practice of criminal justice.
- Demonstrate a meaningful understanding of how discretion permeates every phase of the criminal justice system and creates ethical dilemmas for criminal justice professionals.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market

statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Lawyer, Judges (B, M+)	\$128,000	5,910
Police Officer, Deputy Sheriff (SM, A)	\$99,000	5,590
Corrections, Probation (SM, B+)	\$78,000/82,000	2,979/1084

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Administration of Justice, A.S.-T

An Associate in Science in Administration of Justice for Transfer will fulfill the requirements for students to transfer to a CSU institution as an Administration of Justice or Criminal Justice major. The courses in the A.S.-T in Administration of Justice for Transfer degree allow for the development of depth in one of the subject's substantive subsystems (i.e. law enforcement, juvenile, courts or corrections). The main objective is to familiarize students with the processes involved in the interaction of the criminal justice system as a whole.

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Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU/CSUSM: General Education Option B

Fall Semester 1		Units
MATH-140	Introduction to Statistics	3
ENGL-101	College Composition (formerly Freshman Composition)	4
AJ-102	Introduction to Criminal Justice	3
THA-110	Fundamentals of Acting	3
PSYC-101	Introduction to Psychology	3
Units		16
Spring Semester 1		Units
AJ-101	Criminal Law	3
AJ-112	Introduction to Criminology	3
PHIL-103	Logic	3
PS-101	Introduction to American Government and Politics	3
CHEM-100	Introduction to Chemistry	4
Units		16

Fall Semester 2

COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
AJ-108	Criminal Investigation	3
ANTH-101	Physical Anthropology	3
SPAN-101	Elementary Spanish I	4
AJ-111	Criminal Procedures	3
Units		16

Spring Semester 2

HIST-112	U.S. History Since 1865	3
MUS-108	History of Jazz and Blues	3
PS-103 or HIST-160	Ethnic Politics in America or Black History in the American Context	3
AJ-118	Community and the Justice System	3
Units		12
Total Units		60

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements. CSUSM Grad Requirements: Language (<https://www.csusm.edu/academicadvising/gradrequirements/language/>)

Requirements

Course	Title	Credits
Required Core Courses		
AJ-101	Criminal Law	3
AJ-102	Introduction to Criminal Justice	3
List A: Select two		
Select two of the following:		6
AJ-103	Criminal Evidence	
AJ-106	Juvenile Procedures	
AJ-108	Criminal Investigation	
AJ-111	Criminal Procedures	
AJ-118	Community and the Justice System	
CORR-101	Introduction to Correctional Science	
List B: Select two		
Select any course from List A not used above or the following:		6
AJ-105	Tactical Communication and Report Writing for Law Enforcement (formerly Public Safety Report Writing)	
AJ-117	Introduction to Terrorism and Homeland Security	
MATH-140	Introduction to Statistics	
PSYC-101	Introduction to Psychology	
	or PSYC-101H	Honors Introduction to Psychology
PS-101	Introduction to American Government and Politics	
	or PS-101H	Honors Introduction to American Government and Politics
Total Units		18

Course	Title	Credits
Units for Major		18
CSU General Education or IGETC Pattern (p. 97)		37-39

Possible double counting: 6-9

Transferable Electives (as needed to reach 60 CSU transferable units)

Total Units for A.S.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Administration of Justice, A.S.

In addition to the 24 units of the certificate program in Administration of Justice, students must also complete all MSJC General Education Option A requirements (a total of 60 units) for the Associate of Science degree in Administration of Justice.

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Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of

courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

Course	Title	Units
Fall Semester 1		
AJ-102	Introduction to Criminal Justice	3
ENGL-101	College Composition (formerly Freshman Composition)	4
COMM-113	Oral Interpretation of Literature	3
HS-123	Drugs, Health and Society (formerly Drugs: Use and Abuse)	3
PHIL-103	Logic	3
Units		16
Spring Semester 1		
AJ-101	Criminal Law	3
ANTH-101	Physical Anthropology	3
PS-101	Introduction to American Government and Politics	3
AJ-105	Tactical Communication and Report Writing for Law Enforcement (formerly Public Safety Report Writing)	3
MATH-140	Introduction to Statistics	3
Units		15
Fall Semester 2		
AJ-111	Criminal Procedures	3
AJ-118	Community and the Justice System	3
AJ-112	Introduction to Criminology	3
SPAN-101	Elementary Spanish I	4
PE-119	Exercise Walking	1
Units		14
Spring Semester 2		
AJ-108	Criminal Investigation	3
AJ-117	Introduction to Terrorism and Homeland Security	3
PE-115	First Aid and CPR	3
CORR-101	Introduction to Correctional Science	3
HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	3
Units		15
Total Units		60

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Administration of Justice Courses		15
Elective Administrative of Justice Courses		9
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		
AJ-101	Criminal Law	3
AJ-102	Introduction to Criminal Justice	3
or AJ-102H	Honors Introduction to Criminal Justice	
AJ-105	Tactical Communication and Report Writing for Law Enforcement (formerly Public Safety Report Writing)	3
AJ-111	Criminal Procedures	3
AJ-118	Community and the Justice System	3
Elective Courses		
Select 9 units of the following:		9
AJ-103	Criminal Evidence	
AJ-106	Juvenile Procedures	
AJ-108	Criminal Investigation	
AJ-112	Introduction to Criminology	
AJ-117	Introduction to Terrorism and Homeland Security	
AJ-124	Introduction to Forensics for Law Enforcement	
AJ-128	Traffic Control, Enforcement and Investigation	
AJ-299	Special Projects: Administration of Justice	
AJ-507	Ethics in Criminal Justice	
AJ-515	Introduction to Probation and Parole (formerly AJ-115)	
AJ-598	Introduction to Private Security (formerly AJ-098)	
AJ-549	Cooperative Work Experience: Administration of Justice (formerly AJ-149)	
AJ-725	Vice and Narcotics Investigation And Control (formerly AJ-125 Vice and Narcotics Control)	
CORR-101	Introduction to Correctional Science	
Total Units		24

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer.

The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Administration of Justice Certificate

A certificate will be issued for completion of five core course and three elective courses for a total of 24 units. Students may submit a student petition to enrollment services to substitute credit for completion of a P.O.S.T. Basic Police Officers Academy through an accredited institution. Students must attach official college transcripts and an academy course outline or syllabus to the student petition. The Administration of Justice and Corrections Department Chair will determine the amount of credit to award the student. Four Administration of Justice course must be completed at MSJC to earn a certificate.

22143 CT.AJ

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
AJ-102	Introduction to Criminal Justice	3
AJ-101	Criminal Law	3
AJ-105	Tactical Communication and Report Writing for Law Enforcement (formerly Public Safety Report Writing)	3
AJ-111	Criminal Procedures	3
Units		12
Spring Semester 1		
AJ-112	Introduction to Criminology	3
AJ-108	Criminal Investigation	3
AJ-117	Introduction to Terrorism and Homeland Security	3
AJ-118	Community and the Justice System	3
Units		12
Total Units		24

Requirements

Course	Title	Credits
Required Courses		
AJ-101	Criminal Law	3
AJ-102	Introduction to Criminal Justice	3
or AJ-102H	Honors Introduction to Criminal Justice	
AJ-105	Tactical Communication and Report Writing for Law Enforcement (formerly Public Safety Report Writing)	3
AJ-111	Criminal Procedures	3

AJ-118	Community and the Justice System	3
Subtotal		15
Elective Courses		
Select 9 units of the following:		9
AJ-103	Criminal Evidence	
AJ-106	Juvenile Procedures	
AJ-108	Criminal Investigation	
AJ-112	Introduction to Criminology	
AJ-117	Introduction to Terrorism and Homeland Security	
AJ-124	Introduction to Forensics for Law Enforcement	
AJ-128	Traffic Control, Enforcement and Investigation	
AJ-299	Special Projects: Administration of Justice	
AJ-507	Ethics in Criminal Justice	
AJ-515	Introduction to Probation and Parole (formerly AJ-115)	
AJ-549	Cooperative Work Experience: Administration of Justice (formerly AJ-149)	
AJ-598	Introduction to Private Security (formerly AJ-098)	
AJ-725	Vice and Narcotics Investigation And Control (formerly AJ-125 Vice and Narcotics Control)	
CORR-101	Introduction to Correctional Science	
Subtotal		9
Total Units		24

Career Exploration

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Gainful Employment Disclosures: Administration of Justice

Gainful Employment Disclosures – 2021

Program Name ADMINISTRATION OF JUSTICE

This program is designed to be completed in 8 months.

This program will cost \$1,104 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$ 0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Computer Forensics Employment Concentration

This Employment Concentration Certificate will prove the student's ability to work in the Computer Forensics Industry, helping the student applying for jobs related to the mentioned industry, while continuing further coursework toward a full certificate or degree.

ECC.AJ.CF

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
AJ-103	Criminal Evidence	3
AJ-105	Tactical Communication and Report Writing for Law Enforcement (formerly Public Safety Report Writing)	3
CSIS-580	Computer Hardware - Level 1 (formerly CSIS-080)	4
Units		10

Spring Semester 1

CSIS-282	Computer Forensics (formerly CSIS-182)	3
Units		3
Total Units		13

Requirements

Course	Title	Credits
Required Courses		
AJ-103	Criminal Evidence	3
AJ-105	Tactical Communication and Report Writing for Law Enforcement (formerly Public Safety Report Writing)	3
CSIS-282	Computer Forensics (formerly CSIS-182)	3
CSIS-580	Computer Hardware - Level 1 (formerly CSIS-080)	4
Total Units		13

Career Exploration

Discover information about careers that interest you!

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2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Corrections Employment Concentration

CPOST (Correctional Peace Officer Standards and Training) has developed a recommended pattern of classes that would benefit correctional peace officer apprentices. Students completing these classes may receive a higher application score when applying for positions within the Department of Corrections.

ECC.AJ.CORR

**Program Map
Design Your Future!**

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
CORR-101	Introduction to Correctional Science	3
AJ-105	Tactical Communication and Report Writing for Law Enforcement (formerly Public Safety Report Writing)	3
CORR-502	Control and Supervision in Corrections (formerly CORR-102)	3
CORR-503	Correctional Interviewing and Counseling (formerly CORR-103)	3
AJ-101 or CORR-504	Criminal Law or Legal Aspects of Corrections (formerly CORR-104)	3
Units		15
Total Units		15

Requirements

Course	Title	Credits
Required Courses		
AJ-105	Tactical Communication and Report Writing for Law Enforcement (formerly Public Safety Report Writing)	3
CORR-101	Introduction to Correctional Science	3
CORR-502	Control and Supervision in Corrections (formerly CORR-102)	3
CORR-503	Correctional Interviewing and Counseling (formerly CORR-103)	3
Elective Courses		
AJ-101 or CORR-504	Criminal Law Legal Aspects of Corrections (formerly CORR-104)	3
Total Units		15

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

**Private Security and Loss Prevention
Employment Concentration**

Private security professionals are needed in contemporary society and provide a variety of complex duties and responsibilities on a daily basis. Today, private security is the primary resource for individual and property protection. The security field, while broad, includes many sub-fields such as; private investigation, asset protection, physical security, institutional

security, executive protection, industrial security, retail security, loss prevention, workplace security, computer security, and information security.

ECC.AJ.PS&LP

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
AJ-101	Criminal Law	3
AJ-108	Criminal Investigation	3
AJ-105	Tactical Communication and Report Writing for Law Enforcement (formerly Public Safety Report Writing)	3
AJ-598	Introduction to Private Security (formerly AJ-098)	3
Units		12
Total Units		12

Requirements

Course	Title	Credits
Required Courses		
AJ-101	Criminal Law	3
AJ-105	Tactical Communication and Report Writing for Law Enforcement (formerly Public Safety Report Writing)	3
AJ-108	Criminal Investigation	3
AJ-598	Introduction to Private Security (formerly AJ-098)	3
Total Units		12

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer.

The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Allied Health

Program Description

Emergency Medical Technician (EMT)

Responding to the ill or critically injured requires a competent, skillful, and knowledgeable person. This non-transfer program is the first step for those individuals seeking professional training for a career as an Emergency Medical Technician. Students are taught how to perform a complete patient assessment and how to provide multiple lifesaving interventions. Those who successfully complete the course will be eligible to take the National Registry of Emergency Medical Technician examination; a state certification required for employment as an EMT.

Allied Health Department Page (<https://www.msjc.edu/nursingandalliedhealth/emergencymedicalservices/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)
1-800-624-5561
Nursing and Allied Health (951) 732-8911

Menifee Valley Campus

(951) 672-MSJC (6752)
1-800-452-3335
Nursing and Allied Health (951) 732-8911

Program Learning Outcomes

Certified Nursing Assistant

- Perform safe, competent, and therapeutic nursing assistant care to maintain optimum wellness of the client and families.
- Apply basic principles of physical, social, cultural, and spiritual assessment to the nursing assistant care of the client and families.
- Identify and report abnormal physical and social assessment findings to the interdisciplinary patient care team.
- Participate in the plan of care for clients and families in a variety of health care settings.

- Demonstrate effective therapeutic communication and professionalism to clients, families, and other members of the interdisciplinary team.
- Demonstrate ethical, legal and safety standards to clients, families and other members of the interdisciplinary team.
- Prepare to take the CNA NNAAP Test.

Home Health Aide

- Identify State and Federal regulations and requirements for HHA certification.
- Identify members of the home health care team, their functions, and how they interact.
- Describe key steps involved in the communication process and methods used in communication with clients, families, team members, and community agencies.
- Identify the impact of illness on the client's and family's physical, emotional, and psychological health.
- Discuss how culture, lifestyle, and life experiences of the client and family can influence care provided.
- Recognize the role of the HHA in maintaining client and family rights and privacy.
- Discuss personal skills care, body mechanics, safety, emergency procedures and methods to improvise and adapt these procedures for the home delivery in home care.
- Demonstrate ability to select and purchase foods with consideration of nutritional principles, budget, preference, and storage.

Emergency Medical Technician

- Use clinical reasoning when verbalizing and demonstrating the proper techniques when used when ventilating an adult manikin.
- Pass the National Emergency Medical Technician exam.
- Explain and demonstrate how to use all the medications that are in the EMT scope of practice.
- Synthesize and explain the physiological effects of hypoxia on both the molecular and cellular level in a patient that presents with hypoxia.
- Analyze and employ safe scene practices while working at the scene of a traffic collision on the freeway.
- Demonstrate professional behavior and respect for all patients, coworkers, bystanders and assisting agencies in the performance of their duty as cited in the National Emergency Medical Technician code of ethics and behavior.

Telemetry

- Demonstrate skills appropriate to the level of knowledge required for entrance into employment related to the medical field.
- Analyze and evaluate cardiac rhythms through a systematic approach comparing electrophysiology to electrocardiogram wave patterns.
- Demonstrate ethical behavior in the clinical setting and maintain patient confidentiality at all times.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer.

The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Emergency Medical Technician, Paramedic (C)	\$33,715	1,589
Medical and Health Service Managers (B)	\$105,858	1,336
Lifeguards, Ski Patrol, Other Rec (C)	\$34,922	1,943
Police, Fire, and Ambulance Dispatchers (SM, A)	\$64,805	183
Ambulance Drivers and Attendants (SM, C, A)	\$24,524	87

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

American Indian Studies

Program Description

Our American Indian Studies transfer program explores the history, sociology, languages, literature, worldview, and artistic traditions of Indigenous nations by placing American Indians at the center of their own story. We examine contemporary Indigenous literature, poetry, and plays, as well as music, spoken word, and filmmaking. We survey past Native societies through their archaeology, oral traditions, and manipulation of the landscape. Our scope includes Indigenous People across our entire hemisphere, including North America and Latin America, acknowledging that modern borders are new concepts.

We believe that making these connections from the people of the ancient past to the people of today is important because in urban areas, on reservations, and next door, Indigenous People remain. Today's Indigenous People are the product of colonial histories that affected ancient traditions, whose modern worldview is informed by settler colonialism, sovereignty, and civil rights.

Our core courses in anthropology and Native literature, along with the elective courses, provide a grounded baseline of knowledge about the rich cultural diversity of Indigenous People. The local AIS non-transfer A.A. degree is intended to serve as transfer preparation for students who wish to undertake bachelor's degree programs in American Indian Studies at four-year colleges.

American Indian Studies Department Page (<https://www.msjc.edu/americanindianstudies/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for

transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

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John Torres, (951) 487-3654
jtorres@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)
1-800-452-3335
Erik Ozolins (951) 639-5725
eozolins@msjc.edu

Degrees/Certificates

Degrees

Non Transfer Degrees

- American Indian Studies, A.A. (p. 141)

Program Learning Outcomes

- Evaluate the complex interrelationship between individual American Indian cultures and the history of invasion, immigration and settlement by others in North and South America.
- Analyze the interrelationship between human societies and their physical environment.
- Apply the principles of cultural relativism to observations of human behavior.
- Recognize the validity of people's variable language histories and experiences.
- Be able to recognize the value of the archaeological & historical records.
- Utilize the scientific method in observations of human attributes (biology, behavior, language, artifacts).
- Analyze the interrelationship between the history, beliefs, and cultural distinctions as they are depicted in oral and written literatures.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Equal Opportunity Reps/Officers (B)	\$81,205	3,293
Social Science Research Assistants (M, D)	\$55,097	421
Interpreters and Translators	\$51,877	1,489

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

American Indian Studies, A.A.

An Associate of Arts (AA) degree in American Indian Studies prepares students for transfer to four-year colleges offering a Bachelor of Arts (BA) in American Indian Studies or related fields. The major requirement for an AA in American Indian Studies may be met by completing the pattern described below plus all MSJC General Education Option A requirements.

AA.AIS

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- Starting in Spring?** Choose Fall Semester 1 courses.
- Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

General Education Option A

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
ANTH-102	Cultural Anthropology	3
COMM-100	Public Speaking	3
DAN-100 or MUS-109	History and Appreciation of Dance or World Music	3
MATH-140 or PSYC-121	Introduction to Statistics or Statistics for Behavioral Sciences	3
Units		16
Spring Semester 1		
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
ANTH-105	North American Indians (formerly ANTH-103A)	3
ENGL-103 or PHIL-112	Critical Thinking and Writing or Critical Thinking and Composition	3

ART-101 or ART-104	Art History: Prehistoric Through Medieval Art or World Art	3
Units		16
Fall Semester 2		
LIT-240	American Indian Literature (formerly ENGL-240)	3
PS-101	Introduction to American Government and Politics	3
ANTH-107 or ANTH-121	Indigenous People of Latin America (formerly ANTH-103D Latin American Cultures) or California Indians	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
Select one of the following:		3
SOCI-102	Contemporary Social Problems	
ENVS-100	Humans and Scientific Inquiry	
PSYC-101	Introduction to Psychology	
Units		16
Spring Semester 2		
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
PS-103	Ethnic Politics in America	
ANTH-145	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3
Select one of the following:		4
SPAN-102	Elementary Spanish II	
FREN-102	Elementary French II	
ASL-101	American Sign Language II	
GEOL-100 or ENVS-101	Physical Geology or Environmental Science	3-4
Units		13-14
Total Units		61-62

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required American Indian Studies Courses		12
American Indian Studies Electives		6
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		
ANTH-101	Physical Anthropology	3

or ANTH-101H	Honors Physical Anthropology	
ANTH-102 or ANTH-102H	Cultural Anthropology Honors Cultural Anthropology	3
ANTH-105	North American Indians (formerly ANTH-103A)	3
LIT-240 or LIT-240H	American Indian Literature (formerly ENGL-240) Honors American Indian Literature (formerly ENGL-240H)	3
Elective Courses		
Select 6 units of the following:		6
ANTH-107	Indigenous People of Latin America (formerly ANTH-103D Latin American Cultures)	
ANTH/HIST-121	California Indians	
ANTH-125	Magic, Witchcraft and Religion	
ANTH-145 or ANTH-145H	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics) Honors Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	
COMM-108 or COMM-108H	Intercultural Communication Honors Intercultural Communication	
HIST-150 or HIST-150H	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History) Honors Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	
PS-103 or PS-103H	Ethnic Politics in America Honors Ethnic Politics in America	
SOCI-106	Intercultural Relations	
Total Units		18

Career Exploration

Discover information about careers that interest you!

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3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Anthropology

Program Description

View on YouTube (<https://www.youtube.com/watch/?v=XafC8SbHIXs>)

Food and feasts. Ancient pottery and stone tools. Fossil skeletons, marriage rituals, Machu Picchu, chimpanzees. These topics are united under the study of humans: anthropology. We study ancient and modern humans, and how they live.

'Anthropology' is actually four fields put together: biological/physical, cultural, archaeology, and linguistics. We examine skeletons for what they can tell us about diet, disease, and trauma; we look at cultures around the world to understand different religions, power structures, and personal lives. Archaeologists examine what is left behind: from small artifacts to large temple complexes. Linguistic anthropologists think about how language- the words we use, and the ways we speak- reflect and shape how we look at the world.

Anthropology shows us the value of human diversity in our cultures and in the way that we speak. In our bodies, and how we evolved, we are incredibly similar. Through a deeper understanding of our common humanity, we can tackle larger issues like race, sex, gender, religion, politics and economics. With this clearer lens, we begin to appreciate our great potential and obligation to empathize and help our fellow humans, thereby helping to build a better world for us all.

Anthropology Department Page (<https://www.msjc.edu/anthropology/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

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jtorres@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Erik Ozolins (951) 639-5725

ezolins@msjc.edu

Degrees/Certificates

Degrees

Transfer Degrees

- Anthropology, A.A.-T (p. 143)

Program Learning Outcomes

- Analyze the interrelationship between humans and their physical environment.
- Apply the principles of cultural relativism to observations of human behavior.
- Recognize the validity of people's variable language histories and experiences.
- Recognize the value of archaeological and fossil records.
- Use Natural Selection to explain hominid evolution.
- Utilize the scientific method in observations of human attributes (biology, behavior, language, artifacts).

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Education Industry (B+)	\$33,000-88,000	45,799
Healthcare Industry (A, B, M)	\$33,000-300,000	31,000
Archaeology (B, M+)	\$65,000	300

(*degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate*)

Anthropology, A.A.-T

An Associate in Arts in Anthropology for Transfer will fulfill the requirements for students to transfer to a four-year college or university as an Anthropology major.

AA.ANTH.OPTBAAT or AA.ANTH.OPTCAAT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Fall Semester 1		Units
ENGL-101	College Composition (formerly Freshman Composition)	4

ANTH-102	Cultural Anthropology	3
COMM-100	Public Speaking	3
Select one of the following:		3
ART-101	Art History: Prehistoric Through Medieval Art	
ART-104	World Art	
MUS-109	World Music	
MATH-140	Introduction to Statistics	3
Units		16

Spring Semester 1

ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
HIST-111	U.S. History to 1877	3
or HIST-112	or U.S. History Since 1865	
Select one of the following:		3
ANTH-105	North American Indians (formerly ANTH-103A)	
ANTH-107	Indigenous People of Latin America (formerly ANTH-103D Latin American Cultures)	
ANTH-121	California Indians	
ANTH-125	Magic, Witchcraft and Religion	
ENGL-103	Critical Thinking and Writing	3
PSYC-101	Introduction to Psychology	3
or SOCI-102	or Contemporary Social Problems	
Units		16

Fall Semester 2

ANTH-104	World Prehistory	3
PS-101	Introduction to American Government and Politics	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
GEOL-100	Physical Geology	3
or ENVS-101	or Environmental Science	
Select one of the following:		3
ANTH-105	North American Indians (formerly ANTH-103A)	
ANTH-107	Indigenous People of Latin America (formerly ANTH-103D Latin American Cultures)	
ANTH-121	California Indians	
ANTH-125	Magic, Witchcraft and Religion	
Units		16

Spring Semester 2

ANTH-115	Introduction to Archaeology	3
ANTH-145	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3
Select one of the following:		3
ANTH-105	North American Indians (formerly ANTH-103A)	

ANTH-107	Indigenous People of Latin America (formerly ANTH-103D Latin American Cultures)	
ANTH-121	California Indians	
ANTH-125	Magic, Witchcraft and Religion	
LIT-275	Latinx/Chicanx Literature	3
or LIT-280	or Multiethnic Literature (formerly ENGL-280)	
Units		12
Total Units		60

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

Preferred Classes:

Area C1: ART-101 Art History: Prehistoric Through Medieval Art, ART-102 Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art), ART-104 World Art, MUS-107 Introduction and Appreciation of American Music, MUS-108 History of Jazz and Blues, MUS-109 World Music

Area C2: ASL-100 American Sign Language I/ASL-101 American Sign Language II, FREN-101 Elementary French I/FREN-102 Elementary French II, SPAN-101 Elementary Spanish I/SPAN-102 Elementary Spanish II, LIT-240 American Indian Literature (formerly ENGL-240), LIT-260 Introduction to African American Literature (formerly ENGL-260), LIT-280 Multiethnic Literature (formerly ENGL-280), HIST-103 World History to 1500 (formerly History of World Civilizations to 1500), PHIL-101 Introduction to Philosophy I

Area D: Met by Anthropology requirements and US History/PS-101 Introduction to American Government and Politics

UC: General Education Option C

Fall Semester 1		Units
ENGL-101	College Composition (formerly Freshman Composition)	4
ANTH-102	Cultural Anthropology	3
COMM-100	Public Speaking	3
Select one of the following:		3
ART-101	Art History: Prehistoric Through Medieval Art	
ART-104	World Art	
MUS-109	World Music	
MATH-140	Introduction to Statistics	3
or PSYC-121	or Statistics for Behavioral Sciences	
Units		16

Spring Semester 1

ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
Select one of the following:		3
ANTH-105	North American Indians (formerly ANTH-103A)	

ANTH-107	Indigenous People of Latin America (formerly ANTH-103D Latin American Cultures)	
ANTH-121	California Indians	
ANTH-125	Magic, Witchcraft and Religion	
ENGL-103 or PHIL-112	Critical Thinking and Writing or Critical Thinking and Composition	3
Units		14
Fall Semester 2		
ANTH-104	World Prehistory	3
GEOL-100 or ENVIS-101	Physical Geology or Environmental Science	4
Select one of the following:		4
SPAN-102	Elementary Spanish II	
FREN-102	Elementary French II	
ASL-101	American Sign Language II	
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
Select one of the following:		3
ANTH-105	North American Indians (formerly ANTH-103A)	
ANTH-107	Indigenous People of Latin America (formerly ANTH-103D Latin American Cultures)	
ANTH-121	California Indians	
ANTH-125	Magic, Witchcraft and Religion	
Units		17
Spring Semester 2		
ANTH-115	Introduction to Archaeology	3
ANTH-145	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3
Select one of the following:		3
ANTH-105	North American Indians (formerly ANTH-103A)	
ANTH-107	Indigenous People of Latin America (formerly ANTH-103D Latin American Cultures)	
ANTH-121	California Indians	
ANTH-125	Magic, Witchcraft and Religion	
PS-101	Introduction to American Government and Politics	3
Select one of the following:		3
LIT-240	American Indian Literature (formerly ENGL-240)	
LIT-260	Introduction to African American Literature (formerly ENGL-260)	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
Units		15
Total Units		62

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better.

Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Preferred Classes:

Area 3A: ART-101 Art History: Prehistoric Through Medieval Art, ART-102 Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art), ART-104 World Art, MUS-107 Introduction and Appreciation of American Music, MUS-108 History of Jazz and Blues, MUS-109 World Music

Area 3B: ASL-101 American Sign Language II, FREN-102 Elementary French II, SPAN-102 Elementary Spanish II, LIT-240 American Indian Literature (formerly ENGL-240), LIT-260 Introduction to African American Literature (formerly ENGL-260), LIT-280 Multiethnic Literature (formerly ENGL-280), HIST-103 World History to 1500 (formerly History of World Civilizations to 1500), PHIL-101 Introduction to Philosophy I

Requirements

Course	Title	Credits
Required Core Courses		
ANTH-101 or ANTH-101H	Physical Anthropology Honors Physical Anthropology	3
ANTH-102 or ANTH-102H	Cultural Anthropology Honors Cultural Anthropology	3
ANTH-115	Introduction to Archaeology	3
List A: Select one		
ANTH-104 or ANTH-104H	World Prehistory Honors World Prehistory	3
List B: Select one to two		
ANTH-111	Physical Anthropology Lab	1
ANTH-145 or ANTH-145H	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics) Honors Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3
List C: Select one		
Select one of the following:		3
ANTH-105	North American Indians (formerly ANTH-103A)	
ANTH-107	Indigenous People of Latin America (formerly ANTH-103D Latin American Cultures)	
ANTH/HIST-121	California Indians	
ANTH-125	Magic, Witchcraft and Religion	
ANTH-201	Introduction to Forensic Anthropology	
ANTH-520	Archaeological Excavation (formerly ANTH-205)	
ANTH-530	Archaeology Laboratory (formerly ANTH-210)	
LIT-205 or LIT-205H	World Folklore and Mythology (formerly ENGL-205 World Folklore) Honors World Folklore and Mythology (formerly ENGL-205H Honors World Folklore)	
LIT-240 or LIT-240H	American Indian Literature (formerly ENGL-240) Honors American Indian Literature (formerly ENGL-240H)	

LIT-280 or LIT-280H	Multiethnic Literature (formerly ENGL-280) Honors Multiethnic Literature (formerly ENGL-280H)	
Total Units		19
Course	Title	Credits
Units for Major		19
CSU General Education or IGETC Pattern (p. 97)		37-39
Possible double counting: 16 units		
Transferable Electives (as needed to reach 60 CSU transferable units)		
Total Units for A.A.-T Degree: 60 units		

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Art + Design

Program Description

Southern California is an incredibly rich area for art and creative industries. MSJC Art + Design is a wonderful place to start to explore and participate in the art and ideas that make our area so special. MSJC is where you can explore drawing, painting, ceramics, sculpture, visual

communication, and art history. Whether you are registered for one class or complete your degree to transfer we know that our department is the place to let your creativity soar!

Art Department Page (<https://www.msjc.edu/art/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Related-Content Groups

(4 attempts within a related-content group/each course 1 time for credit)

Course	Title	Credits
Ceramics		
ART-151	Ceramic Arts	3
Drawing		
ART-108	Beginning Drawing	3
ART-109	Intermediate Drawing	3
ART-112	Life Drawing	3
Foundational Studies		
ART-120	2D Design	3
ART-121	Color Theory	3
ART-122	3D Design	3
Painting		
ART-115	Painting I	3
ART-116	Painting II	3
ART-118	Watercolor/Mixed Media	3
ART-119	Mural Painting	3
Sculpture		
ART-160	Sculpture	3
ART-170	Intermediate Sculpture (formerly Foundry-Ceramic Shell Casting)	3
ART-171	(thru SU14)	

Contact Information

San Jacinto Campus
(951) 487-MSJC (6752)
1-800-624-5561
Chet Glaze (951) 487-3580
cglaze@msjc.edu
<http://www.msjc.edu/SJCart/>

Menifee Valley Campus
(951) 672-MSJC (6752)
1-800-452-3335

Eileen Doktorski (951) 639-5580
edoktorski@msjc.edu
Jason Bader (951) 639-5581
jbader@msjc.edu

Degrees/Certificates

Degrees

Transfer Degrees

- Art History, A.A.-T (p. 147)
- Studio Arts, A.A.-T (p. 149)

AA/AS Transfer Degrees

- Visual Design, A.A. (p. 151)

Non-Transfer Degrees

- Art, A.A. (p. 152)

Employment Concentrations

- Graphic Design Employment Concentration (p. 153)

Program Learning Outcomes

- Demonstrate problem solving skills in the process of producing art.
- Demonstrate a general awareness of artistic cultures and styles.
- Demonstrate the use of appropriate terminology in evaluating art and design.
- Develop a progression of works that demonstrate their creative style, technical skill, and personal approach to subject and media.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Video Gamer Designer(B)	\$48,284-\$93,692	4,094
Art Therapists (M, D)	\$46,883-\$84,478	116
Art Directors (B)	\$46,461-\$77,609	1,162
Museum/Gallery Professional (B, M)	\$45,000-\$200,000	4,200
Makeup Artists, Theatrical & Performance (C)	\$29,045-\$114,217	265
Multimedia Artists & Animators (A, B)	\$40,058-\$107,963	1,215

Art, Drama, & Music Teachers, Postsecondary (M, D) \$33,645-\$175,480 15,241

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Art History, A.A.-T

An Associate in Arts in Art History for Transfer degree is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing this degree is guaranteed admission to the CSU system, but not a particular campus or major. It is advised that students meet with a counselor to develop an education plan and receive university admission and transfer requirements. The major requirement for an A.A.-T in Art History may be met by completing the pattern described below plus all MSJC General Education Option B (CSU-GE Breath) and or option C (IGETC) requirements.

AA.ARTAH.OPTBAAT or AA.ARTAH.OPTCAAT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
ART-101	Art History: Prehistoric Through Medieval Art	3
ART-108	Beginning Drawing	3
MATH-115	Ideas of Mathematics	3
ENGL-101	College Composition (formerly Freshman Composition)	4
COMM-100	Public Speaking	3
Units		16
Spring Semester 1		
ANTH-101	Physical Anthropology	3
ART-102	Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)	3
ART-104	World Art	3
ENGL-103	Critical Thinking and Writing	3
PSYC-101	Introduction to Psychology	3
ANTH-111	Physical Anthropology Lab	1
Units		16
Fall Semester 2		
ART-121	Color Theory	3

PS-101	Introduction to American Government and Politics	3
HIST-136	Cultural History of American Motion Pictures	3
HIST-160	Black History in the American Context	3
ART-120	2D Design	3

Units **15**

Spring Semester 2

ENVS-101	Environmental Science	3
ART-103	Introduction to Modernism	3
HIST-111	U.S. History to 1877	3
ART-131	Introduction to Digital Art	3
ART-299	Special Projects: Art	1

Units **13**

Total Units **60**

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

CSUSM: General Education Option B

Course	Title	Units
Fall Semester 1		
ART-101	Art History: Prehistoric Through Medieval Art	3
ART-108	Beginning Drawing	3
MATH-115	Ideas of Mathematics	3
ENGL-101	College Composition (formerly Freshman Composition)	4
COMM-100	Public Speaking	3
Units		16

Spring Semester 1

ANTH-101	Physical Anthropology	3
ART-102	Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)	3
ART-104	World Art	3
ENGL-103	Critical Thinking and Writing	3
PSYC-101	Introduction to Psychology	3
ANTH-111	Physical Anthropology Lab	1

Units **16**

Fall Semester 2

ART-131	Introduction to Digital Art	3
PS-101	Introduction to American Government and Politics	3
THA-137	Introduction to World Cinema	3
ART-120	2D Design	3
HIST-160	Black History in the American Context	3

Units **15**

Spring Semester 2

ENVS-101	Environmental Science	3
ART-100	Art Appreciation	3
ART-121	Color Theory	3

Select one of the following: **4**

SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
HIST-111	U.S. History to 1877	3

Units **16**

Total Units **63**

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements. CSUSM Grad Requirements: Language (<https://www.csusm.edu/academicadvising/gradrequirements/language/>)

Requirements

Course	Title	Credits
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Required Core Courses

ART-101	Art History: Prehistoric Through Medieval Art	3
or ART-101H	Honors Art History: Prehistoric Through Medieval Art	
ART-102	Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)	3
or ART-102H	Honors Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)	
ART-108	Beginning Drawing	3

List A: Select one

ART-104	World Art	3
or ART-104H	Honors World Art	

List B: Select one

Select one of the following: **3**

ART-109	Intermediate Drawing	
ART-112	Life Drawing	
ART-115	Painting I	
ART-120	2D Design	
ART-121	Color Theory	
ART-131	Introduction to Digital Art	
ART-151	Ceramic Arts	
ART-160	Sculpture	
ART-170	Intermediate Sculpture (formerly Foundry-Ceramic Shell Casting)	
PHOT-125	Digital Photography Production I	

List C: Select one

Select any one course from List A or List B not already used or one of the following courses: **3-4**

ANTH-102	Cultural Anthropology	
or ANTH-102H	Honors Cultural Anthropology	
ANTH-105	North American Indians (formerly ANTH-103A)	
ANTH-107	Indigenous People of Latin America (formerly ANTH-103D Latin American Cultures)	
ANTH-115	Introduction to Archaeology	

ANTH/HIST-121	California Indians
ART-103 or ART-103H	Introduction to Modernism Honors Introduction to Modernism
DAN-100/HIST-151	History and Appreciation of Dance
FREN-201	Intermediate French I
HIST-101	Western Civilization to 1650 (formerly Western Civilization I: to 1500)
HIST-102	Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)
HIST-103 or HIST-103H	World History to 1500 (formerly History of World Civilizations to 1500) Honors World History to 1500 (formerly Honors History of World Civilizations to 1500)
HIST-104 or HIST-104H	World History Since 1500 Honors World History Since 1500
HIST-107	The History of East Asia Before 1600
HIST-108	The History of East Asia Since 1600
HIST-118	History of World Religions (formerly HUM-104 World Religions)
THA-137	Introduction to World Cinema
PHIL-109	Ancient and Medieval Philosophy
THA-155/HIST-165	Musical Theater History

Total Units 18-19

Course	Title	Credits
Units for Major		18-19
CSU General Education or IGETC Pattern (p. 97)		37-39

Possible double counting: 9 units

Transferable Electives (as needed to reach 60 CSU transferable units)

Total Units for A.A.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

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1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Studio Arts, A.A.-T

An Associate in Arts in Studio Arts for Transfer will fulfill the requirements for students to transfer to a CSU institution as a Studio Arts major and prepare students with a cohesive body of work so that they may begin development of their artist portfolio while they work towards a BA or BFA.

This Associate in Arts in Studio Arts for Transfer degree is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing this degree is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a counselor to develop an educational plan and receive university admission and transfer requirements.

AA.ARTSA.OPTBAAT or AA.ARTSA.OPTCAAT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Fall Semester 1		Units
ART-102	Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)	3
ART-108	Beginning Drawing	3
MATH-115	Ideas of Mathematics	3
ENGL-101	College Composition (formerly Freshman Composition)	4
PSYC-101	Introduction to Psychology	3
Units		16
Spring Semester 1		
ART-120	2D Design	3

ART-101	Art History: Prehistoric Through Medieval Art	3
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
ART-121	Color Theory	3
ENGL-103	Critical Thinking and Writing	3

Units 16

Fall Semester 2

ART-122	3D Design	3
ART-131	Introduction to Digital Art	3
ASL-100	American Sign Language I	4
HIST-111	U.S. History to 1877	3
ENVS-101	Environmental Science	3

Units 16

Spring Semester 2

ART-115	Painting I	3
PS-101	Introduction to American Government and Politics	3
COMM-100	Public Speaking	3

Select one of the following: 3

HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	

Units 12

Total Units 60

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

UC: General Education Option C

Fall Semester 1

ART-102	Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)	3
ART-108	Beginning Drawing	3
MATH-115	Ideas of Mathematics	3
ENGL-101	College Composition (formerly Freshman Composition)	4
PSYC-101	Introduction to Psychology	3

Units 16

Spring Semester 1

ART-120	2D Design	3
ART-101	Art History: Prehistoric Through Medieval Art	3
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
ART-121	Color Theory	3
ENGL-103	Critical Thinking and Writing	3

Units 16

Fall Semester 2

ART-122	3D Design	3
ART-131	Introduction to Digital Art	3

Select one of the following: 4

SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	

HIST-111 U.S. History to 1877 3

ENVS-101 Environmental Science 3

Units 16

Spring Semester 2

ART-115	Painting I	3
PS-101	Introduction to American Government and Politics	3
DAN-100	History and Appreciation of Dance	3
COMM-100	Public Speaking	3

Units 12

Total Units 60

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Requirements

Course	Title	Credits
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Required Core Courses

ART-102	Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)	3
or ART-102H	Honors Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)	

ART-108	Beginning Drawing	3
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ART-120	2D Design	3
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ART-122	3D Design	3
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List A: Select one

Select one of the following: 3

ART-101	Art History: Prehistoric Through Medieval Art	
or ART-101H	Honors Art History: Prehistoric Through Medieval Art	

ART-104	World Art	
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or ART-104H	Honors World Art	
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List B: Select three

Select three of the following: 9

ART-109	Intermediate Drawing	
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ART-112	Life Drawing	
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ART-115	Painting I	
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ART-121	Color Theory	
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ART-123	Graphic Design I	
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ART-125	Introduction to Typography (formerly Graphic Design: Typography)	
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ART-131	Introduction to Digital Art	
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ART-151	Ceramic Arts	
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ART-160	Sculpture
ART-223	Graphic Design II
PHOT-125	Digital Photography Production I

Total Units 24

Course	Title	Credits
Units for Major		24
CSU General Education or IGETC Pattern		37-39

Possible double counting: 6 units

Transferable Electives (as needed to reach 60 CSU transferable units)

Total Units for A.A.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Visual Design, A.A.

The Associate of Arts degree program in Visual Design is designed for students who are interested in transferring to a 4-year university that specializes in professional design practices like Graphic Design, Multimedia, etc. The academic emphasis of the program is for students to develop creative solutions to solve visual problems by combining research, concept, and production. Visualization, research, as well as

proficiency in technology, are all important elements in the education required within the A.A. in Visual Design

AA.ART.VD.OPTB or AA.ART.VD.OPTC

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
ART-102	Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)	3
ART-120	2D Design	3
MATH-115	Ideas of Mathematics	3
ENGL-101	College Composition (formerly Freshman Composition)	4
PSYC-101	Introduction to Psychology	3
Units		16
Spring Semester 1		
ANTH-101	Physical Anthropology	3
ART-125	Introduction to Typography (formerly Graphic Design: Typography)	3
ART-131	Introduction to Digital Art	3
ENGL-103	Critical Thinking and Writing	3
ANTH-111	Physical Anthropology Lab	1
ART-101	Art History: Prehistoric Through Medieval Art	3
ART-595	Typography Practicum (formerly ART-095)	1
Units		17
Fall Semester 2		
ART-123	Graphic Design I	3
PS-101	Introduction to American Government and Politics	3
HIST-160	Black History in the American Context	3
HIST-136	Cultural History of American Motion Pictures	3
ART-108	Beginning Drawing	3
Units		15
Spring Semester 2		
ENVS-101	Environmental Science	3
ART-122	3D Design	3
HIST-111	U.S. History to 1877	3
ART-299	Special Projects: Art	1

COMM-100	Public Speaking	3
	Units	13
	Total Units	61

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

Requirements

The requirements for this degree may be met by completing the pattern described below plus all MSJC's General Education Option B (CSUGE) or Option C (IGETC) requirements.

Additional major preparation or elective courses may be required for specific institutions, and students transferring to a CSU or UC can refer to ASSIST.ORG (<https://catalog.msjc.edu/instructional-programs/art-design/visual-design-aa/assist.org>) to review major preparation for specific majors and programs. Please meet with a Counselor for further transfer information.

Course	Title	Credits
MSJC General Education Option B or C (p. 97)		37-39
Required Art Courses		18
Art Electives		6
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		
ART-101	Art History: Prehistoric Through Medieval Art	3
or ART-101H	Honors Art History: Prehistoric Through Medieval Art	
ART-102	Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)	3
or ART-102H	Honors Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)	
ART-108	Beginning Drawing	3
ART-120	2D Design	3
ART-123	Graphic Design I	3
ART-131	Introduction to Digital Art	3
Design Electives		3
ART-125	Introduction to Typography (formerly Graphic Design: Typography)	
Studio Art Electives		3
ART-112	Life Drawing	
ART-121	Color Theory	
ART-141	Illustration	
ART-223	Graphic Design II	
PHOT-125	Digital Photography Production I	
Total Units		24

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Art, A.A.

The Associate of Arts in Art degree is intended for students who want to develop their art-making skills and breadth of knowledge through studio and art history course work. Students who complete this non-transfer degree will have a body of work that can be used to further a personal career in art, or as an entry point into commercial art industries such as Studio Fine Arts, Commercial Arts, Graphic Design, Illustration, and Museum/Gallery Preparation.

The major requirement for an Associate in Arts in Art may be met by completing the pattern described plus all MSJC General Education Option A requirements (for a total of 60 units).

4403 AA.ART

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

Course	Title	Units
Fall Semester 1		
ART-102	Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)	3
ART-108	Beginning Drawing	3
MATH-115	Ideas of Mathematics	3
ENGL-101	College Composition (formerly Freshman Composition)	4
CSCR-100	College Success and Career Readiness (formerly GUID-100 College Success)	3
	Units	16
Spring Semester 1		
ART-120	2D Design	3
ART-131	Introduction to Digital Art	3
ANTH-101	Physical Anthropology	3

ART-104	World Art	3
COMM-100	Public Speaking	3
Units		15
Fall Semester 2		
ART-115	Painting I	3
ART-101	Art History: Prehistoric Through Medieval Art	3
PSYC-101	Introduction to Psychology	3
ART-121	Color Theory	3
Select one of the following:		3
ART-125	Introduction to Typography (formerly Graphic Design: Typography)	
ART-160	Sculpture	
ART-109	Intermediate Drawing	
Units		15
Spring Semester 2		
ART-116	Painting II	3
HIST-111	U.S. History to 1877	3
Select one of the following:		3
ART-123	Graphic Design I	
ART-151	Ceramic Arts	
ART-170	Intermediate Sculpture (formerly Foundry-Ceramic Shell Casting)	
ART-122	3D Design	3
ART-116 or ART-112	Painting II or Life Drawing	3
Units		15
Total Units		61

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Art Courses		12
Art Electives		6
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		
ART-101 or ART-101H	Art History: Prehistoric Through Medieval Art Honors Art History: Prehistoric Through Medieval Art	3
ART-102 or ART-102H	Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art) Honors Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)	3
ART-108	Beginning Drawing	3
ART-120	2D Design	3

Electives		
Select 6 units from the following:		6
Art History:		
ART-104 or ART-104H	World Art Honors World Art	
Two Dimensional Art:		
ART-109	Intermediate Drawing	
ART-112	Life Drawing	
ART-115	Painting I	
ART-116	Painting II	
ART-118	Watercolor/Mixed Media	
ART-119	Mural Painting	
ART-121	Color Theory	
ART-123	Graphic Design I	
ART-125	Introduction to Typography (formerly Graphic Design: Typography)	
ART-131	Introduction to Digital Art	
ART-141	Illustration	
ART-299	Special Projects: Art	
Three Dimensional Art:		
ART-151	Ceramic Arts	
ART-160	Sculpture	
ART-170	Intermediate Sculpture (formerly Foundry-Ceramic Shell Casting)	
ART-299	Special Projects: Art	

Total Units **18**

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Graphic Design Employment Concentration

The Employment Concentration in Graphic Design is for the student who would like to build a portfolio that is sufficient for entry-level work in the Graphic Design field. This award can supplement any degree that is offered at MSJC.

ECC.ART.GD

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
ART-131	Introduction to Digital Art	3
ART-125	Introduction to Typography (formerly Graphic Design: Typography)	3
Units		6
Spring Semester 1		
ART-123	Graphic Design I	3
ART-593 or ART-595	Graphic Design Practicum (formerly ART-093) or Typography Practicum (formerly ART-095)	1
Units		4
Fall Semester 2		
ART-223	Graphic Design II	3
ART-299	Special Projects: Art	1-3
Units		4-6
Total Units		14-16

Requirements

Course	Title	Credits
Required Courses		
ART-123	Graphic Design I	3
ART-125	Introduction to Typography (formerly Graphic Design: Typography)	3
ART-131	Introduction to Digital Art	3
ART-223	Graphic Design II	3
ART-299	Special Projects: Art	1
ART-593 or ART-595	Graphic Design Practicum (formerly ART-093) Typography Practicum (formerly ART-095)	1
Total Units		14

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.

3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

ASL Interpretation & Translation

Program Description

When you learn a new language and culture, you gain access to a whole new world beyond everything that you have ever known. Here at Mt. San Jacinto College, the Department of ASL Interpretation & Translation offers you the unique opportunity to study American Sign Language and Deaf Culture in a full immersion setting! Acquiring a language is not just about learning vocabulary, but about internalizing a way of life. Our language acquisition and cultural awareness courses will adequately prepare you to flourish in the Deaf community. Once you have completed the language acquisition series, you are eligible to apply for our Interpreter Preparation Program (IPP), which offers a specially designed course sequence in both advanced linguistic and cultural competency development, as well as translation and interpretation competencies. Our program is open to qualified Deaf, Hearing, and Hard-of-Hearing individuals who aspire to become ASL/English interpreters and translators.

The IPP guides students through the processes of understanding the field of interpretation, its history and development over time, and an understanding and mastering of translation, consecutive interpretation, and simultaneous interpretation skill sets. In addition, our program highlights the critical roles of Deaf interpreters in our field and how to most effectively work in Deaf/Hearing interpreting teams. Our degree opportunity provides high-quality American Sign Language instruction and effectively prepares students to become professional interpreters who are competent, ethical and life-long learners. The majority of graduates from our program have successfully transferred to Gallaudet University in Washington, D.C., CSU Northridge in Northridge, CA, St. Catherine's University in St. Paul, MN, and many more!

ASL Interpretation and Translation Department Page (<https://www.msjc.edu/asl/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)
1-800-624-5561
Voice (951) 639-5399

Menifee Valley Campus

(951) 672-MSJC (6752)
1-800-452-3335
Jeremy Rogers
Videophone (951) 639-8138
Fax (951) 672-0454
Voice (951) 639-5399

Degrees/Certificates

Degrees

Non-Transfer

- Interpreter Preparation, A.S. (p. 155)

Certificates

- Interpreter Preparation Certificate (p. 156)

Program Learning Outcomes

- Demonstrate expressive and receptive competence of ASL grammatical features when communicating with the Deaf/ Hard of Hearing people.
- Demonstrate expressive and receptive competence and interpersonal communication using visual language between individuals.
- Acquire information and recognize distinctive viewpoints that are only available through American Sign Language and Deaf culture.
- Engage in one-to-one conversations using ASL with the Deaf community to access information about Deaf culture that will lead to lifelong learning experiences.
- Examine expected social behaviors when interacting with mixed groups of Deaf/Hard of Hearing and hearing individuals at Deaf events (e.g., handwaving to show enjoyment of entertainment).

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Interpreter (A, B, M)	\$51,886	3,483
Translator (A, B, M)	\$51,886	3,483
Interpreter Educator (B, M+)	\$66,334	8

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Interpreter Preparation, A.S.

The 35 units in this degree plus all MSJC General Education Option A (24 units) to include ANTH-145 Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics) (3 units) and COMM-100 Public Speaking (3 units) for a total of 60 units is required to earn an Associate in Science in Interpreter Preparation.

AS.ASL.IPP

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-115	Ideas of Mathematics	3
ASL-110	Deaf Culture and Community	3
ASL-201	American Sign Language III (formerly ASL-103)	4
Units		14
Spring Semester 1		
ASL-202	American Sign Language IV (formerly ASL-104)	4
ASL-203	American Sign Language V (formerly ASL-105)	3
ASL-501	Fingerspelling, Numbers & Classifiers (formerly ASL-102)	3
ANTH-145	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics) ³	3
Units		13
Fall Semester 2		
IPP-510	Introduction to ASL/English Interpreting (formerly IPP-101)	3
IPP-511	Processing Skills Development (formerly IPP-103)	3
ASL-505	American Sign Language Linguistics (formerly ASL-150)	3
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
CSCR-116	Integrative Career/Life Planning (formerly GUID-116)	3
Units		15

Spring Semester 2

IPP-515	ASL to English Interpreting I (formerly IPP-104)	3
IPP-516	English to ASL Interpreting I (formerly IPP-105)	3
IPP-610	Ethical & Professional Standards of Interpreting (formerly IPP-201)	3
ENGL-103	Critical Thinking and Writing	3
ANTH-101	Physical Anthropology	3
Units		15

Fall Semester 3

IPP-615	ASL to English Interpreting II (formerly IPP-204)	3
IPP-616	English to ASL Interpreting II (formerly IPP-205)	3
COMM-100	Public Speaking ³	3
PS-101	Introduction to American Government and Politics	3
Units		12

Spring Semester 3

IPP-625	Specialized Interpreting (formerly IPP-210)	3
IPP-650	Practicum and Seminar (formerly IPP-250)	2
Units		5
Total Units		74

³ Other General Education courses cannot be substituted for ANTH 145 and COMM 100 as they are required for the degree

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Courses		35
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		
ASL-110	Deaf Culture and Community	3
ASL-203	American Sign Language V (formerly ASL-105)	3
ASL-505	American Sign Language Linguistics (formerly ASL-150)	3
IPP-510	Introduction to ASL/English Interpreting (formerly IPP-101)	3
IPP-511	Processing Skills Development (formerly IPP-103)	3
IPP-515	ASL to English Interpreting I (formerly IPP-104)	3
IPP-516	English to ASL Interpreting I (formerly IPP-105)	3
IPP-610	Ethical & Professional Standards of Interpreting (formerly IPP-201)	3

IPP-615	ASL to English Interpreting II (formerly IPP-204)	3
IPP-616	English to ASL Interpreting II (formerly IPP-205)	3
IPP-625	Specialized Interpreting (formerly IPP-210)	3
IPP-650	Practicum and Seminar (formerly IPP-250)	2
Total Units		35

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Interpreter Preparation Certificate

The 35 units in this certificate plus ANTH-145 Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics) (3 units) and COMM-100 Public Speaking (3 units) (if not already taken) are required to earn a certificate in Interpreter Preparation.

CT.ASL.IPP

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
ASL-100	American Sign Language I	4
ASL-505	American Sign Language Linguistics (formerly ASL-150)	3
IPP-510	Introduction to ASL/English Interpreting (formerly IPP-101)	3
IPP-511	Processing Skills Development (formerly IPP-103)	3
COMM-100	Public Speaking	3
Units		16

Spring Semester 1

IPP-515	ASL to English Interpreting I (formerly IPP-104)	3
IPP-516	English to ASL Interpreting I (formerly IPP-105)	3
IPP-610	Ethical & Professional Standards of Interpreting (formerly IPP-201)	3
ANTH-145	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3
Units		12

Fall Semester 2

IPP-615	ASL to English Interpreting II (formerly IPP-204)	3
IPP-616	English to ASL Interpreting II (formerly IPP-205)	3
ASL-110	Deaf Culture and Community	3
Units		9

Spring Semester 2

IPP-625	Specialized Interpreting (formerly IPP-210)	3
IPP-650	Practicum and Seminar (formerly IPP-250)	2
Units		5
Total Units		42

Requirements

Course	Title	Credits
Required Courses		
ASL-110	Deaf Culture and Community	3
ASL-203	American Sign Language V (formerly ASL-105)	3
ASL-505	American Sign Language Linguistics (formerly ASL-150)	3
IPP-510	Introduction to ASL/English Interpreting (formerly IPP-101)	3
IPP-511	Processing Skills Development (formerly IPP-103)	3
IPP-515	ASL to English Interpreting I (formerly IPP-104)	3
IPP-516	English to ASL Interpreting I (formerly IPP-105)	3
IPP-610	Ethical & Professional Standards of Interpreting (formerly IPP-201)	3
IPP-615	ASL to English Interpreting II (formerly IPP-204)	3
IPP-616	English to ASL Interpreting II (formerly IPP-205)	3
IPP-625	Specialized Interpreting (formerly IPP-210)	3
IPP-650	Practicum and Seminar (formerly IPP-250)	2
Total Units		35

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Interpreter Preparation

Gainful Employment Disclosures – 2021

Program Name INTERPRETER PREPARATION

This program is designed to be completed in 12 months.

This program will cost \$1,1472 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$ 0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Audio & Video Technology Program Description

Looking to break into the recording industry? Want to produce better audio for yourself and clients? In the Audio Technology program, we recognize that the need for quality audio design is essential for any content creator in the field today. We focus on current industry trends in hardware and software to equip you with the tools and certification you

need to become a next-generation producer. Our program prepares you to be a leader in technology through industry designed courses that are essential to today's market. Be an ambassador for good sound.

See the Digital Media Department Page (<https://www.msjc.edu/digitalmedia/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)
1-800-624-5561

Alan Marsala (951) 639-5545
amarsala@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)
1-800-452-3335

Alan Marsala (951) 639-5545
amarsala@msjc.edu

Degrees/Certificates

Degrees

Transfer Degrees

- Film, Television and Electronic Media, A.S.-T (p. 158)

Non-Transfer Degrees

- Audio Technology, A.A. (p. 160)

Certificates

- Audio Technology Certificate (p. 161)

Program Learning Outcomes

- Operate audio and video components.
- Apply the theories of audio and video.
- Apply critical thinking skills in audio and video applications.
- Prepare to enter the work force in the audio and video area.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Audio-Visual and Multimedia Collections Specialists (SM, C, B)	\$48,738	88
Audio and Video Equipment Technicians (SM, C, B)	\$47,172	1,810
Broadcast Technicians (SM, A)	\$41,924	452
Sound Engineering Technicians (SM, C, A)	\$63,206	566

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Film, Television and Electronic Media, A.S.-T

An A.S.-T in Film, Television and Electronic Media for Transfer will fulfill the requirements for students to transfer to a CSU institution as a Film, Television and Electronic Media major. The courses in the A.S.-T in Film, Television and Electronic Media for Transfer provide students with an ability to solve quantitative problems and think critically in regards to major concepts in video and audio theories, including television broadcasting, radio broadcasting, studio recording, video camera technology and application, microphone technology and application, pre and post production applications, communications, and principles in acting for film and television.

This Associate in Science in Film, Television and Electronic Media for Transfer degree is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing this degree is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a counselor to develop an educational plan and receive university admission and transfer requirements.

AS.FTVE.OPTBAST and AS.FTVE.OPTCAST

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-115	Ideas of Mathematics	3
AUD-140	Beginning Studio Recording	3
AUD-143	Pro Tools 101 (formerly Computer Audio Editing)	3
COMM-110	Communications Media Survey	3
Units		16
Spring Semester 1		
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
AUD-141	Intermediate Studio Recording	3
ENGL-111	Introduction to Media Writing	3
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
THA-136	Cultural History of American Motion Pictures	3
Units		15
Fall Semester 2		
COMM-100	Public Speaking	3
AUD-180	Video Production I	3
PS-101	Introduction to American Government and Politics	3
ART-100	Art Appreciation	3
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
Units		16
Spring Semester 2		
AUD-549	Cooperative Work Experience: Audio and Video Technology (formerly AUD-149)	1
ENVS-101	Environmental Science	3
HIST-111	U.S. History to 1877	3
or HIST-112	or U.S. History Since 1865	
THA-137	Introduction to World Cinema	3
PSYC-102	Personal Growth	3
Units		13
Total Units		60

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

Requirements

Course	Title	Credits
Required Core Courses		
COMM-110	Communications Media Survey	3
ENGL-111	Introduction to Media Writing	3

List A: Select one from each Area

Area 1 Audio

AUD/MUS-141 or AUD-148	Intermediate Studio Recording Radio Production	3
---------------------------	---	---

Area 2 Video or Film Production

Select one of the following: 3

AUD-180/DIG-190 Video Production I

AUD-183 Video Production II (formerly AUD-153)

AUD-185 Television Studio Production & Broadcast

List B: Select one

Select any course from List A not used above or the following: 3

THA-101 Introduction to Theater

or THA-101H Honors Introduction to Theater

THA-135 Introduction to Film

THA/HIST-136 Cultural History of American Motion Pictures

THA-137 Introduction to World Cinema

or THA-137H Honors Introduction to World Cinema

List C: Select one

Select any course from List B not used above or the following: 3

AUD/MUS-140 Beginning Studio Recording

COMM-120 Survey of Communication Studies

MUS-100 Introduction and Appreciation of Music

or MUS-100H Honors Introduction and Appreciation of Music

THA-110 Fundamentals of Acting

THA-112 Acting for Film and Television

Total Units 18

Course	Title	Credits
Units for Major 18		
CSU General Education or IGETC Pattern (p. 97)		37-39

Possible double counting: 12 units

Transferable Electives (as needed to reach 60 CSU transferable units)

Total Units for A.S.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet

with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Audio Technology, A.A.

In addition to the 24 units of the certificate program in Audio Technology, students must also complete all MSJC General Education Option A requirements (a total of 60 units) for the Associate of Arts degree in Audio Technology.

AA.MUS.AT

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-115	Ideas of Mathematics	3
AUD-140	Beginning Studio Recording	3
AUD-143	Pro Tools 101 (formerly Computer Audio Editing)	3
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
Units		16
Spring Semester 1		
ENVS-100	Humans and Scientific Inquiry	3
COMM-110	Communications Media Survey	3
AUD-141	Intermediate Studio Recording	3

MUS-107	Introduction and Appreciation of American Music	3
DIG-110	Introduction to Digital Media	3
Units		15
Fall Semester 2		
COMM-103	Interpersonal Communication	3
CSCR-116	Integrative Career/Life Planning (formerly GUID-116)	3
AUD-142	Advanced Studio Recording I	3
AUD-180	Video Production I	3
DIG-181	Social Media Marketing (formerly DIG-581)	3
Units		15
Spring Semester 2		
MUS-109	World Music	3
AUD-546	Recording Music and Live Sound (formerly AUD-146)	3
AUD-183	Video Production II (formerly AUD-153)	3
AUD-145	Pro Tools 110 (formerly Midi & Computer Recording)	3
Select one of the following:		3
AUD-148	Radio Production	
MUS-101	Music Fundamentals	
MUS-103	Music Theory I	
Units		15
Total Units		61

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Audio Technology Courses		18
Audio Technology Electives		6
Electives (as needed to reach 60 units)		
Course	Title	Credits
Required Courses		
AUD/MUS-140	Beginning Studio Recording	3
AUD/MUS-141	Intermediate Studio Recording	3
AUD/MUS-142	Advanced Studio Recording I	3
AUD/MUS-143	Pro Tools 101 (formerly Computer Audio Editing)	3
AUD/MUS-145	Pro Tools 110 (formerly Midi & Computer Recording)	3
AUD/MUS-546	Recording Music and Live Sound (formerly AUD-146)	3
Elective Courses		6
AUD/BADM/ MUS-147	The Music & Audio Business	
AUD-148	Radio Production	
AUD-180/DIG-190	Video Production I	

MUS-101 or MUS-103	Music Fundamentals Music Theory I	
Total Units		24

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Audio Technology Certificate

Receive a certificate for hands-on and theoretical approach to audio technologies.

CT.MUS.AT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
AUD-140	Beginning Studio Recording	3
AUD-143	Pro Tools 101 (formerly Computer Audio Editing)	3
Units		6
Spring Semester 1		
AUD-141	Intermediate Studio Recording	3
AUD-145	Pro Tools 110 (formerly Midi & Computer Recording)	3
Select one of the following:		3
AUD-180	Video Production I	
AUD-148	Radio Production	
MUS-101	Music Fundamentals	
Units		9
Fall Semester 2		
AUD-142	Advanced Studio Recording I	3

AUD-546 or AUD-147	Recording Music and Live Sound (formerly AUD-146) or The Music & Audio Business	3
Select one of the following:		3
AUD-148	Radio Production	
MUS-101	Music Fundamentals	
MUS-103	Music Theory I	
Units		9
Total Units		24

Requirements

Course	Title	Credits
Required Courses		
AUD/MUS-140	Beginning Studio Recording	3
AUD/MUS-141	Intermediate Studio Recording	3
AUD/MUS-142	Advanced Studio Recording I	3
AUD/MUS-143	Pro Tools 101 (formerly Computer Audio Editing)	3
AUD/MUS-145	Pro Tools 110 (formerly Midi & Computer Recording)	3
AUD-546	Recording Music and Live Sound (formerly AUD-146)	3
Subtotal		18
Elective Courses		
AUD/BADM/ MUS-147	The Music & Audio Business	
AUD-148	Radio Production	
AUD-180/DIG-190	Video Production I	
MUS-101 or MUS-103	Music Fundamentals Music Theory I	
Subtotal		6
Total Units		24

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Audio Technology

Gainful Employment Disclosures – 2021

Program Name AUDIO TECHNOLOGY

This program is designed to be completed in 8 months.

This program will cost \$828 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$ 0 of debt. The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Automotive/Transportation Technology

Program Description

The Automotive Technology program is designed to give students the knowledge and skills that they will need in order to be successful in the high-tech automotive repair shop of tomorrow. Our experienced instructors provide real-world knowledge and hands-on practice in performing automotive diagnosis, repair, and maintenance. We place special emphasis on preparing our students to begin or advance their careers by becoming certified Master Automobile Technicians and Advanced Level Specialists in the rapidly changing field of modern transportation technologies.

Automotive/Transportation Department Page (<https://www.msjc.edu/automotivetransportationtechnology/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students

are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)

1-800-624-5561

Robert Pensiero (951) 487-3513

rpensiero@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Robert Pensiero (951) 487-3513

rpensiero@msjc.edu

Degrees/Certificates

Degrees

Non-Transfer Degree

- Automotive Technology, A.S. (p. 164)

Certificate

- Automotive/Transportation Technology Certificate (p. 163)

Employment Concentrations

- Engine Performance Technician Employment Concentration (p. 165)
- General Certification Technician Employment Concentration (p. 165)
- General Technician Employment Concentration (p. 166)

Program Learning Outcomes

- Pass all eight areas in the ASE certification.
- Complete all NATEF (National Automotive Technician Education Foundation) task sheets.
- Prepare to enter the workforce in the automotive industry

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Automotive Engineering Technician (C, A, B)	\$41,233-\$64,783	445
First Line Supervisor of Mechanics, Installers (SM, C, A)	\$44,410-\$73,858	4,296

Electrical & Electronics Installers & Repairers Transportation(C)	\$53,971-\$80,416	171
Electronic Equipment Installers-Motor Vehicles (C)	\$23,831-\$45,088	172
Automotive Master Mechanics (SM, C)	\$24,391-\$61,763	8,460
Tire Repairers and Changers (C)	\$23,401-\$46,574	1,350
Maintenance & Repair Workers, General (SM, C)	\$25,444-\$67,295	17,075
Transportation Vehicle, Equipment & Systems Inspectors (SM, C)	\$37,171-\$117,021	442
Cleaners of Vehicles & Equipment (SM)	\$22,532-\$36,205	9367

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Automotive/Transportation Technology Certificate

Automotive Technology is a career oriented non-transfer occupational program that prepares students to work on today's highly Computerized repair shop and provide the background for career advancement in the automotive industry. Students get hands-on training and instruction in automotive diagnosis, repair and maintenance. Our Automotive Technology program prepares students for employment in many areas of the automotive industry including dealerships, independent garages, fleet shop, service stations and specialty shops.

CT.AUME

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
AUME-700	Basic Auto Mechanics (formerly AUME-072)	4
AUME-780	Automotive Electrical/Electronics I (formerly AUME-096)	4
Units		8
Spring Semester 1		
AUME-771	Automotive Brake Systems (formerly AUME-095)	4

AUME-790	Engine Performance I (formerly AUME-087)	4
AUME-770	Automotive Suspension, Steering and Alignment Systems (formerly AUME-120)	4
Units		12
Total Units		20

Requirements

Course	Title	Credits
Required Courses		
AUME-700	Basic Auto Mechanics (formerly AUME-072)	4
AUME-770	Automotive Suspension, Steering and Alignment Systems (formerly AUME-120)	4
AUME-771	Automotive Brake Systems (formerly AUME-095)	4
AUME-780	Automotive Electrical/Electronics I (formerly AUME-096)	4
AUME-790	Engine Performance I (formerly AUME-087)	4
Total Units		20

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Automotive Transportation Technology

Gainful Employment Disclosures – 2021

Program Name AUTOMOTIVE/TRANSPORTATION TECHNOLOGY

This program is designed to be completed in 8 months.

This program will cost \$920 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$ 0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Automotive Technology, A.S.

In addition to the 20 units of the certificate program in Automotive/Transportation Technology, students must also complete all MSJC General Education Option A requirements (a total of 60 units) for the Associate of Science degree in Automotive/Transportation Technology.

AS.AUME

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

Course	Title	Units
Fall Semester 1		
AUME-700	Basic Auto Mechanics (formerly AUME-072)	4
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-140	Introduction to Statistics	3
CSCR-100	College Success and Career Readiness (formerly GUID-100 College Success)	3
Units		14
Spring Semester 1		
AUME-771	Automotive Brake Systems (formerly AUME-095)	4
AUME-770	Automotive Suspension, Steering and Alignment Systems (formerly AUME-120)	4
HIST-112	U.S. History Since 1865	3
COMM-103	Interpersonal Communication	3

SOCI-101	Principles of Sociology	3
Units		17
Fall Semester 2		
AUME-790	Engine Performance I (formerly AUME-087)	4
AUME-780	Automotive Electrical/Electronics I (formerly AUME-096)	4
SPAN-101	Elementary Spanish I	4
SOCI-115 or ANTH-102	Contemporary Chicano in Society or Cultural Anthropology	3
Units		15
Spring Semester 2		
PE-110	Prevention and Care of Athletic Injuries	3
CHEM-100	Introduction to Chemistry	4
ENGL-103	Critical Thinking and Writing	3
AUME-800	Introduction to Hybrid and Electric Vehicle Technology (formerly AUME-084)	3
AUME-549	Cooperative Work Experience: Automotive and Transportation Technologies (formerly AUME-149)	1
Units		14
Total Units		60

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Courses		20
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		
AUME-700	Basic Auto Mechanics (formerly AUME-072)	4
AUME-770	Automotive Suspension, Steering and Alignment Systems (formerly AUME-120)	4
AUME-771	Automotive Brake Systems (formerly AUME-095)	4
AUME-780	Automotive Electrical/Electronics I (formerly AUME-096)	4
AUME-790	Engine Performance I (formerly AUME-087)	4
Total Units		20

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.

- Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Engine Performance Technician Employment Concentration

Successful completion of this employment concentration award will give the student the basic skills necessary to enter the automotive repair industry.

ECC.AUME.ENG.PERF

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- Starting in Spring?** Choose Fall Semester 1 courses.
- Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
AUME-790	Engine Performance I (formerly AUME-087)	4
AUME-780	Automotive Electrical/Electronics I (formerly AUME-096)	4
Units		8
Spring Semester 1		
AUME-791	Engine Performance II (formerly AUME-088)	4
AUME-781	Automotive Electrical/Electronics II (formerly AUME-097)	4
AUME-800	Introduction to Hybrid and Electric Vehicle Technology (formerly AUME-084)	3
Units		11
Total Units		19

Requirements

Course	Title	Credits
Required Courses		
AUME-791	Engine Performance II (formerly AUME-088)	4
AUME-781	Automotive Electrical/Electronics II (formerly AUME-097)	4
AUME-800	Introduction to Hybrid and Electric Vehicle Technology (formerly AUME-084)	3
Total Units		11

Career Exploration

Discover information about careers that interest you!

- Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
- Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
- Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

General Certification Technician Employment Concentration

Prepares student for entry level employment in the Automotive Industry.

ECC.AUME.GCT

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- Starting in Spring?** Choose Fall Semester 1 courses.
- Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
AUME-720	Basic Maintenance Light Repair I (MLR) (formerly AUME-089)	4
Units		4
Spring Semester 1		
AUME-721	Basic Maintenance Light Repair II (MLR) (formerly AUME-090)	4
Units		4
Fall Semester 2		
AUME-722	Maintenance Light Repair III (MLR) (formerly AUME-091)	3
Units		3
Total Units		11

Requirements

Course	Title	Credits
Required Courses		
AUME-720	Basic Maintenance Light Repair I (MLR) (formerly AUME-089)	4

AUME-721	Basic Maintenance Light Repair II (MLR) (formerly AUME-090)	4
AUME-722	Maintenance Light Repair III (MLR) (formerly AUME-091)	3
Total Units		11

Career Exploration

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3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

General Technician Employment Concentration

Successful completion of this employment concentration award will give the student the basic skills necessary to enter the automotive repair industry.

ECC.AUME.GENTECH

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
AUME-760	Automatic Transmissions & Transaxles (formerly AUME-070A)	4
AUME-761	Manual Transmissions & Transaxles (formerly AUME-070B)	4
AUME-700	Basic Auto Mechanics (formerly AUME-072)	4
Units		12
Spring Semester 1		
AUME-750	Automotive Engine Theory and Repair (Bottom End) (formerly AUME-092A)	3
Units		3

Fall Semester 2		
AUME-751	Automotive Engine Theory and Repair (Upper End) (formerly AUME-092B)	3
Units		3
Total Units		18

Requirements

Course	Title	Credits
Required Courses		
AUME-750	Automotive Engine Theory and Repair (Bottom End) (formerly AUME-092A)	3
AUME-751	Automotive Engine Theory and Repair (Upper End) (formerly AUME-092B)	3
AUME-760	Automatic Transmissions & Transaxles (formerly AUME-070A)	4
AUME-761	Manual Transmissions & Transaxles (formerly AUME-070B)	4
Total Units		14

Career Exploration

Discover information about careers that interest you!

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2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Aviation Science

Program Description

A degree in Aviation Science from Mt San Jacinto College is guaranteed to take you places. MSJC's program prepares students to become professional pilots or flight operations specialists. The program can be tailored to meet the needs of individual students and is designed for students without any flying experience.

Professional Pilot courses will provide students with the opportunity to gain the licenses and ratings needed to be employed as an FAA Certified Flight Instructor. Typically the program takes approximately 20 months of instruction and flight training before students are able to get their first job as a flight instructor. Students can be working as a pilot before they complete their college degree. The courses will be created as hybrid offerings and will be available both online and face-to-face.

Mt. San Jacinto College's Professional Pilot Program will be small and personal enough to allow students to truly know their professors and flight training staff by name. MSJC will offer a unique experience where genuine relationships can be built on students and faculty. MSJC will provide flight school students with a personalized learning environment that will lead to career opportunities as an aviator. Airplane and helicopter

pilots are in high demand worldwide. Professional pilots with the right educational background are able to compete for the best aviation jobs anywhere in the world. This collaborative approach is extremely important when it comes to flight training and career placement. It means more hands-on flight training experience combined with the personal mentorship of the best trainers in the aviation industry. Due to the intimate nature of the program, our students will graduate ready for a career in aviation.

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Degrees/Certificates

Degrees

Non-Transfer Degree

- Aviation Science, A.S. (p. 167)

Certificate

- Certified Flight Instructor Certificate (p. 168)
- Commercial Pilot Certificate (p. 169)

Note: These are new Certificates with Federal Financial Aid eligibility anticipated Spring 2022.

Program Learning Outcomes

- Follow applicable Federal Aviation Regulations (FARs)
- Verify aeronautical knowledge by selecting the appropriate response to questions and scenarios.
- Operate aircraft safely and efficiently.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Commercial Pilot (SM, C, B)	\$92,750	364
Airline Pilots, Copilots, and Flight Engineers (C, B, M)	\$164,124	931

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Aviation Science, A.S.

This is an Associate of Science Degree in Aviation Science program. The program's goal is to prepare students for a career as a Certified Flight Instructor (CFI). The program's objectives are to prepare each student to meet the Federal Aviation Authority's (FAA) requirements for flight training and aeronautical knowledge for a Certified Flight Instructor.

AS.AVIA

Program Maps

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

Course	Title	Units
Fall Semester 1		
AVIA-700	Aviation Orientation	1
AVIA-503	Private Pilot	4.5
ENGL-101	College Composition (formerly Freshman Composition)	4
CSCR-116	Integrative Career/Life Planning (formerly GUID-116)	3
PS-101	Introduction to American Government and Politics	3
Units		15.5
Spring Semester 1		
AVIA-500	Aviation Weather	3
AVIA-505	Instrument Rating	4.5
MATH-140	Introduction to Statistics	3
ENGL-103	Critical Thinking and Writing	3
GEOG-111	Geography of California	3
Units		16.5
Fall Semester 2		
AVIA-507	Commercial Pilot	6
GEOG-101	Physical Geography	3
COMM-103	Interpersonal Communication	3
GEOG-104	Physical Geography Lab	1

BADM-103	Introduction to Business	3
Units		16
Spring Semester 2		
AVIA-710	Certified Flight Instructor	4.5
ANTH-102	Cultural Anthropology	3
BADM-201 or GEOG-105	Legal Environment of Business or Map Interpretation and Spatial Analysis	3
PHIL-105	Introduction to Ethics	3
Units		13.5
Total Units		61.5

Note: Flight hours and cost to be factored in when considering this program. Please see a counselor.

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Aviation Courses		23.5
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		
AVIA-503	Private Pilot	4.5
AVIA-505	Instrument Rating	4.5
AVIA-500	Aviation Weather	3
AVIA-507	Commercial Pilot	6
AVIA-700	Aviation Orientation	1
AVIA-710	Certified Flight Instructor	4.5
Total Units		23.5

Career Exploration

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3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Certified Flight Instructor Certificate

This is a Certificate of Achievement in Aviation Science program. The program's goal is to prepare students for a career as a Certified Flight

Instructor (CFI). The program's objectives are to prepare each student to meet the Federal Aviation Authority's (FAA) requirements for flight training and aeronautical knowledge for a Certified Flight Instructor.

CT.AVIA.CFI

Note: This is a new Certificate with Federal Financial Aid eligibility anticipated Spring 2022.

Program Maps

Design Your Future!

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- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
AVIA-700	Aviation Orientation	1
AVIA-503	Private Pilot	4.5
Units		5.5
Spring Semester 1		
AVIA-500	Aviation Weather	3
AVIA-505	Instrument Rating	4.5
Units		7.5
Fall Semester 2		
AVIA-507	Commercial Pilot	6
Units		6
Spring Semester 2		
AVIA-710	Certified Flight Instructor	4.5
Units		4.5
Total Units		23.5

Note: Flight hours and cost to be factored in when considering this program. Please see a counselor.

Requirements

Course	Title	Credits
Required Courses		
AVIA-503	Private Pilot	4.5
AVIA-505	Instrument Rating	4.5
AVIA-500	Aviation Weather	3
AVIA-507	Commercial Pilot	6
AVIA-700	Aviation Orientation	1
AVIA-710	Certified Flight Instructor	4.5
Total Units		23.5

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Certified Flight Instructor

Gainful Employment Disclosures – 2021

Program Name CERTIFIED FLIGHT INSTRUCTOR

This program is designed to be completed in 8 months.

This program will cost \$1,104 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Commercial Pilot Certificate

The program's goal is to prepare students for careers as professional pilots. The program's objectives are to prepare each student to meet the Federal Aviation Authority's (FAA) requirement for flight training and aeronautical knowledge for a Commercial Pilot.

CT.AVIA.CP

Note: This is a new Certificate with Federal Financial Aid eligibility anticipated Spring 2022.

Program Maps Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
AVIA-700	Aviation Orientation	1
AVIA-503	Private Pilot	4.5
Units		5.5
Spring Semester 1		
AVIA-500	Aviation Weather	3
AVIA-505	Instrument Rating	4.5
Units		7.5
Fall Semester 2		
AVIA-507	Commercial Pilot	6
Units		6
Total Units		19

Note: Flight hours and cost to be factored in when considering this program. Please see a counselor.

Requirements

Course	Title	Credits
Required Courses		
AVIA-503	Private Pilot	4.5
AVIA-505	Instrument Rating	4.5
AVIA-500	Aviation Weather	3
AVIA-507	Commercial Pilot	6
AVIA-700	Aviation Orientation	1
Total Units		19

Career Exploration

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3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer.

The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Commercial Pilot

Gainful Employment Disclosures – 2021

Program Name COMMERCIAL PILOT

This program is designed to be completed in 8 months.

This program will cost \$874 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Biology

Program Description

View on YouTube (<https://www.youtube.com/watch?v=kIMlqOb4ER8>)

Biology will change your life because you will learn about yourself and the world around you. Biologists study how humans, animals and other organisms function and interact. It is essential for understanding the facts about topics such as vaccines, climate change, and genetically modified organisms. This will help you make more informed decisions about things that greatly impact you and your loved ones. Biology is required for medical and environmental careers.

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for

transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)

1-800-452-3335

Michael Plotkin (951) 487-3730

mplotkin@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Nick Reeves (951) 639-5735

nreeves@msjc.edu

Degrees/Certificates

Degrees

Transfer Degrees

- Biology, A.S.-T (p. 171)

Program Learning Outcomes

- Explore the ethical and social considerations inherent in biology.
- Think critically about issues using their understanding of biology.
- Achieve basic literacy in the language of biology.
- Explain and appreciate the cycling of matter and the flow of energy in living systems.
- Explore and appreciate the facts and principles concerning heredity, variation and diversity, the cell, evolution and natural selection.
- Explain and appreciate how scientific knowledge is obtained and verified.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Physicians & Surgeons (D)	\$190,238/\$234,38	508/152
Dentists (D)	\$140,555	749

Post-secondary Teachers (M+)	\$77,729	8,832
Registered Nurses (B+)	\$103,628	18,403

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Biology, A.S.-T

An A.S.-T in Biology for Transfer will fulfill the requirements for students to transfer to a CSU institution as a Biology major. The courses in the A.S.-T in Biology for Transfer provide students with an intensive modern biology study designed to prepare students for upper-division science courses. Topics include the biochemistry, genetics, biodiversity, anatomy, physiology, and ecology of cells and organisms in an evolutionary context. Students will apply their understanding of biology concepts in the laboratory to develop an understanding of the methods of scientific inquiry, experimental design, and analysis of results.

AS.BIOL.OPTBAST or AS.BIOL.OPTCAST

Program Map Design Your Future!

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- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-211	Analytic Geometry and Calculus I	4
BIOL-150	General Biology I	4
COMM-100	Public Speaking	3
Units		15
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
MATH-212	Analytic Geometry and Calculus II	4
ENVS-101	Environmental Science	3
BIOL-151	General Biology II	4
Units		14
Summer 1		
STEM ONLY		
PS-101	Introduction to American Government and Politics	3
Units		3
Fall Semester 2		
PHIL-101 or HIST-102	Introduction to Philosophy I or Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)	3

PHY-201	Mechanics and Wave Motion	4
CHEM-101	General Chemistry I	5
ART-108	Beginning Drawing	3
Units		15
Spring Semester 2		
PHY-202	Electricity and Magnetism	4
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
PS-103	Ethnic Politics in America	
HIST-112	U.S. History Since 1865	3
CHEM-102	General Chemistry II	5
Units		15
Total Units		62

Recommended: Students should take courses the summer before the Fall start of the semester.

CSUSM: The Mission of the Department of Biological Sciences is to provide students a top-rate education in the biological sciences. Central to our goal is the incorporation of a laboratory-rich experience linked to traditional and innovative classroom pedagogy and technology. This combination of laboratory and classroom activities engages students in the processes of biological inquiry and critical thinking, provides students hands-on experiences with biological principles, and trains students in modern technological methods. Students completing our program are well educated in the practice and knowledge of science and are well prepared to be productive members of society.

UC: General Education Option C

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-211	Analytic Geometry and Calculus I	4
COMM-100	Public Speaking	3
CHEM-101	General Chemistry I	5
Units		16
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
BIOL-150	General Biology I	4
MATH-212	Analytic Geometry and Calculus II	4
CHEM-102	General Chemistry II	5
Units		16
Summer 1		
STEM ONLY		
PS-101	Introduction to American Government and Politics	3
SPAN-101 or FREN-101 or ASL-100	Elementary Spanish I or Elementary French I or American Sign Language I	4
Units		7
Fall Semester 2		
BIOL-151	General Biology II	4

PHY-201	Mechanics and Wave Motion	4
CHEM-112	Organic Chemistry I	5
ART-100	Art Appreciation	3
Units		16

Spring Semester 2

HIST-107 or HIST-117 or HIST-140	The History of East Asia Before 1600 or History of India or History of Mexico	3
PHY-202	Electricity and Magnetism	4
CHEM-113	Organic Chemistry II	5
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
Units		15
Total Units		70

Recommended: Students should take courses the summer before the Fall start of the semester.

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Requirements

Course	Title	Credits
Required Core Courses		
BIOL-150 or BIOL-150H	General Biology I Honors General Biology I	4
BIOL-151 or BIOL-151H	General Biology II Honors General Biology II	4

List A

All the following courses:		22
CHEM-101	General Chemistry I	
CHEM-102	General Chemistry II	
MATH-211	Analytic Geometry and Calculus I	
PHY-201	Mechanics and Wave Motion	
PHY-202 or PHY-202H	Electricity and Magnetism Honors Electricity and Magnetism	

List B: Select one

Select any course from List A not used above or the following:		3-5
CHEM-107	Chemistry of Life	
CHEM-112	Organic Chemistry I	
CHEM-113	Organic Chemistry II	
MATH-140	Introduction to Statistics	
PHY-101	Basic Physics: Energy and Motion	
PHY-102	Basic Electricity and Modern Physics	
Total Units		33-35

Course	Title	Credits
Units for Major		33-35
CSU General Education for STEM or IGETC for STEM		31-33

Possible double counting: 13

Transferable Electives (as need to reach 60 CSU transferable units)

Total Units for A.S.-T Degree: 60 units

The STEM General Education for a **STEM Associates Degree for Transfer (ADT)** can **only** be applied to the **Biology, Chemistry and Environmental Science ADT Degrees**.

The overall requirements for an approved STEM Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education Breadth for STEM (CSUGE) requirements or the Intersegmental General Education Transfer Curriculum for STEM requirements (IGETC).
 - **CSUGE Breadth for STEM (33 units):** Students are to complete all CSUGE requirements. However, the CSUGE for STEM requires 6 semester units/9 quarter units from AREA C by selecting one course from C1 and one course from C2. Students are also to complete 6 semester units/ 9 quarter units from AREA D by selecting two courses from two different disciplines.
 - **IGETC for STEM (31 units):** Students are to complete all IGETC requirements. However, the IGETC for STEM requires 6 semester units/9 quarter units from AREA 3 by selecting one course from 3A and one course from 3B. Students are also to complete 6 semester units/9 quarter units from AREA 4 by selecting two courses from two different disciplines.
- Students are to confirm that the CSU or UC major/program or college they are applying to accepts partial CSUGE and IGETC certification. Although CSUGE and IGETC for STEM is an option, it is important that students prioritize completing major-preparation courses for the specific campuses and programs students are considering.
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

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The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Business/Business Administration

Program Description

Business Administration degrees are among the most popular college programs in the United States and with good reason. Equipped with a versatile degree, students can potentially launch a career in any industry, from marketing to manufacturing, accounting to analytics. With a two-year Associate degree, students find employment as a project manager or information system analyst or jump into the role of an office manager or a small business owner. With a Bachelor's degree in business administration, students qualify for vital roles in private, public, and nonprofit organizations. Students will be prepared to work across industries as a business analyst, human resources generalist, operations manager, or marketing specialist. Some Business Administration graduates also venture into entrepreneurship, creating their own successful enterprises from the ground up.

Business/Business Administration Department Page (<https://www.msjc.edu/businessadministration/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)

1-800-624-5561

Larry Barraza (951) 487-3525

lbarraza@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Caren Hennessy (951) 639-5526

chennessy@msjc.edu

Gloria Sanchez (951) 639-5520

gsanchez@msjc.edu

Degrees/Certificates

Degrees

Transfer Degree

- Business Administration, A.S.-T (p. 173)

Non-Transfer Degree

- Business Administration, A.S. (p. 176)

Certificates

- Accounting Certificate (p. 177)
- Business Administration Certificate (p. 178)
- Small Business/Entrepreneurship Certificate (p. 179)

Employment Concentrations

- Business Information Analysis Employment Concentration (p. 181)
- Project Management Concentration Employment Concentration (p. 181)

Also see Management (p. 285)

Program Learning Outcomes

- Communicate effectively through appropriate modes of communication (listening, speaking, reading, writing) as they pertain to the business environment with emphasis on the use of computer technology.
- Analyze data to determine relevant information needed to produce reports, visual presentations, and other business documents.
- Identify and solve business problems, assess results, and determine alternative courses of action.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
General and Operations Manager (B)	\$51,995-\$112,756	25,233
Management Analyst (B, M)	\$51,748-\$82,075	12,889
Financial Adviser (B, M)	\$49,908-\$100,780	2,912
Administrative Services Managers (SM, B)	\$60,593-\$103,151	3,716

(*degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate*)

Business Administration, A.S.-T

An Associate in Science degree in Business Administration for Transfer will fulfill the requirements for students to transfer to a four-year college or university as a Business Administration major.

AS.BADM.OPTBAST and AS.BADM.OPTCAST

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
MATH-105	College Algebra	4
ENGL-101	College Composition (formerly Freshman Composition)	4
MUS-108	History of Jazz and Blues	3
BADM-103	Introduction to Business	3
COMM-100	Public Speaking	3
Units		17
Spring Semester 1		
MATH-135	Calculus for Social Science and Business	3
BADM-201	Legal Environment of Business	3
ACCT-124	Financial Accounting - Principles of Accounting I	3
BIOL-100 or BIOL-115	Human Biology or Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
ENGL-103 or PHIL-112	Critical Thinking and Writing or Critical Thinking and Composition	3
Units		16
Fall Semester 2		
ACCT-125	Managerial Accounting-Principles of Accounting II	3
MATH-140	Introduction to Statistics	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
PSYC-101	Introduction to Psychology	3
ECON-201	Principles of Macroeconomics	3
Units		16
Spring Semester 2		
ENVS-100	Humans and Scientific Inquiry	3
Select one of the following:		3
HIST-111	U.S. History to 1877	
HIST-112	U.S. History Since 1865	
PS-101	Introduction to American Government and Politics	
PHIL-101	Introduction to Philosophy I	3
Select one of the following:		3

HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
ECON-202	Principles of Microeconomics	3
Units		15
Total Units		64

NOTE: Upper-division finance courses after transfer may require a MATH-105 College Algebra as a prerequisite.

CSUSM: General Education Option B

Course	Title	Units
Fall Semester 1		
MATH-135	Calculus for Social Science and Business	3
ENGL-101	College Composition (formerly Freshman Composition)	4
MUS-108	History of Jazz and Blues	3
BADM-103	Introduction to Business	3
COMM-100	Public Speaking	3
Units		16
Spring Semester 1		
MATH-140	Introduction to Statistics	3
PSYC-101	Introduction to Psychology	3
ACCT-124	Financial Accounting - Principles of Accounting I	3
BADM-104	Business Communications	3
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
Units		15
Summer 1		
Select one of the following:		3
HIST-111	U.S. History to 1877	
HIST-112	U.S. History Since 1865	
PS-101	Introduction to American Government and Politics	
Units		3
Fall Semester 2		
ACCT-125	Managerial Accounting-Principles of Accounting II	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
BIOL-100	Human Biology	4
ECON-201	Principles of Macroeconomics	3
Units		14
Spring Semester 2		
ENVS-100	Humans and Scientific Inquiry	3
BADM-201	Legal Environment of Business	3
PHIL-101	Introduction to Philosophy I	3
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	

LIT-280	Multiethnic Literature (formerly ENGL-280)	
ECON-202	Principles of Microeconomics	3
	Units	15
	Total Units	63

UC: General Education Option C

Course	Title	Units
Fall Semester 1		
MATH-135	Calculus for Social Science and Business	3
ENGL-101	College Composition (formerly Freshman Composition)	4
MUS-108	History of Jazz and Blues	3
BADM-103	Introduction to Business	3
COMM-100	Public Speaking	3
	Units	16
Spring Semester 1		
MATH-140	Introduction to Statistics	3
ENVS-100	Humans and Scientific Inquiry	3
ACCT-124	Financial Accounting - Principles of Accounting I	3
CSIS-101	Introduction to Computers and Data Processing	3
ENGL-103	Critical Thinking and Writing	3
	Units	15
Fall Semester 2		
ACCT-125	Managerial Accounting-Principles of Accounting II	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
BIOL-100	Human Biology	4
ECON-201	Principles of Macroeconomics	3
	Units	14
Spring Semester 2		
PHIL-101	Introduction to Philosophy I	3
BADM-201	Legal Environment of Business	3
Select one of the following:		4
SPAN-102	Elementary Spanish II	
FREN-102	Elementary French II	
ASL-101	American Sign Language II	
PSYC-101	Introduction to Psychology	3
ECON-202	Principles of Microeconomics	3
	Units	16
	Total Units	61

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Requirements

Course	Title	Credits
Required Core Courses		
Select five of the following:		15
ACCT-124	Financial Accounting - Principles of Accounting I	
or ACCT-124H	Honors Financial Accounting - Principles of Accounting I	
ACCT-125	Managerial Accounting-Principles of Accounting II	
or ACCT-125H	Honors Managerial Accounting - Principles of Accounting II	
BADM-201	Legal Environment of Business	
ECON-201	Principles of Macroeconomics	
or ECON-201H	Honors Principles of Macroeconomics	
ECON-202	Principles of Microeconomics	
or ECON-202H	Honors Principles of Microeconomics	
List A: Select one		
MATH-135	Calculus for Social Science and Business	3
or MATH-140	Introduction to Statistics	
List B: Select two		
Any course from List A not already used above can be selected.		6
BADM-103	Introduction to Business	
or BADM-103H	Honors Introduction to Business	
CSIS-101	Introduction to Computers and Data Processing	
	Total Units	24

Course	Title	Credits
Units for Major		
CSU General Education or IGETC Pattern (p. 97)		37-39
Possible double counting: 9 units		
Transferable Electives (as needed to reach 60 CSU transferable units)		

Total Units for A.S.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet

with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Business Administration, A.S.

The Business Department offers a non-transfer Associate degree in Business Administration structured around a set of core courses enabling students to develop a general business perspective and skills. The program offers students the knowledge and skills necessary to understand the changing global and domestic business environment and to prepare students for success in their professional careers. The 18 units in the major plus all MSJC General Education Option A requirements (for a total of 60 units) is required to earn a non-transfer Associate in Science degree in Business Administration.

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Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

Course	Title	Units
Fall Semester 1		
BADM-103	Introduction to Business	3
ENGL-101	College Composition (formerly Freshman Composition)	4
ART-104	World Art	3
CSCR-100	College Success and Career Readiness (formerly GUID-100 College Success)	3
COMM-100	Public Speaking	3
Units		16

Spring Semester 1

ACCT-124	Financial Accounting - Principles of Accounting I	3
ECON-201	Principles of Macroeconomics	3
PS-101	Introduction to American Government and Politics	3
MGT-500	Introduction to Management (formerly MGT-103)	3
MATH-140	Introduction to Statistics	3
Units		15

Fall Semester 2

ACCT-125	Managerial Accounting-Principles of Accounting II	3
BADM-104	Business Communications	3
ECON-202	Principles of Microeconomics	3
ENVS-100	Humans and Scientific Inquiry	3
MGT-520	Principles of Marketing Management (formerly MGT-205)	3
Units		15

Spring Semester 2

BADM-201	Legal Environment of Business	3
MGT-760	Elements of Supervision (formerly MGT-098)	3
BADM-530	Small Business Entrepreneurship (formerly BADM-150)	3
PHIL-105	Introduction to Ethics	3
MGT-505	Organizational Behavior (formerly MGT-108)	3
Units		15
Total Units		61

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Business Administration Courses		15
Business Administration Electives		3
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		
ACCT-124	Financial Accounting - Principles of Accounting I	3
or ACCT-124H	Honors Financial Accounting - Principles of Accounting I	
ECON-201	Principles of Macroeconomics	3
or ECON-201H	Honors Principles of Macroeconomics	
Additional Required Courses		
Select three of the following:		9
BADM-103	Introduction to Business	
or BADM-103H	Honors Introduction to Business	

BADM-201	Legal Environment of Business
MGT-500	Introduction to Management (formerly MGT-103)
MGT-520	Principles of Marketing Management (formerly MGT-205)
Electives	
Select one of the following: 3	
ACCT-125	Managerial Accounting-Principles of Accounting II
or ACCT-125H	Honors Managerial Accounting - Principles of Accounting II
ACCT-628	Federal Income Tax Accounting (formerly ACCT-128)
BADM-104	Business Communications
or BADM-104H	Honors Business Communications
BADM-530	Small Business Entrepreneurship (formerly BADM-150)
ECON-202	Principles of Microeconomics
or ECON-202H	Honors Principles of Microeconomics

Total Units 18

Career Exploration

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2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Accounting Certificate

The Accounting Certificate is designed to prepare students for entry-level positions in accounting in public and private sector areas in industry such as small business, public accounting, financial service, wholesale trades, government and nonprofit. The student will have an understanding of fundamental accounting and business concepts and gain valuable skills needed in the evolving and competitive job market. Entry-level opportunities include but not limited to positions in accounts receivable/payable, general bookkeeping and accounting, payroll, income tax preparation, cost accounting, and a number of trainee/internship positions. This certificate also provides a path to higher level education. The Accounting Certificate requires the completion of 24-27 units of which 18 are in required courses. Additional 6-9 units must be chosen from a list of selective courses. The certificate will take at least one to two years to complete.

CT.ACCT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
ACCT-777	QuickBooks Accounting (formerly ACCT-077)	3
ACCT-124	Financial Accounting - Principles of Accounting I	3
ACCT-626	Computerized Accounting (formerly ACCT-126)	3
BADM-103	Introduction to Business	3
Units		12
Spring Semester 1		
ACCT-125	Managerial Accounting-Principles of Accounting II	3
ACCT-628	Federal Income Tax Accounting (formerly ACCT-128)	3
BADM-201	Legal Environment of Business	3
ECON-201	Principles of Macroeconomics	3
Units		12
Total Units		24

Requirements

Course	Title	Credits
Required Courses		
ACCT-124	Financial Accounting - Principles of Accounting I	3
or ACCT-124H	Honors Financial Accounting - Principles of Accounting I	
ACCT-125	Managerial Accounting-Principles of Accounting II	3
or ACCT-125H	Honors Managerial Accounting - Principles of Accounting II	
ACCT-626	Computerized Accounting (formerly ACCT-126)	3
ACCT-628	Federal Income Tax Accounting (formerly ACCT-128)	3
ACCT-777	QuickBooks Accounting (formerly ACCT-077)	3
BADM-103	Introduction to Business	3
or BADM-103H	Honors Introduction to Business	
Subtotal		18
Elective Courses		
Select 6-9 units of the following:		6-9
BADM-104	Business Communications	

or BADM-104H	Honors Business Communications	
BADM-530	Small Business Entrepreneurship (formerly BADM-150)	
BADM-201	Legal Environment of Business	
ECON-201	Principles of Macroeconomics	
or ECON-201H	Honors Principles of Macroeconomics	
Subtotal		6-9
Total Units		24-27

Career Exploration

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3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Business Administration Accounting

Gainful Employment Disclosures – 2021

Program Name ACCOUNTING

This program is designed to be completed in 12 months.

This program will cost \$1,242 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$ 0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Business Administration Certificate

The Business Department offers a Certificate in Business Administration structured around a set of core courses enabling students to develop a general business perspective and skills. The program offers students the knowledge and skills necessary to understand the changing global and domestic business environment and to prepare students for success in their professional careers.

For individuals currently working within these listed fields, there may be potential for salary and/or career advancement: Top Executive, Chief Operating Officer, Budget Analyst, Chief Executive, Wholesale and Retail Buyer, Purchasing Agent (except wholesale, retail and farm products), Tax Preparer, Financial Specialist, Account Manager, Sales Manager, Sales Representative, Small Business Managers.

CT.BADM

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
ACCT-124	Financial Accounting - Principles of Accounting I	3
BADM-103	Introduction to Business	3
MGT-500	Introduction to Management (formerly MGT-103)	3
ECON-201	Principles of Macroeconomics	3
	Units	12
Spring Semester 1		
BADM-201	Legal Environment of Business	3
MGT-520	Principles of Marketing Management (formerly MGT-205)	3
ACCT-125	Managerial Accounting-Principles of Accounting II	3
ECON-202	Principles of Microeconomics	3
	Units	12
	Total Units	24

Requirements

Course	Title	Credits
Required Courses		
ACCT-124	Financial Accounting - Principles of Accounting I	3
or ACCT-124H	Honors Financial Accounting - Principles of Accounting I	
BADM-103	Introduction to Business	3
or BADM-103H	Honors Introduction to Business	
BADM-201	Legal Environment of Business	3
MGT-500	Introduction to Management (formerly MGT-103)	3
MGT-520	Principles of Marketing Management (formerly MGT-205)	3
Subtotal		15
Recommended Courses		
Select one of the following:		3
CAPP-122	Using Microsoft Excel	
CSIS-101	Introduction to Computers and Data Processing	
ECON-201	Principles of Macroeconomics	
or ECON-201H	Honors Principles of Macroeconomics	
Subtotal		3
Elective Courses		
Select two of the following:		6
ACCT-125	Managerial Accounting-Principles of Accounting II	
or ACCT-125H	Honors Managerial Accounting - Principles of Accounting II	
ACCT-626	Computerized Accounting (formerly ACCT-126)	
BADM-104	Business Communications	
or BADM-104H	Honors Business Communications	
BADM-530	Small Business Entrepreneurship (formerly BADM-150)	
BADM-535	Principles of Salesmanship (formerly BADM-157)	
ECON-202	Principles of Microeconomics	
or ECON-202H	Honors Principles of Microeconomics	
ENGR-505	Organizational Behavior (formerly ENGR-108)	
MGT-538	Personnel Management (formerly MGT-138)	
MGT-770	Productivity Management (formerly MGT-133)	
Subtotal		6
Total Units		24

Competency in English and math is required prior to completing the certificate. This may be accomplished by testing or completion of ENGL-098 Writing and Reading Fundamentals In English (formerly English Fundamentals) or ESL-098 Preparation for English Composition for Multilingual Students (formerly ESL-098W English Writing Fundamentals) and MATH-090 Elementary Algebra.

Career Exploration

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3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Business Administration

Gainful Employment Disclosures – 2021

Program Name BUSINESS ADMINISTRATION

This program is designed to be completed in 8 months.

This program will cost \$1,104 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$ 0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Small Business/Entrepreneurship Certificate

The Small Business/Entrepreneurship Certificate provides students with practical tools used in the small business environment. This certificate

focuses on the critical thinking, technical, and soft skills needed to operate and work in a small business. Coursework includes explaining the various business functions as well as preparing and presenting a business plan.

CT.BUS.SBE

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
BADM-103	Introduction to Business	3
BADM-104	Business Communications	3
BADM-530	Small Business Entrepreneurship (formerly BADM-150)	3
CAPP-122 or BADM-545	Using Microsoft Excel or Business Computer Applications (formerly BADM-097)	3
Units		12
Spring Semester 1		
BADM-201	Legal Environment of Business	3
MGT-520	Principles of Marketing Management (formerly MGT-205)	3
ACCT-124	Financial Accounting - Principles of Accounting I	3
ECON-201	Principles of Macroeconomics	3
Units		12
Total Units		24

Requirements

Course	Title	Credits
Required Courses		
ACCT-124 or ACCT-124H	Financial Accounting - Principles of Accounting I Honors Financial Accounting - Principles of Accounting I	3
BADM-103 or BADM-103H	Introduction to Business Honors Introduction to Business	3
BADM-104 or BADM-104H	Business Communications Honors Business Communications	3
BADM-201	Legal Environment of Business	3
BADM-530	Small Business Entrepreneurship (formerly BADM-150)	3
CAPP-122 or BADM-545	Using Microsoft Excel Business Computer Applications (formerly BADM-097)	3

ECON-201 or ECON-201H	Principles of Macroeconomics Honors Principles of Macroeconomics	3
MGT-520	Principles of Marketing Management (formerly MGT-205)	3
Total Units		24

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Business Administration

Gainful Employment Disclosures – 2021

Program Name SMALL BUSINESS/ENTREPRENEURSHIP

This program is designed to be completed in 8 months.

This program will cost \$1,104 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$ 0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Business Information Analysis Employment Concentration

Certificate classes must be completed within a two-year period to be valid. Certificate is valid for two years after issuance. Students must complete an employment concentration certificate application form (available in the Business Department office) after completion of all certificate classes in order to receive certificate.

The Business Information Analysis Employment Concentration is designed for students who want to explore business research and analytics. Students will develop critical thinking skills to identify business needs and then utilize technology to collect data to prepare reports in order to formulate and present an action plan.

ECC.BUS.BIA

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
BADM-103	Introduction to Business	3
BADM-545	Business Computer Applications (formerly BADM-097)	3
ECON-202	Principles of Microeconomics	3
MATH-140	Introduction to Statistics	3
Units		12
Total Units		12

Requirements

Course	Title	Credits
Required Courses		
BADM-103 or BADM-103H	Introduction to Business Honors Introduction to Business	3
BADM-545	Business Computer Applications (formerly BADM-097)	3
ECON-202 or ECON-202H	Principles of Microeconomics Honors Principles of Microeconomics	3
MATH-140	Introduction to Statistics	3
Total Units		12

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Project Management Concentration Employment Concentration

Certificate classes must be completed within a two-year period to be valid. Certificate is valid for two years after issuance. Students must complete an employment concentration certificate application form (available in the Business Department office) after completion of all certificate classes in order to receive certificate.

ECC.BUS.PM

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
MGT-500	Introduction to Management (formerly MGT-103)	3
CAPP-740	Using Microsoft Project (formerly CAPP-098)	3
Units		6
Spring Semester 1		
MGT-770	Productivity Management (formerly MGT-133)	3
Units		3
Total Units		9

Requirements

Course	Title	Credits
Required Courses		
CAPP-740	Using Microsoft Project (formerly CAPP-098)	3
MGT-500	Introduction to Management (formerly MGT-103)	3
MGT-770	Productivity Management (formerly MGT-133)	3
Total Units		9

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Business/Office Administration

Program Description

The Business Department is committed to providing a broad and flexible professional education. Recognizing the importance of office communications, office computer applications, records management, and virtual technology in the business community, these areas provide students with learning opportunities relevant to everyday business. For individuals currently working within these listed fields, there may be potential for salary and/or career advancement.

Business/Office Administration Department Page (<https://www.msjc.edu/officeadministration/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus
 (951) 487-MSJC (6752)
 1-800-624-5561
 Larry Barraza (951) 487-3525
 lbarraza@msjc.edu

Menifee Valley Campus
 (951) 672-MSJC (6752)
 1-800-452-3335
 Caren Hennessy (951) 639-5526
 chennessy@msjc.edu
 Gloria Sanchez (951) 639-5520
 gsanchez@msjc.edu

Degrees/Certificates

Degrees

Non-Transfer Degrees

- Office Administration, A.S. (p. 182)

Certificates

- Business, Clerical Certificate (p. 184)

Employment Concentrations

- Microsoft Applications Concentration Employment Concentration (p. 185)

Also see Management (p. 285)

Program Learning Outcomes

- Communicate effectively through appropriate modes of communication (listening, speaking, reading, writing) as they pertain to the business environment with emphasis on the use of computer technology.
- Analyze data to determine relevant information needed to produce reports, visual presentations, and other business documents.
- Identify and solve business problems, assess results, and determine alternative courses of action.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Office Administration, A.S.

The Associate in Science degree in Office Administration is a non-transfer degree designed to introduce students to the study of a wide range of subjects related to positions and careers in the evolving and modern office-like environment. This program provides a broad and flexible professional set skill. The program entails the study of theories, procedures and practices, and the acquisition of skills to function

productively and effectively in the wide-ranging administrative assistant, executive secretary and office technician positions available in the job market. The program offers students the opportunity to acquire skills in office communications, office computer applications, records management, and virtual technology used in the business community. This program provides students the learning opportunities relevant to everyday business. For individuals currently working in the field, this program provides the opportunity to update an existing skill set.

AS.BUS.OADM

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

Course	Title	Units
Fall Semester 1		
Otec-505	Office Procedures and Systems (formerly Otec-098)	3
ENGL-101	College Composition (formerly Freshman Composition)	4
ART-104	World Art	3
CSCR-100	College Success and Career Readiness (formerly GUID-100 College Success)	3
COMM-100	Public Speaking	3
Units		16
Spring Semester 1		
BADM-104	Business Communications	3
CAPP-735	Using Microsoft Word (formerly CAPP-127)	3
PS-101	Introduction to American Government and Politics	3
PSYC-101	Introduction to Psychology	3
MATH-140	Introduction to Statistics	3
Units		15
Fall Semester 2		
CAPP-122	Using Microsoft Excel	3
ACCT-776	Bookkeeping (formerly ACCT-076)	3
ENVS-100	Humans and Scientific Inquiry	3
BADM-103	Introduction to Business	3
CAPP-535	Using Microsoft PowerPoint (formerly CAPP-094)	3
Units		15
Spring Semester 2		
ACCT-777	QuickBooks Accounting (formerly ACCT-077)	3
MGT-760	Elements of Supervision (formerly MGT-098)	3

CAPP-123	Using Microsoft Access - Level 1	3
PHIL-105	Introduction to Ethics	3
MGT-500	Introduction to Management (formerly MGT-103)	3
Units		15
Total Units		61

NOTE: Transfer Level Math courses are recommended. However, MATH-096 Intermediate Algebra (5 units) will satisfy the Math requirement.

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Office Administration Courses		12
Office Administration Electives		6
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		
BADM-104 or BADM-104H	Business Communications Honors Business Communications	3
CAPP-122	Using Microsoft Excel	3
CAPP-735	Using Microsoft Word (formerly CAPP-127)	3
Otec-505	Office Procedures and Systems (formerly Otec-098)	3
Elective Courses		
Select two of the following:		6
ACCT-776	Bookkeeping (formerly ACCT-076)	
ACCT-777	QuickBooks Accounting (formerly ACCT-077)	
CAPP-123	Using Microsoft Access - Level 1	
CAPP-535	Using Microsoft PowerPoint (formerly CAPP-094)	
CSIS-103	Introduction to the Internet	
MGT-500	Introduction to Management (formerly MGT-103)	
Total Units		18

Career Exploration

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3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

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Business, Clerical Certificate

The Business Department is committed to providing a broad and flexible professional education. Recognizing the importance of office communications, office computer applications, records management, and virtual technology in the business community, these areas provide students with learning opportunities relevant to everyday business. For individuals currently working within these listed fields, there may be potential for salary and/or career advancement.

CT.BUS.CLER

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
MATH-140	Introduction to Statistics	3
OTEC-500	Keyboarding and Document Formatting (formerly OTEC-090)	3
CAPP-122	Using Microsoft Excel	3
CAPP-735	Using Microsoft Word (formerly CAPP-127)	3
Units		12
Spring Semester 1		
BADM-104	Business Communications	3
OTEC-505	Office Procedures and Systems (formerly OTEC-098)	3
ACCT-776	Bookkeeping (formerly ACCT-076)	3
ACCT-777	QuickBooks Accounting (formerly ACCT-077)	3
Units		12
Total Units		24

Requirements

Course	Title	Credits
Required Courses		
BADM-104	Business Communications	3
or BADM-104H	Honors Business Communications	
BADM-710	Business Math (formerly BADM-085)	3-4
or MATH-090	Elementary Algebra	
CAPP-122	Using Microsoft Excel	3
CAPP-735	Using Microsoft Word (formerly CAPP-127)	3

OTEC-500	Keyboarding and Document Formatting (formerly OTEC-090)	3
OTEC-505	Office Procedures and Systems (formerly OTEC-098)	3
Subtotal		18-19
Elective Courses		
Select two of the following:		6
ACCT-776	Bookkeeping (formerly ACCT-076)	
ACCT-777	QuickBooks Accounting (formerly ACCT-077)	
CAPP-123	Using Microsoft Access - Level 1	
CAPP-535	Using Microsoft PowerPoint (formerly CAPP-094)	
Subtotal		6
Total Units		24-25

Career Exploration

Discover information about careers that interest you!

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2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Business Clerical

Gainful Employment Disclosures – 2021

Program Name BUSINESS, CLERICAL

This program is designed to be completed in 12 months.

This program will cost \$1,150 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$ 0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Microsoft Applications Concentration Employment Concentration

This Employment Concentration Certificate will prove the student's ability to work in the Microsoft Applications industry, helping the student applying for jobs related to the mentioned industry, while continuing further coursework toward a full certificate or degree.

ECC.BUS.MA

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
CAPP-735	Using Microsoft Word (formerly CAPP-127)	3
CAPP-535	Using Microsoft PowerPoint (formerly CAPP-094)	3
Units		6
Spring Semester 1		
CAPP-123	Using Microsoft Access - Level 1	3
CAPP-740	Using Microsoft Project (formerly CAPP-098)	3
CAPP-122	Using Microsoft Excel	3
Units		9
Total Units		15

Requirements

Course	Title	Credits
Required Courses		
CAPP-122	Using Microsoft Excel	3
CAPP-123	Using Microsoft Access - Level 1	3
CAPP-535	Using Microsoft PowerPoint (formerly CAPP-094)	3
CAPP-735	Using Microsoft Word (formerly CAPP-127)	3

CAPP-740	Using Microsoft Project (formerly CAPP-098)	3
Total Units		15

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Chemistry

Overview

Program Description

What gives fireworks their color? How does a drug test work? Chemistry is the central science behind these questions and many more. The chemistry major focuses on the study and creation of materials, pharmaceuticals, biological systems, environmental systems, and industrial processes. Chemistry majors receive hands on training in sophisticated instrumentation and laboratory techniques. Students are prepared to serve in the chemical industry, pharmaceutical industry, and for medical programs through engaging laboratory experiments.

The chemistry department offers student support through a mentor-ship program, supplemental instruction, problem solving and skill building workshops, opportunities for independent research study opportunities and internships.

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto/Menifee Campus
(951) 487-MSJC (6752)/ (951) 672-6752
Joshua Hartman (951) 672-5758
jhartman@msjc.edu

Degrees/ Certificates

Degrees

Transfer Degrees

- Chemistry, A.S.-T (p. 186)

Program Learning Outcomes

- Demonstrate proficiency on chemistry topics from national American Chemical Society (ACS) exams. Achieve a score that is one-half of one standard deviation below the national average (or higher) on the General Chemistry or Organic Chemistry sequence exam versions, administered in CHEM 102 and CHEM 113 respectively.
- Demonstrate skill in standard laboratory techniques commonly acquired in the first two years of major's chemistry coursework.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Chemical Engineer (B)	\$102,160	2,400
Chemical Technician (A, B)	\$47,280	6,600
Biochemistry, Biophysicist (D)	\$91,190	3,200

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Chemistry, A.S.-T

Overview

An A.S.-T in Chemistry for Transfer will fulfill the requirements for students to transfer to a California State University institution as a Chemistry major. The courses in the A.S.-T in Chemistry for Transfer provide students with an ability to solve quantitative problems and think critically in regards to major concepts in chemistry, including the structure and property of matter, the interconversion of matter and energy via chemical reactions, and the application of scientific inquiry to problem-solving.

AS.CHEM.OPTBAST or AS.CHEM.OPTCAST

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed

by program experts to give you the skills and knowledge you need to succeed.

- Starting in Spring?** Choose Fall Semester 1 courses.
- Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-211	Analytic Geometry and Calculus I	4
CHEM-101	General Chemistry I	5
COMM-104 or COMM-100	Argumentation and Debate (formerly Advocacy and Argument) or Public Speaking	3
Units		16

Spring Semester 1		
CHEM-102	General Chemistry II	5
ENGL-103	Critical Thinking and Writing	3
MATH-212	Analytic Geometry and Calculus II	4
PS-101	Introduction to American Government and Politics	3
Units		15

Summer 1		
STEM ONLY		
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
Units		3

Fall Semester 2		
Select one of the following:		
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
BIOL-150	General Biology I	4
CHEM-112	Organic Chemistry I	5
PHY-201	Mechanics and Wave Motion	4
Units		16

Spring Semester 2		
ART-104	World Art	3
CHEM-113	Organic Chemistry II	5
PHY-202	Electricity and Magnetism	4
HIST-104	World History Since 1500	3
Units		15
Total Units		65

UC: General Education Option C

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-211	Analytic Geometry and Calculus I	4
CHEM-101	General Chemistry I	5

COMM-104 or COMM-100	Argumentation and Debate (formerly Advocacy and Argument) or Public Speaking	3
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Units 16

Spring Semester 1

CHEM-102	General Chemistry II	5
ENGL-103	Critical Thinking and Writing	3
MATH-212	Analytic Geometry and Calculus II	4
PS-101	Introduction to American Government and Politics	3

PHIL-101 or ANTH-145	Introduction to Philosophy I or Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3
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Units 18

Summer 1

STEM ONLY

Select one of the following: 4

ASL-100	American Sign Language I	
FREN-101	Elementary French I	
SPAN-101	Elementary Spanish I	

Units 4

Fall Semester 2

BIOL-150	General Biology I	4
CHEM-112	Organic Chemistry I	5
PHY-201	Mechanics and Wave Motion	4

Units 13

Spring Semester 2

CHEM-113	Organic Chemistry II	5
PHY-202	Electricity and Magnetism	4
ART-104	World Art	3
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3

Units 15

Total Units 66

Requirements

Course	Title	Credits
Required Core Courses		
CHEM-101	General Chemistry I	5
CHEM-102	General Chemistry II	5
CHEM-112	Organic Chemistry I	5
CHEM-113	Organic Chemistry II	5
PHY-201	Mechanics and Wave Motion	4
PHY-202 or PHY-202H	Electricity and Magnetism Honors Electricity and Magnetism	4
MATH-211	Analytic Geometry and Calculus I	4
MATH-212 or MATH-212H	Analytic Geometry and Calculus II Honors Analytic Geometry and Calculus II	4
Total Units		36

Course	Title	Credits
Units for Major		36
CSU General Education for STEM or IGETC for STEM		31-33

Possible double counting: 7

Transferable Electives (as need to reach 60 CSU transferable units)

Total Units for A.S.-T Degree: 60 units

The STEM General Education for a **STEM Associates Degree for Transfer (ADT)** can **only** be applied to the **Biology, Chemistry and Environmental Science ADT Degrees**.

The overall requirements for an approved STEM Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education Breadth for STEM (CSUGE) requirements or the Intersegmental General Education Transfer Curriculum for STEM requirements (IGETC).
 - **CSUGE Breadth for STEM (33 units):** Students are to complete all CSUGE requirements. However, the CSUGE for STEM requires 6 semester units/9 quarter units from AREA C by selecting one course from C1 and one course from C2. Students are also to complete 6 semester units/ 9 quarter units from AREA D by selecting two courses from two different disciplines.
 - **IGETC for STEM (31 units):** Students are to complete all IGETC requirements. However, the IGETC for STEM requires 6 semester units/9 quarter units from AREA 3 by selecting one course from 3A and one course from 3B. Students are also to complete 6 semester units/9 quarter units from AREA 4 by selecting two courses from two different disciplines.
- Students are to confirm that the CSU or UC major/program or college they are applying to accepts partial CSUGE and IGETC certification. Although CSUGE and IGETC for STEM is an option, it is important that students prioritize completing major-preparation courses for the specific campuses and programs students are considering.
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.

3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

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Child Development and Education

See Teacher and Developmental Education (p. 342)

Communication Studies

Program Description

View on YouTube (<https://www.youtube.com/watch?v=IxUcble1AdI>)

What if you could be more successful in your future job? Can you imagine giving a speech without getting frazzled (so nervous)? What if your relationships could be more fulfilling and effective? Wouldn't you like to be better at presenting and defending your arguments? Do you know how gender and culture influence us every day? Imagine understanding media communications, branding, persuasion, and public relations as they work in today's digital world and how they can bring you success? MSJC offers courses in communication that are highly sought after both in relationships and in the business world. Employers are looking for people with the ability to express themselves clearly, to speak persuasively, to think on their feet, and to work well with others.

Communications Department Page (<https://www.msjc.edu/communicationstudies/>)

Forensics Program

The MSJC Forensic Team is comprised of students, on all campuses, competing in a broad range of oratory events, both individually and as a team. Students compete against other colleges and universities. Major forensic events include debate, extemporaneous speaking (informative and persuasive), and oral interpretation (prose and poetry). It is very challenging, tons of fun and a tremendous academic advantage to students in transferring. Contact the Director of Forensics, Ron Newman (rnewman@msjc.edu for details)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus
(951) 487-MSJC (6752)

1-800-624-5561

Michael Fleming (951) 487-3625

mfleming@msjc.edu

Ron Newman, Director of Forensics (951) 487-3626

rnewman@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Ronald Newman (951) 639-5628

rnewman@msjc.edu

Basemeh Rihan (951) 639-5415

brihan@msjc.edu

Ron Newman, Director of Forensics (951) 639-5628

rnewman@msjc.edu

Degrees/Certificates

Degrees

Transfer Degree

- Communication Studies, A.A.-T (p. 189)

Employment Concentration

- Communication, Teamwork and Leadership Employment Concentration (p. 192)

Program Learning Outcomes

- Recognize and discuss the ways in which communication, both verbal and nonverbal, affects lives in various social contexts (e.g., intrapersonal, interpersonal, intercultural, group, organizational, mass, and mediated communication among others).
- Locate, read, and critically evaluate research (traditional and electronic), comparing and contrasting research methodologies used in the discipline.
- Construct and responsibly present different types of speeches both individually and group, demonstrating effective communication practices (e.g., active listening, self-presentation).
- Explore, compare and evaluate the basic communication theories of small group, public, organizational and mass communication, the ways in which technology affects communication, as well as the rhetorical foundations of the field of Communication Studies.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Administrative service managers (B)	\$94,020	281,700

Marketing, Public Relations, & Advertising (B)	\$129,380	249,600
Journalist (B)	\$40,910	50,400

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Communication Studies, A.A.-T

An Associate in Arts in Communication Studies for Transfer will fulfill the requirements for students to transfer to a CSU institution as a Communication Studies major. The Communication Studies courses in A.A.-T in Communication Studies will provide students with the practical skill of effective communication, both publicly, inter-personally, and professionally. Additionally, the student will gain specific knowledge in a variety of other communication subtexts: intercultural, media, argument, organizational, persuasion, gender, public relations, and/or performance.

AA.COMM.OPTBAAT or AA.COMM.OPTCAAT

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

This program provides students with focused program options. A focused program map contains courses that help students specialize in a distinct area and connects to careers. Talk to a counselor about preparing for transfer to specific schools.

Human Communication Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
HIST-111	U.S. History to 1877	3
COMM-103	Interpersonal Communication	3
MATH-140	Introduction to Statistics	3
CSCR-116	Integrative Career/Life Planning (formerly GUID-116)	3
Units		16
Spring Semester 1		
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
COMM-100	Public Speaking	3
COMM-120	Survey of Communication Studies	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	

ASL-100	American Sign Language I	
PS-101	Introduction to American Government and Politics	3
Units		16

Fall Semester 2

COMM-113	Oral Interpretation of Literature	3
COMM-106	Small Group Communication	3
Select one of the following:		4
SPAN-102	Elementary Spanish II	
FREN-102	Elementary French II	
ASL-101	American Sign Language II	
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
COMM-299	Special Projects: Communication	1
Units		15

Spring Semester 2

COMM-116 or COMM-108	Gender and Communication or Intercultural Communication	3
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
PS-103	Ethnic Politics in America	
ENVS-101	Environmental Science	3
COMM-110	Communications Media Survey	3
COMM-160	Debate and Forensics Activities	1
Units		13
Total Units		60

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

Performance Communication Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
COMM-100	Public Speaking	3
MATH-140	Introduction to Statistics	3
CSCR-116	Integrative Career/Life Planning (formerly GUID-116)	3
Units		16
Spring Semester 1		
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
COMM-113	Oral Interpretation of Literature	3
COMM-201	Advanced Public Speaking	3
ASL-100	American Sign Language I	4

PS-101	Introduction to American Government and Politics	3
Units		16
Fall Semester 2		
COMM-129	Reader's Theater	3
COMM-106	Small Group Communication	3
ASL-101	American Sign Language II	4
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
COMM-160	Debate and Forensics Activities	1
Units		15
Spring Semester 2		
COMM-116 or COMM-108	Gender and Communication or Intercultural Communication	3
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
PS-103	Ethnic Politics in America	
ENVS-101	Environmental Science	3
COMM-120	Survey of Communication Studies	3
COMM-110	Communications Media Survey	3
COMM-160	Debate and Forensics Activities	1
Units		16
Total Units		63

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

Professional Communication Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
COMM-100	Public Speaking	3
MATH-140	Introduction to Statistics	3
PSYC-101	Introduction to Psychology	3
Units		16
Spring Semester 1		
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
COMM-113	Oral Interpretation of Literature	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
PS-101	Introduction to American Government and Politics	3
Units		13

Fall Semester 2		
COMM-117	Organizational Communication (formerly Professional Communication)	3
COMM-106	Small Group Communication	3
Select one of the following:		4
SPAN-102	Elementary Spanish II	
FREN-102	Elementary French II	
ASL-101	American Sign Language II	
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
COMM-129/THA-127	Reader's Theater	3
Units		17
Spring Semester 2		
COMM-116 or COMM-108	Gender and Communication or Intercultural Communication	3
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
PS-103	Ethnic Politics in America	
ENVS-101	Environmental Science	3
COMM-119	Public Relations	3
COMM-120	Survey of Communication Studies	3
Units		15
Total Units		61

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

CSUSM: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
COMM-103	Interpersonal Communication	3
MATH-140	Introduction to Statistics	3
CSCR-116	Integrative Career/Life Planning (formerly GUID-116)	3
Units		16
Spring Semester 1		
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
COMM-100	Public Speaking	3
COMM-120	Survey of Communication Studies	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	

PS-101	Introduction to American Government and Politics	3
Units		16
Fall Semester 2		
COMM-113	Oral Interpretation of Literature	3
COMM-106	Small Group Communication	3
Select one of the following:		4
SPAN-102	Elementary Spanish II	
FREN-102	Elementary French II	
ASL-101	American Sign Language II	
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
Select one of the following:		1
COMM-549	Cooperative Work Experience: Communication Studies (formerly COMM-149)	
COMM-160	Debate and Forensics Activities	
COMM-299	Special Projects: Communication	
Units		15
Spring Semester 2		
COMM-116	Gender and Communication	3
or COMM-108	or Intercultural Communication	
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
PS-103	Ethnic Politics in America	
ENVS-101	Environmental Science	3
Select one of the following:		4
SPAN-201	Intermediate Spanish I	
FREN-201	Intermediate French I	
ASL-201	American Sign Language III (formerly ASL-103)	
Units		13
Total Units		60

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements. CSUSM Grad Requirements: Language (<https://www.csusm.edu/academicadvising/gradrequirements/language/>)

UC: General Education Option C

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
HIST-112	U.S. History Since 1865	3
COMM-100	Public Speaking	3
MATH-140	Introduction to Statistics	3
ANTH-145	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3
Units		16

Spring Semester 1

ENGL-103	Critical Thinking and Writing	3
COMM-115	Persuasion	3
COMM-120	Survey of Communication Studies	3
THA-137	Introduction to World Cinema	3
PS-101	Introduction to American Government and Politics	3
Units		15

Fall Semester 2

ART-100	Art Appreciation	3
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
COMM-110	Communications Media Survey	3
COMM-103	Interpersonal Communication	3
Units		16

Spring Semester 2

COMM-116	Gender and Communication	3
COMM-108	Intercultural Communication	3
ENVS-100	Humans and Scientific Inquiry	3
PSYC-101	Introduction to Psychology	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
Units		16
Total Units		63

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Requirements

Course	Title	Credits
Required Core Courses		
COMM-100	Public Speaking	3
or COMM-100H	Honors Public Speaking	
List A: Select two		
Select two of the following:		6
COMM-103	Interpersonal Communication	
or COMM-103H	Honors Interpersonal Communication	
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	
or COMM-104H	Honors Argumentation and Debate (formerly Advocacy and Argument)	
COMM-106	Small Group Communication	
List B: Select two		
Any List A course not used above or one of the following:		6
COMM-108	Intercultural Communication	
or COMM-108H	Honors Intercultural Communication	

COMM-110	Communications Media Survey
COMM/THA-113	Oral Interpretation of Literature
COMM-115	Persuasion
COMM-120	Survey of Communication Studies
COMM-160	Debate and Forensics Activities
COMM-201	Advanced Public Speaking

List C: Select one

Any List A or B course not used above or one of the following: 3

COMM-116	Gender and Communication
COMM-117	Organizational Communication (formerly Professional Communication)
COMM-119	Public Relations
COMM-129/ THA-127	Reader's Theater

Total Units 18

Course	Title	Credits
Units for Major		18

CSU General Education or IGETC Pattern 37-39

Possible double counting: 15 units

Transferable Electives (as needed to reach 60 CSU transferable units)**Total Units for A.A.-T Degree: 60 units**

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Communication, Teamwork and Leadership Employment Concentration

Soft skills are the "people skills" that accompany an individual's technical skills and knowledge. These skills help distinguish employees in the job market and workplace and are critical to excellence in any field. This skill set includes interpersonal communication skills, the ability to work collaboratively in teams, and strengthened emotional intelligence. Additionally, strong writing, speaking and listening skills, together with enhanced critical thinking skills, allow individuals to excel in personal leadership.

ECC.COMM.CTL

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
COMM-103	Interpersonal Communication	3
COMM-106	Small Group Communication	3
ENGL-101	College Composition (formerly Freshman Composition)	4
LEAD-500 or CSCR-502	Leadership Development (LEAD-101) or Personal Success Habits of Highly Effective People (formerly GUID-120)	3
Units		13
Total Units		13

Requirements

Course	Title	Credits
Required Courses		
COMM-103 or COMM-103H	Interpersonal Communication Honors Interpersonal Communication	3
COMM-106	Small Group Communication	3
Subtotal		6
CSCR-502 or LEAD-500	Personal Success Habits of Highly Effective People (formerly GUID-120) Leadership Development (LEAD-101)	3
Select one of the following:		4

ENGL-098	Writing and Reading Fundamentals In English (formerly English Fundamentals)	7
ENGL-101	College Composition (formerly Freshman Composition)	
ENGL-101H	Honors College Composition (formerly Freshman Composition)	
ESL-098	Preparation for English Composition for Multilingual Students (formerly ESL-098W English Writing Fundamentals)	
Subtotal		7
Total Units		13

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
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Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Computer/Information Systems Program Description

Computers are ubiquitous. They are in our hospitals, our educational institutions, our businesses, and our homes. In CIS you will explore how digital solutions are analyzed, developed, and implemented into artifacts that humans use every day. As a CIS graduate, the world will be your oyster. Your skills are in great demand in all fields of business, industry, and education. From Computer Hardware Specialist to Cybersecurity, Networking, Programming, and Web Development, you will be able to choose a career pathway that is both meaningful and pays higher wages than most jobs today. You will be exposed to tools and practices that are used the world over as you prepare to launch yourself into the exciting and demanding world of Computer Information Systems.

Computer/Information Systems Department Page (<https://www.msjc.edu/cis/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students

are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

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Glenn Stevenson (951) 639-5532
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gstevenson@msjc.edu

Degrees/Certificates Degrees

Transfer Degree

- Computer Science A.S.-T (p. 194)

Non-Transfer Degree

- Computer Information Systems, A.S. (p. 197)

Certificates

- Internet Authoring, Certificate (p. 200)
- Networking Certificate (p. 201)
- Programming Certificate (p. 202)

Employment Concentrations

- Computer Forensics Employment Concentration (p. 204)
- Computer Hardware Specialist Certification (p. 204)
- Cybersecurity Employment Concentration (p. 205)
- Internet Authoring Apprentice Employment Concentration (p. 206)

Program Learning Outcomes

- Recognize that a system consists of people, procedures, hardware, software, and data within a global environment.
- Apply systems concepts in the investigation, evaluation, and resolution of information technology problems.
- Recognize how the very large amounts of data collected by modern organizations can be used to review, redesign, and improve processes.
- Employ applications software and software tools in the application of information technologies to help individuals, groups, and organizations achieve their goals.
- Analyze existing processes based on interviewing, observation, documentation, analysis and other similar methods.
- Research and apply industry reference models and best practices in order to improve process designs.
- Assess, manage, and control IT risks.
- Demonstrate working effectively as a member of the team to accomplish common goals.

- Analyze technical information, as well as listen effectively to, communicate orally with, and prepare memos, reports and documentation for a wide range of audiences.
- Investigate and assess new sources of information and learning opportunities to stay abreast of emerging information and computing technologies.
- List career paths related to the program of study, as well as any qualifications and/or professional certifications that may be associated with those careers.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Networking & IT Administration (A, B)	\$93,000	4,812
Web Development (A, B)	\$69,359	2,432
Programming (A, B)	\$123,707	6,250

(*degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate*)

Computer Science A.S.-T

The curriculum in Computer Science is designed to provide the transfer student the opportunity to earn an Associate in Science in Computer Science for Transfer degree. Computer Science is the study of computers, their design, and their uses for computation, data processing, and systems control, including design and development of computer hardware and software, and programming. Computer Science provides a foundation of knowledge for students with career objectives in a wide range of computing and computer-related professions.

AS.CIS.CS.OPTB.AST or AS.CIS.CS.OPTCAST

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
CSIS-113A	C++ Programming - Level 1	3
MATH-211	Analytic Geometry and Calculus I	4
ENGL-101	College Composition (formerly Freshman Composition)	4
BIOL-150	General Biology I	4
Units		15
Spring Semester 1		
CSIS-211	Introduction to Data Structures and Algorithms	3
MATH-212	Analytic Geometry and Calculus II	4
ENGL-103	Critical Thinking and Writing	3
PS-101	Introduction to American Government and Politics	3
COMM-100	Public Speaking	3
Units		16
Fall Semester 2		
CSIS-118B	Computer Organization & Assembly Language	3
ANTH-145	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3
PHY-201	Mechanics and Wave Motion	4
HIST-112	U.S. History Since 1865	3
ART-100	Art Appreciation	3
Units		16
Spring Semester 2		
CSIS-213	Discrete Structures	3
PHY-202	Electricity and Magnetism	4
PHIL-101	Introduction to Philosophy I	3
PSYC-101	Introduction to Psychology	3
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
PS-103	Ethnic Politics in America	
Units		16
Total Units		63

Recommended: Students should take courses the summer before the Fall start of the semester.

CSU: General Education Option C

Course	Title	Units
Fall Semester 1		
CSIS-113A	C++ Programming - Level 1	3
MATH-211	Analytic Geometry and Calculus I	4
ENGL-101	College Composition (formerly Freshman Composition)	4
BIOL-150	General Biology I	4
Units		15

Spring Semester 1

CSIS-211	Introduction to Data Structures and Algorithms	3
MATH-212	Analytic Geometry and Calculus II	4
ENGL-103	Critical Thinking and Writing	3
PS-101	Introduction to American Government and Politics	3
COMM-100	Public Speaking	3

Units **16**

Fall Semester 2

CSIS-118B	Computer Organization & Assembly Language	3
ANTH-145	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3
PHY-201	Mechanics and Wave Motion	4
HIST-112	U.S. History Since 1865	3
ART-100	Art Appreciation	3

Units **16**

Spring Semester 2

CSIS-213	Discrete Structures	3
PHY-202	Electricity and Magnetism	4
PHIL-101	Introduction to Philosophy I	3
PSYC-101	Introduction to Psychology	3

Units **13**

Total Units **60**

Recommended: Students should take courses the summer before the Fall start of the semester.

CSUSM: General Education Option B

Course	Title	Units
Fall Semester 1		
CSIS-113A	C++ Programming - Level 1	3
MATH-211	Analytic Geometry and Calculus I	4
ENGL-101	College Composition (formerly Freshman Composition)	4
BIOL-100 or BIOL-150	Human Biology or General Biology I	4
PSYC-101	Introduction to Psychology	3
Units		18

Spring Semester 1

CSIS-211	Introduction to Data Structures and Algorithms	3
MATH-212	Analytic Geometry and Calculus II	4
ENGL-103	Critical Thinking and Writing	3
CSIS-123A	C++ Programming - Level 2	3
COMM-100	Public Speaking	3
Units		16

Summer 1

Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	

PS-103	Ethnic Politics in America	
Units		3
Fall Semester 2		
CSIS-118B	Computer Organization & Assembly Language	3
ANTH-145	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3
PHY-201	Mechanics and Wave Motion	4
HIST-112	U.S. History Since 1865	3
MATH-218	Linear Algebra	3
Units		16
Spring Semester 2		
CSIS-213	Discrete Structures	3
PHY-202	Electricity and Magnetism	4
PHIL-101	Introduction to Philosophy I	3
ART-100	Art Appreciation	3
PS-101	Introduction to American Government and Politics	3
Units		16
Total Units		69

Recommended: Students should take courses the summer before the Fall start of the semester.

CSUSM: General Education Option C

Course	Title	Units
Fall Semester 1		
CSIS-113A	C++ Programming - Level 1	3
MATH-211	Analytic Geometry and Calculus I	4
ENGL-101	College Composition (formerly Freshman Composition)	4
BIOL-100 or BIOL-150	Human Biology or General Biology I	4
PSYC-101	Introduction to Psychology	3
Units		18
Spring Semester 1		
CSIS-211	Introduction to Data Structures and Algorithms	3
MATH-212	Analytic Geometry and Calculus II	4
ENGL-103	Critical Thinking and Writing	3
CSIS-123A	C++ Programming - Level 2	3
COMM-100	Public Speaking	3
Units		16
Fall Semester 2		
CSIS-118B	Computer Organization & Assembly Language	3
ANTH-145	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3
PHY-201	Mechanics and Wave Motion	4
HIST-112	U.S. History Since 1865	3
MATH-218	Linear Algebra	3
Units		16

Spring Semester 2

CSIS-213	Discrete Structures	3
PHY-202	Electricity and Magnetism	4
PHIL-101	Introduction to Philosophy I	3
ART-100	Art Appreciation	3
PS-101	Introduction to American Government and Politics	3
Units		16
Total Units		66

Recommended: Students should take courses the summer before the Fall start of the semester.

UC: General Education Option C

Course	Title	Units
Fall Semester 1		
CSIS-113A	C++ Programming - Level 1	3
MATH-211	Analytic Geometry and Calculus I	4
ENGL-101	College Composition (formerly Freshman Composition)	4
BIOL-100 or BIOL-150	Human Biology or General Biology I	4
PSYC-101	Introduction to Psychology	3
Units		18

Spring Semester 1

CSIS-211	Introduction to Data Structures and Algorithms	3
MATH-212	Analytic Geometry and Calculus II	4
ENGL-103	Critical Thinking and Writing	3
PS-101	Introduction to American Government and Politics	3
COMM-100	Public Speaking	3
Units		16

Fall Semester 2

CSIS-118B	Computer Organization & Assembly Language	3
ANTH-145	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3
PHY-201	Mechanics and Wave Motion	4
HIST-112	U.S. History Since 1865	3
ART-100	Art Appreciation	3
Units		16

Spring Semester 2

CSIS-213	Discrete Structures	3
PHY-202	Electricity and Magnetism	4
PHIL-101	Introduction to Philosophy I	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
Units		14
Total Units		64

Recommended: Students should take courses the summer before the Fall start of the semester.

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Requirements

Course	Title	Credits
Required Core Courses		
CSIS-113A or CSIS-113B	C++ Programming - Level 1 Java Programming - Level 1	3
CSIS-118B	Computer Organization & Assembly Language	3
CSIS-211	Introduction to Data Structures and Algorithms	3
CSIS-213	Discrete Structures	3
MATH-211	Analytic Geometry and Calculus I	4
MATH-212 or MATH-212H	Analytic Geometry and Calculus II Honors Analytic Geometry and Calculus II	4
PHY-201	Mechanics and Wave Motion	4
Select one of the following:		4
PHY-202	Electricity and Magnetism	
PHY-202H	Honors Electricity and Magnetism	
BIOL-150	General Biology I	
BIOL-150H	Honors General Biology I	
Total Units		28

Course	Title	Credits
Units for Major		28
CSU General Education Pattern or IGETC Pattern		37-39
Possible double counting (CSU): 9 units		
Possible double counting (IGETC): 6-9 units		

Transferable Electives (as needed to reach 60 CSU transferable units)

Total Units for A.S.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU

campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Computer Information Systems, A.S.

An Associate degree in CIS may be earned by completing a CIS State Certificate in Internet Authoring, Programming, or Networking (18 units) as well as all MSJC General Education Option A requirements (a total of 60 units).

AS.CIS.NETWORK, AS.CIS.INTERNET, AS.CIS.PROGRAM

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

This program provides students with focused program options. A focused program map contains courses that help students specialize in a distinct area and connects to careers. Talk to a counselor about preparing for transfer to specific schools.

Authoring Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-105	College Algebra	4
CSIS-101 or CSIS-111B	Introduction to Computers and Data Processing or Fundamentals of Computer Programming	3

CSIS-103	Introduction to the Internet	3
CSCR-100	College Success and Career Readiness (formerly GUID-100 College Success)	3
Units		17
Spring Semester 1		
CSIS-115A	Web Development - Level 1	3
PS-101	Introduction to American Government and Politics	3
GEOG-108	World Regional Geography	3
CSIS-525	Web Development - Level 2 (formerly CSIS-125A) ¹	3
CSIS-111B	Fundamentals of Computer Programming	3
Units		15
Fall Semester 2		
CSIS-113B or CSIS-116E	Java Programming - Level 1 or Python Programming - Level 1	3
CSIS-786	Developing ASP.NET Web Applications (formerly CSIS-086) ¹	3
BIOL-100 or BIOL-115	Human Biology or Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
ART-100	Art Appreciation	3
ECON-201 or PSYC-101	Principles of Macroeconomics or Introduction to Psychology	3
Units		16
Spring Semester 2		
CSIS-114A	SQL Programming - Level 1	3
CSIS-124A	SQL Programming - Level 2 ¹	3
CSIS-201	System Analysis and Design	3
CSIS-202	CCNA 1 Computer Networks (formerly Networks and Data Communications)	3
COMM-103	Interpersonal Communication	3
Units		15
Total Units		63

¹ Take second 8 weeks: CSIS-525 Web Development - Level 2 (formerly CSIS-125A), CSIS-786 Developing ASP.NET Web Applications (formerly CSIS-086), CSIS-123B Java Programming - Level 2 (formerly JAVA Programming - Level 2), CSIS-124A SQL Programming - Level 2

Networking Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-105	College Algebra	4
CSIS-101	Introduction to Computers and Data Processing	3
CSCR-100	College Success and Career Readiness (formerly GUID-100 College Success)	3
Units		14
Spring Semester 1		
CSIS-202	CCNA 1 Computer Networks (formerly Networks and Data Communications)	3

PS-101	Introduction to American Government and Politics	3
GEOG-108	World Regional Geography	3
CSIS-201	System Analysis and Design	3
ART-100	Art Appreciation	3
Units		15
Fall Semester 2		
CSIS-791	CCNA 2 Routing and Switching Essentials (formerly CSIS-091)	3
CSIS-592	CCNA 3 Scaling Networks (formerly CSIS-092) ¹	3
BIOL-100 or BIOL-115	Human Biology or Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
CSIS-160	Information Security Systems	3
COMM-103	Interpersonal Communication	3
Units		16
Spring Semester 2		
CSIS-593	CCNA 4 Connecting Networks (formerly CSIS-093)	3
CSIS-115A	Web Development - Level 1	3
CSIS-114A	SQL Programming - Level 1	3
ECON-201 or PSYC-101	Principles of Macroeconomics or Introduction to Psychology	3
CSIS-164	Cybersecurity: Ethical Hacking	3
Units		15
Total Units		60

¹ Take second 8 weeks: CSIS-592 CCNA 3 Scaling Networks (formerly CSIS-092), CSIS-525 Web Development - Level 2 (formerly CSIS-125A), CSIS-124A SQL Programming - Level 2

Programming - General Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-105	College Algebra	4
CSIS-101 or CSIS-111B	Introduction to Computers and Data Processing or Fundamentals of Computer Programming	3
CSCR-100	College Success and Career Readiness (formerly GUID-100 College Success)	3
Units		14
Spring Semester 1		
CSIS-113A	C++ Programming - Level 1	3
PS-101	Introduction to American Government and Politics	3
GEOG-108	World Regional Geography	3
CSIS-201	System Analysis and Design	3
ART-100	Art Appreciation	3
Units		15

Fall Semester 2		
CSIS-118B	Computer Organization & Assembly Language	3
CSIS-123A	C++ Programming - Level 2 ¹	3
BIOL-100 or BIOL-115	Human Biology or Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
CSIS-160	Information Security Systems	3
COMM-103	Interpersonal Communication	3
Units		16
Spring Semester 2		
Select one of the following CSIS level 1 Electives:		3
CSIS-115A	Web Development - Level 1	
CSIS-114A	SQL Programming - Level 1	
Select one of the following CSIS level 2 Electives: ¹		3
CSIS-525	Web Development - Level 2 (formerly CSIS-125A)	
CSIS-211	Introduction to Data Structures and Algorithms	
CSIS-124A	SQL Programming - Level 2	
CSIS-113C	C# Programming - Level 1 (formerly C# Programming)	3
CSIS-123C	C# Programming - Level 2 ¹	3
ECON-201 or PSYC-101	Principles of Macroeconomics or Introduction to Psychology	3
Units		15
Total Units		60

¹ Take second 8 weeks: CSIS-525 Web Development - Level 2 (formerly CSIS-125A), CSIS-211 Introduction to Data Structures and Algorithms, CSIS-124A SQL Programming - Level 2, CSIS-123A C++ Programming - Level 2

Programming - Database Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-105	College Algebra	4
CSIS-101 or CSIS-111B	Introduction to Computers and Data Processing or Fundamentals of Computer Programming	3
CSCR-100	College Success and Career Readiness (formerly GUID-100 College Success)	3
Units		14
Spring Semester 1		
CSIS-116E	Python Programming - Level 1	3
PS-101	Introduction to American Government and Politics	3
GEOG-108	World Regional Geography	3
CSIS-201	System Analysis and Design	3
ART-100	Art Appreciation	3
Units		15

Fall Semester 2

CSIS-118B	Computer Organization & Assembly Language	3
CSIS-126E	Python Programming - Level 2 ¹	3
BIOL-100 or BIOL-115	Human Biology or Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
CSIS-160	Information Security Systems	3
COMM-103	Interpersonal Communication	3
Units		16

Spring Semester 2

Select one of the following CSIS level 1 Electives:		3
CSIS-115A	Web Development - Level 1	
CSIS-114A	SQL Programming - Level 1	
Select one of the following CSIS level 2 Electives: ¹		3
CSIS-525	Web Development - Level 2 (formerly CSIS-125A)	
CSIS-124A	SQL Programming - Level 2	
CSIS-113B	Java Programming - Level 1	3
CSIS-211	Introduction to Data Structures and Algorithms ¹	3
ECON-201 or PSYC-101	Principles of Macroeconomics or Introduction to Psychology	3
Units		15
Total Units		60

¹ Take second 8 weeks: CSIS-525 Web Development - Level 2 (formerly CSIS-125A), CSIS-124A SQL Programming - Level 2, CSIS-123B Java Programming - Level 2 (formerly JAVA Programming - Level 2), CSIS-211 Introduction to Data Structures and Algorithms.

Programming - Web Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-105	College Algebra	4
CSIS-101 or CSIS-111B	Introduction to Computers and Data Processing or Fundamentals of Computer Programming	3
CSCR-100	College Success and Career Readiness (formerly GUID-100 College Success)	3
Units		14

Spring Semester 1

CSIS-118B	Computer Organization & Assembly Language	3
PS-101	Introduction to American Government and Politics	3
GEOG-108	World Regional Geography	3
CSIS-201	System Analysis and Design	3
ART-100	Art Appreciation	3
Units		15

Fall Semester 2

CSIS-113B	Java Programming - Level 1	3
CSIS-123B	Java Programming - Level 2 (formerly JAVA Programming - Level 2) ¹	3
BIOL-100 or BIOL-115	Human Biology or Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
CSIS-160	Information Security Systems	3
COMM-103	Interpersonal Communication	3
Units		16

Spring Semester 2

Select one of the following CSIS level 1 Electives:		3
CSIS-115A	Web Development - Level 1	
CSIS-114A	SQL Programming - Level 1	
Select one of the following CSIS level 2 Electives: ¹		3
CSIS-525	Web Development - Level 2 (formerly CSIS-125A)	
CSIS-124A	SQL Programming - Level 2	
CSIS-211	Introduction to Data Structures and Algorithms ¹	3
CSIS-213	Discrete Structures	3
ECON-201 or PSYC-101	Principles of Macroeconomics or Introduction to Psychology	3
Units		15
Total Units		60

¹ Take second 8 weeks: CSIS-525 Web Development - Level 2 (formerly CSIS-125A), CSIS-124A SQL Programming - Level 2, CSIS-123B Java Programming - Level 2 (formerly JAVA Programming - Level 2)

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Select one of the following CIS State Certificates:		18
Internet Authoring		
Networking		
Programming		
Electives (as needed to reach 60 units)		

Internet Authoring

Course	Title	Credits
Required Courses		
CSIS-103 or CSIS-111B	Introduction to the Internet Fundamentals of Computer Programming	3
CSIS-114A	SQL Programming - Level 1	3
CSIS-115A	Web Development - Level 1	3
CSIS-525	Web Development - Level 2 (formerly CSIS-125A)	3

CSIS-786	Developing ASP.NET Web Applications (formerly CSIS-086)	3
Select one of the following:		3
CSIS-113B	Java Programming - Level 1	
CSIS-113C	C# Programming - Level 1 (formerly C# Programming)	
CSIS-116E	Python Programming - Level 1	
Total Units		18

Networking

Course	Title	Credits
Required Courses		
CSIS-101	Introduction to Computers and Data Processing	3
CSIS-201	System Analysis and Design	3
CSIS-202	CCNA 1 Computer Networks (formerly Networks and Data Communications)	3
CSIS-592	CCNA 3 Scaling Networks (formerly CSIS-092)	3
CSIS-593	CCNA 4 Connecting Networks (formerly CSIS-093)	3
CSIS-791	CCNA 2 Routing and Switching Essentials (formerly CSIS-091)	3
Total Units		18

Programming

Course	Title	Credits
Required Courses		
CSIS-118B	Computer Organization & Assembly Language	3
CSIS-201	System Analysis and Design	3
Subtotal		6
Programming Elective Courses		
Select a Level 1 & Level 2 course from the same language:		6
CSIS-113A & CSIS-123A	C++ Programming - Level 1 and C++ Programming - Level 2	
CSIS-113B & CSIS-123B	Java Programming - Level 1 and Java Programming - Level 2 (formerly JAVA Programming - Level 2)	
CSIS-113C & CSIS-123C	C# Programming - Level 1 (formerly C# Programming) and C# Programming - Level 2	
CSIS-116E & CSIS-126E	Python Programming - Level 1 and Python Programming - Level 2	
Subtotal		6
Additional Elective Courses		
Select six units from the following:		6
CSIS-111B	Fundamentals of Computer Programming	
CSIS-114A	SQL Programming - Level 1	
CSIS-115A	Web Development - Level 1	
CSIS-124A	SQL Programming - Level 2	
CSIS-211	Introduction to Data Structures and Algorithms	

CSIS-525	Web Development - Level 2 (formerly CSIS-125A)	
CSIS-786	Developing ASP.NET Web Applications (formerly CSIS-086)	
Subtotal		6
Total Units		18

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Internet Authoring, Certificate

The Internet Authoring Certificate provides students with entry-level skills for a variety of jobs that require Web page creation.

CT.CIS.1A.98

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
CSIS-103	Introduction to the Internet	3
CSIS-115A	Web Development - Level 1	3
CSIS-525	Web Development - Level 2 (formerly CSIS-125A) ¹	3
	Units	9
Spring Semester 1		
CSIS-786	Developing ASP.NET Web Applications (formerly CSIS-086)	3
CSIS-114A	SQL Programming - Level 1	3
Select one of the following:		3
CSIS-113B	Java Programming - Level 1	
CSIS-113C	C# Programming - Level 1 (formerly C# Programming)	

CSIS-116E	Python Programming - Level 1	
	Units	9
	Total Units	18

¹ Take second 8 weeks

Requirements

Course	Title	Credits
Required Courses		
CSIS-103 or CSIS-111B	Introduction to the Internet Fundamentals of Computer Programming	3
CSIS-114A	SQL Programming - Level 1	3
CSIS-115A	Web Development - Level 1	3
CSIS-525	Web Development - Level 2 (formerly CSIS-125A)	3
CSIS-786	Developing ASP.NET Web Applications (formerly CSIS-086)	3
Select one of the following:		3
CSIS-113B	Java Programming - Level 1	
CSIS-113C	C# Programming - Level 1 (formerly C# Programming)	
CSIS-116E	Python Programming - Level 1	
Total Units		18

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Internet Authoring

Gainful Employment Disclosures – 2021

Program Name INTERNET AUTHORING

This program is designed to be completed in 8 months.

This program will cost \$828 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$ 0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Networking Certificate

Networking is one of the fastest growing fields in the state. The Certificate in networking will prepare a student to become a Cisco Certified Network Associate and for a career in computer networking.

CT.CIS.NET.98

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
CSIS-202	CCNA 1 Computer Networks (formerly Networks and Data Communications)	3
CSIS-101	Introduction to Computers and Data Processing	3
	Units	6
Spring Semester 1		
CSIS-791	CCNA 2 Routing and Switching Essentials (formerly CSIS-091)	3
CSIS-592	CCNA 3 Scaling Networks (formerly CSIS-092) ¹	3
CSIS-201	System Analysis and Design	3
	Units	9

Fall Semester 2

CSIS-593	CCNA 4 Connecting Networks (formerly CSIS-093)	3
Units		3
Total Units		18

¹ Take in second 8 weeks

Requirements

Course	Title	Credits
Required Courses		
CSIS-101	Introduction to Computers and Data Processing	3
CSIS-201	System Analysis and Design	3
CSIS-202	CCNA 1 Computer Networks (formerly Networks and Data Communications)	3
CSIS-592	CCNA 3 Scaling Networks (formerly CSIS-092)	3
CSIS-593	CCNA 4 Connecting Networks (formerly CSIS-093)	3
CSIS-791	CCNA 2 Routing and Switching Essentials (formerly CSIS-091)	3
Total Units		18

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Networking

Gainful Employment Disclosures – 2021

Program Name NETWORKING

This program is designed to be completed in 8 months.

This program will cost \$828 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Programming Certificate

This certificate is a viable program of study for working professionals who are looking to improve their standing in the workplace by 1) gaining a better understanding of information technologies or 2) by the acquisition of specific job skills.

CT.CIS.PROG.98

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

This program provides students with focused program options. A focused program map contains courses that help students specialize in a distinct area and connects to careers. Talk to a counselor about preparing for transfer to specific schools.

General and Engineering Concentration

Course	Title	Units
Fall Semester 1		
CSIS-113A or CSIS-113C	C++ Programming - Level 1 or C# Programming - Level 1 (formerly C# Programming)	3
CSIS-123A or CSIS-123C	C++ Programming - Level 2 ¹ or C# Programming - Level 2	3
CSIS-101	Introduction to Computers and Data Processing	3
Units		9

Spring Semester 1

CSIS-201	System Analysis and Design	3
CSIS-118B	Computer Organization & Assembly Language	3
CSIS-111B	Fundamentals of Computer Programming	3
CSIS-211	Introduction to Data Structures and Algorithms	3
Units		12
Total Units		21

¹ Take in second 8 weeks

Web Concentration

Course	Title	Units
Fall Semester 1		
CSIS-113B	Java Programming - Level 1	3
CSIS-123B	Java Programming - Level 2 (formerly JAVA Programming - Level 2) ¹	3
CSIS-101	Introduction to Computers and Data Processing	3
Units		9

Spring Semester 1

CSIS-201	System Analysis and Design	3
CSIS-118B	Computer Organization & Assembly Language	3
CSIS-115A	Web Development - Level 1	3
CSIS-525	Web Development - Level 2 (formerly CSIS-125A)	3
Units		12
Total Units		21

¹ Take in second 8 weeks

Database Concentration

Course	Title	Units
Fall Semester 1		
CSIS-116E	Python Programming - Level 1	3
CSIS-126E	Python Programming - Level 2 ¹	3
CSIS-101	Introduction to Computers and Data Processing	3
Units		9

Spring Semester 1

CSIS-201	System Analysis and Design	3
CSIS-118B	Computer Organization & Assembly Language	3
CSIS-114A	SQL Programming - Level 1	3
CSIS-124A	SQL Programming - Level 2 ¹	3
Units		12
Total Units		21

¹ Take in second 8 weeks

Requirements

Course	Title	Credits
Required Courses		
CSIS-118B	Computer Organization & Assembly Language	3
CSIS-201	System Analysis and Design	3
Subtotal		6
Programming Elective Courses		
Select a Level 1 & Level 2 course from the same language:		6
CSIS-113A & CSIS-123A	C++ Programming - Level 1 and C++ Programming - Level 2	
CSIS-113B & CSIS-123B	Java Programming - Level 1 and Java Programming - Level 2 (formerly JAVA Programming - Level 2)	
CSIS-113C & CSIS-123C	C# Programming - Level 1 (formerly C# Programming) and C# Programming - Level 2	
CSIS-116E & CSIS-126E	Python Programming - Level 1 and Python Programming - Level 2	
Subtotal		6
Additional Elective Courses		
Select two of the following:		6
CSIS-111B	Fundamentals of Computer Programming	
CSIS-114A	SQL Programming - Level 1	
CSIS-115A	Web Development - Level 1	
CSIS-124A	SQL Programming - Level 2	
CSIS-211	Introduction to Data Structures and Algorithms	
CSIS-525	Web Development - Level 2 (formerly CSIS-125A)	
CSIS-786	Developing ASP.NET Web Applications (formerly CSIS-086)	
Subtotal		6
Total Units		18

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Programming

Gainful Employment Disclosures – 2021

Program Name PROGRAMMING

This program is designed to be completed in 8 months.

This program will cost \$828 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjs.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Computer Forensics Employment Concentration

This Employment Concentration Certificate will prove the student's ability to work in the Computer Forensics Industry, helping the student applying for jobs related to the mentioned industry, while continuing further coursework toward a full certificate or degree.

ECC.AJ.CF

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
AJ-103	Criminal Evidence	3

AJ-105	Tactical Communication and Report Writing for Law Enforcement (formerly Public Safety Report Writing)	3
CSIS-580	Computer Hardware - Level 1 (formerly CSIS-080)	4

Units **10**

Spring Semester 1

CSIS-282	Computer Forensics (formerly CSIS-182)	3
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Units **3**

Total Units **13**

Requirements

Course	Title	Credits
Required Courses		
AJ-103	Criminal Evidence	3
AJ-105	Tactical Communication and Report Writing for Law Enforcement (formerly Public Safety Report Writing)	3
CSIS-282	Computer Forensics (formerly CSIS-182)	3
CSIS-580	Computer Hardware - Level 1 (formerly CSIS-080)	4
Total Units		13

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Computer Hardware Specialist Certification

This program of study qualifies students to pass the A+ (A plus) certification given by the Computing Technology Industry Association (CompTIA). The A+ certification is an entry-level computer certification for students who desire to become PC computer service technicians. The exam is designed to certify the competency of entry-level PC computer service professionals in installing, maintaining, customizing, and operating personal computers.

ECC.CIS.A+

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of

courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
CSIS-580	Computer Hardware - Level 1 (formerly CSIS-080)	4
CSIS-581	Os Installation and Configuration (formerly CSIS-081)	3
Units		7
Total Units		7

Requirements

Course	Title	Credits
Required Courses		
CSIS-580	Computer Hardware - Level 1 (formerly CSIS-080)	4
CSIS-581	Os Installation and Configuration (formerly CSIS-081)	3
Total Units		7

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Cybersecurity Employment Concentration

The employment concentration in Cybersecurity is designed to provide students with the knowledge and skill to gain employment in such Cybersecurity fields such as Security Analyst, Security Specialist and Security Administrator. In addition, the course work prepares students to pass the Cisco Cybersecurity exams to become a certified associate in Security and Cyber Operation.

ECC.CIS.CYB

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
CSIS-202	CCNA 1 Computer Networks (formerly Networks and Data Communications)	3
CSIS-160	Information Security Systems	3
Units		6
Spring Semester 1		
CSIS-164	Cybersecurity: Ethical Hacking	3
CSIS-791	CCNA 2 Routing and Switching Essentials (formerly CSIS-091)	3
CSIS-594	Cyber Operations (formerly CSIS-094)	3
Units		9
Total Units		15

Requirements

Course	Title	Credits
Required Courses		
CSIS-160	Information Security Systems	3
CSIS-164	Cybersecurity: Ethical Hacking	3
CSIS-202	CCNA 1 Computer Networks (formerly Networks and Data Communications)	3
CSIS-594	Cyber Operations (formerly CSIS-094)	3
CSIS-791	CCNA 2 Routing and Switching Essentials (formerly CSIS-091)	3
Total Units		15

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Internet Authoring Apprentice Employment Concentration

This Employment Concentration Certificate will prove the student's ability to work as a Internet Authoring Apprentice, helping the student applying for jobs related to the mentioned industry, while continuing further coursework toward a full certificate or degree.

ECC.CIS.IAA

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
CSIS-103 or CSIS-111B	Introduction to the Internet or Fundamentals of Computer Programming	3
CSIS-115A	Web Development - Level 1	3
CSIS-525	Web Development - Level 2 (formerly CSIS-125A) ¹	3
Units		9
Total Units		9

¹ Take in the second 8 weeks.

Requirements

Course	Title	Credits
Required Courses		
Foundation Layer		
CSIS-103 or CSIS-111B	Introduction to the Internet Fundamentals of Computer Programming	3
Presentation Layer		
CSIS-115A	Web Development - Level 1	3
Interactive Layer		
CSIS-525	Web Development - Level 2 (formerly CSIS-125A)	3
Total Units		9

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.

2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Culinary Arts

Mt. San Jacinto College Culinary Arts Program provides students with a thorough education. Our program provides training in both culinary and baking and pastry. Our state-of-the-art kitchen and robust curriculum ensure students will learn the skills necessary for employment in many foodservice kitchens.

The Culinary Arts and Hospitality Program is a certificate program that will enable students to enter the culinary workforce with the confidence needed to build a successful career. The topics covered range from classical to modern techniques. This program will have a dual focus on both culinary and baking and pastry which will prepare students for employment in various departments of a food service establishment. Upon completion of this program, graduates will have a well-rounded education enabling them to work in any establishment, from casual to fine dining restaurants.

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Degrees/Certificates Certificates

- Culinary Arts & Hospitality Certificate (p. 207)

Note: This is a new Certificate with Federal Financial Aid eligibility anticipated Spring 2022.

Program Learning Outcomes

- Demonstrate and maintain proper safety and sanitation procedures, understanding of HACCP.
- Have knowledge of nutrition and how to create a nutritionally balanced menu.
- Demonstrate proper use of kitchen terminology, proper knife cuts and proper use and care of knives.
- Define major events in culinary history.

- Define various cooking methods.
- Prepare standardized recipes using a variety of cooking, baking and pastry techniques that meet industry standards.
- Demonstrate and explain how to calculate food costs, properly procure, purchase and receive food and dry items.
- Describe how to properly store food and dry items.
- Demonstrate how to properly set up a buffet and various styles of table service.
- Have knowledge and understand how to conduct business, manage employees, beverage service and effective communication skills.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Food Preparation Workers	\$28,030	11,340
Cooks, Institution and Cafeteria	\$34,149	2,109
Chefs and Head Cooks	\$51,007	1,745

Culinary Arts & Hospitality Certificate

The Culinary Arts and Hospitality Program is a certificate program that will enable students to enter the culinary workforce with the skills and confidence needed to build a successful career. The topics covered range from classical to modern techniques. This program focuses on both culinary and baking and pastry which will prepare students for employment in various departments of a food service establishment. Upon completion of this program graduates will have a well-rounded education enabling them to work in any establishment, from casual to fine dining restaurants.

CT.CUL

Note: This is a new Certificate with Federal Financial Aid eligibility anticipated Spring 2022.

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
CUL-110	Sanitation and Safety	2
CUL-150	Introduction to Culinary Arts 1	3
Units		5
Spring Semester 1		
CUL-500	Introduction to Culinary Arts 2	4
CUL-700	Culinary History	2
Units		6
Fall Semester 2		
CUL-705	Baking and Pastry	4
CUL-120	Food, Beverage and Labor Cost Control	3
Units		7
Spring Semester 2		
CUL-710	Entrepreneurship and Hospitality Management	2
CUL-750	The Art of Garde Manger	4
Units		6
Total Units		24

Requirements

Requirements

Course	Title	Credits
Required Courses		
CUL-110	Sanitation and Safety	2
CUL-120	Food, Beverage and Labor Cost Control	3
CUL-150	Introduction to Culinary Arts 1	3
CUL-500	Introduction to Culinary Arts 2	4
CUL-700	Culinary History	2
CUL-705	Baking and Pastry	4
CUL-710	Entrepreneurship and Hospitality Management	2
CUL-750	The Art of Garde Manger	4
Total Units		24

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Culinary Arts & Hospitality

Gainful Employment Disclosures – 2021

Program Name CULINARY ARTS & HOSPITALITY

This program is designed to be completed in 8 months.

This program will cost \$920 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Dance

Program Description

View on YouTube (<https://www.youtube.com/watch/?v=GmP8G5kcxxE>)

Have you ever thought about a career in dance? It's not too late! The dance program at MSJC offers opportunities for people of diverse backgrounds and experiences to pursue a career in the field of dance. Classes in various dance techniques, world dance forms, choreography, improvisation, performance, and dance history create a full program of study for the developing student. Dance techniques offered include modern dance/contemporary, jazz, ballet, hip hop, world dance forms, and tap. We look deeply into the genres we study to discover the intersections of race, class, and gender within the embodied histories of each form. Dance students enlarge their capacity to think critically and creatively, to embody compassion and sensitivity, and to build stronger, more supple and expressive bodies.

Dance majors go on to teach, perform, choreograph, direct, become dance therapists, write dance criticism, and/or become dance historians. Get started now in an enriching field of study by following a dance pathway that leads to a Certificate of Achievement in Dance, a Transfer

A.A. in Dance, matriculation to a university program, and/or jump-start into the professional arena.

Dance Department Page (<https://www.msjc.edu/dance/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Related-Content Groups

(4 attempts within a related-content group/each course 1 time for credit unless otherwise noted)

Course	Title	Credits
Ballet		
DAN-121A	Beginning Ballet (formerly DAN-121)	2
DAN-121B	Advanced Beginning Ballet	2
DAN-128A	Intermediate Ballet (formerly DAN-128) ¹	2
DAN-128B	Advanced Intermediate Ballet ¹	2
Choreography		
DAN/THA-108	Improvisation for Dance and Theater	3
DAN-125	Choreography I	3
DAN-225	Choreography II	3
Conditioning		
DAN-120	Conditioning and Alignment for Dance	2
Dance Production		
DAN/MUS/THA-209	(thru SU16)	
DAN-212	Dance Production	1-3
DAN-213	Dance Performance	1-3
DAN-214	Dance Touring Ensemble	3
DAN-216	Musical Theater Production: Dance	1-3
Hip Hop		
DAN-131A	Beginning Hip Hop (formerly DAN-131)	2
DAN-131B	Advanced Beginning Hip Hop	2
DAN-135A	Intermediate Hip Hop	2
DAN-135B	Advanced Intermediate Hip Hop	2
Jazz Dance		
DAN-123A	Beginning Jazz Dance	2
DAN-123B	Advanced Beginning Jazz Dance	2
DAN-127A	Intermediate Jazz Dance (formerly DAN-127)	2
DAN-127B	Advanced Intermediate Jazz Dance	2
Modern Dance		

DAN-122A	Beginning Modern Dance (formerly DAN-122)	2
DAN-122B	Advanced Beginning Modern Dance	2
DAN-126A	Intermediate Modern Dance ¹	2
DAN-126B	Advanced Intermediate Modern Dance ¹	2
Musical Theater Production		
DAN/MUS/THA-209	(thru SU16)	
DAN-216	Musical Theater Production: Dance	1-3
MUS-216	Musical Theater Production: Music	1-3
THA-216	Musical Theater Production: Theater ²	1-3
Tap Dance		
DAN-124	Beginning Tap Dance	2
DAN-129	Intermediate Tap Dance	2
World Dance		
DAN-201	Dances of the World	1

¹ Repeatable 2 times for credit.

² Repeatable 4 times for credit.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)

1-800-624-5561

Julie Freeman (951) 487-3630

jfreeman@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Paula Naggi (951) 639-5792

pnaggi@msjc.edu

Degrees/Certificates

Degrees

AA/AS Transfer Degrees

- Dance, A.A. (Transfer) (p. 209)

Non-Transfer Degree

- Dance, A.A. (p. 212)

Certificate

- Dance Certificate (p. 213)

Program Learning Outcomes

- Develop an awareness of the history, diversity, and cultural significance of dance.
- Apply knowledge and skills gained to new and varied situations through dance expression.
- Discover and evaluate movement through the use of aesthetic tools gained.
- Compose, perform and evaluate works of artistic expression.
- Examine anatomical ideas and discover the connections required to demonstrate depth of knowledge and technical ability.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Dancers (SM, A)	\$38,565	244
Choreographer (B)	\$57,963	109
Dance Teacher/Professor (B, M)	\$78,615	14,000
Occupational Therapist (M)	\$90,027	813
Physical Therapist (M, D)	\$94,692	1,360

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Dance, A.A. (Transfer)

The Associate of Arts degree in Dance provides a pathway for students who are interested in transferring to a 4-year university. It is designed to provide a foundation in dance history and theory, technique, and aesthetics in a small liberal arts environment. Students are immersed in a comprehensive program of dance study with a focus on choreography, improvisation, performance, history, and core techniques in commercial and contemporary styles. Students who complete the A.A. in Dance are prepared to audition for university dance programs and pursue the completion of a 4-year or other advanced degree. This two-year concentration also prepares the student for the rigors of pursuing a career as a dancer.

AA.DAN.OPTB or AA.DAN.OPTC

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- Starting in Spring?** Choose Fall Semester 1 courses.
- Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSULB & SDSU: General Education Option B

This program provides students with focused program options. A focused program map contains courses that help students specialize in a distinct

area and connects to careers. Talk to a counselor about preparing for transfer to specific schools.

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-115	Ideas of Mathematics	3
DAN-100	History and Appreciation of Dance	3
Select one of the following:		2
DAN-122A	Beginning Modern Dance	
DAN-122B	Advanced Beginning Modern Dance	
DAN-126A	Intermediate Modern Dance	
DAN-126B	Advanced Intermediate Modern Dance	
Select one of the following:		2
DAN-121A	Beginning Ballet	
DAN-121B	Advanced Beginning Ballet	
DAN-128A	Intermediate Ballet (formerly DAN-128)	
DAN-128B	Advanced Intermediate Ballet	
DAN-120	Conditioning and Alignment for Dance	2
Units		16
Spring Semester 1		
COMM-100 or COMM-103	Public Speaking or Interpersonal Communication	3
DAN-125	Choreography I	3
DAN-212 or DAN-213	Dance Production or Dance Performance	2
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
Select one of the following:		2
DAN-122A	Beginning Modern Dance	
DAN-122B	Advanced Beginning Modern Dance	
DAN-126A	Intermediate Modern Dance	
DAN-126B	Advanced Intermediate Modern Dance	
Select one of the following:		2
DAN-121A	Beginning Ballet	
DAN-121B	Advanced Beginning Ballet	
DAN-128A	Intermediate Ballet (formerly DAN-128)	
DAN-128B	Advanced Intermediate Ballet	
Units		15
Fall Semester 2		
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
ANTH-101	Physical Anthropology	3
HIST-112	U.S. History Since 1865	3
DAN-108	Improvisation for Dance and Theater	3
Select one of the following:		2
DAN-126A	Intermediate Modern Dance	
DAN-126B	Advanced Intermediate Modern Dance	
DAN-128A	Intermediate Ballet (formerly DAN-128)	
DAN-128B	Advanced Intermediate Ballet	

DAN-212 or DAN-213	Dance Production or Dance Performance	1
Select one of the following:		2
DAN-123A	Beginning Jazz Dance	
DAN-124	Beginning Tap Dance	
DAN-131A	Beginning Hip Hop (formerly DAN-131)	
ANTH-111	Physical Anthropology Lab	1
Units		18
Spring Semester 2		
PS-101	Introduction to American Government and Politics	3
THA-102	Theater History	3
ENVS-101	Environmental Science	3
DAN-133	History of Popular Dance in the United States	3
Select one of the following:		2
DAN-126A	Intermediate Modern Dance	
DAN-126B	Advanced Intermediate Modern Dance	
DAN-128A	Intermediate Ballet (formerly DAN-128)	
DAN-128B	Advanced Intermediate Ballet	
Select one of the following:		2
DAN-123B	Advanced Beginning Jazz Dance	
DAN-129	Intermediate Tap Dance	
DAN-131B	Advanced Beginning Hip Hop	
Units		16
Total Units		65

NOTE: Higher level dance courses can be taken by audition. Other levels of technique courses can be substituted as needed.

UCR: General Education Option C

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-115	Ideas of Mathematics	3
DAN-100	History and Appreciation of Dance	3
Select two of the following:		4
DAN-121A	Beginning Ballet	
DAN-122A	Beginning Modern Dance	
DAN-123A	Beginning Jazz Dance	
DAN-131A	Beginning Hip Hop (formerly DAN-131)	
Units		14
Spring Semester 1		
ENGL-103 or PHIL-112	Critical Thinking and Writing or Critical Thinking and Composition	3
DAN-125	Choreography I	3
DAN-212 or DAN-213	Dance Production or Dance Performance	1
ENVS-101	Environmental Science	3
Select two of the following:		4
DAN-121B	Advanced Beginning Ballet	
DAN-122B	Advanced Beginning Modern Dance	

DAN-123B	Advanced Beginning Jazz Dance	
DAN-131B	Advanced Beginning Hip Hop	
COMM-100	Public Speaking	3
Units		17
Summer 1		
ASL-100	American Sign Language I	4
Units		4
Fall Semester 2		
THA-136	Cultural History of American Motion Pictures	3
HIST-112	U.S. History Since 1865	3
DAN-108 or DAN-225	Improvisation for Dance and Theater or Choreography II	3
Select two of the following:		4
DAN-124	Beginning Tap Dance	
DAN-126A	Intermediate Modern Dance	
DAN-127A	Intermediate Jazz Dance (formerly DAN-127)	
DAN-128A	Intermediate Ballet (formerly DAN-128)	
DAN-135A	Intermediate Hip Hop	
DAN-212 or DAN-213	Dance Production or Dance Performance	2
Units		15
Spring Semester 2		
PS-101	Introduction to American Government and Politics	3
DAN-133	History of Popular Dance in the United States	3
ANTH-101 & ANTH-111	Physical Anthropology and Physical Anthropology Lab	4
Select two of the following:		4
DAN-129	Intermediate Tap Dance	
DAN-126B	Advanced Intermediate Modern Dance	
DAN-127B	Advanced Intermediate Jazz Dance	
DAN-128B	Advanced Intermediate Ballet	
DAN-135B	Advanced Intermediate Hip Hop	
DAN-120	Conditioning and Alignment for Dance	2
Units		16
Total Units		66

NOTE: Higher level dance courses can be taken by audition.

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Requirements

To prepare students for transfer, this degree combines the requirements for the Certificate of Achievement in Dance (21-23 units) with General Education Requirements Option B (CSU Breadth) or Option C (IGETC) for the completion of a minimum of 60 degree-applicable units total. Students must maintain an overall grade point average of 2.0 and a minimum grade of "C" (or "P") for each course in the major. Some courses

in this degree may count for both the degree and general education requirements.

The requirements for this degree may be met by completing the pattern described below plus all MSJC's General Education Option B (CSUGE) or Option C (IGETC) requirements.

Additional major preparation or elective courses may be required for specific institutions, and students transferring to a CSU or UC can refer to ASSIST.ORG (<https://catalog.msjc.edu/instructional-programs/dance/dance-aat/assist.org>) to review major preparation for specific majors and programs. Please meet with a Counselor for further transfer information.

Course	Title	Credits
MSJC General Education Option B or C (p. 97)		37-39

Required Dance Courses 9

Required Performance/Production Courses 3

Area A - Required Courses 6-8

Area B - Required Courses 3

Course	Title	Credits
Required Courses		
DAN-100/HIST-151	History and Appreciation of Dance	3
DAN-125	Choreography I	3
DAN-133	History of Popular Dance in the United States	3

Required Performance/Production Courses

Select three units of the following:

DAN-212	Dance Production	1-3
DAN-213	Dance Performance	1-3

Area A - Required Courses

DAN-120	Conditioning and Alignment for Dance	2
DAN-121A	Beginning Ballet	2
DAN-121B	Advanced Beginning Ballet	2
DAN-122A	Beginning Modern Dance	2
DAN-122B	Advanced Beginning Modern Dance	2
DAN-123A	Beginning Jazz Dance	2
DAN-123B	Advanced Beginning Jazz Dance	2
DAN-124	Beginning Tap Dance	2
DAN-126A	Intermediate Modern Dance	2
DAN-126B	Advanced Intermediate Modern Dance	2
DAN-127A	Intermediate Jazz Dance (formerly DAN-127)	2
DAN-127B	Advanced Intermediate Jazz Dance	2
DAN-128A	Intermediate Ballet (formerly DAN-128)	2
DAN-128B	Advanced Intermediate Ballet	2
DAN-129	Intermediate Tap Dance	2
DAN-131A	Beginning Hip Hop (formerly DAN-131)	2
DAN-131B	Advanced Beginning Hip Hop	2
DAN-135A	Intermediate Hip Hop	2
DAN-135B	Advanced Intermediate Hip Hop	2
DAN-201	Dances of the World	1

Area B - Required Courses

DAN/THA-108	Improvisation for Dance and Theater	3
DAN-214	Dance Touring Ensemble	3

DAN-225	Choreography II	3
Total Units		21-23

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Dance, A.A.

The Associate of Arts (AA) degree in Dance (non-transfer) is available by completing the 21-23 required units in the major and all MSJC General Education Option A requirements. This two-year concentration prepares the student for the rigors of teaching within the local studio system, recreational centers, after-school programs, or in opening their own studios. Students are immersed in a comprehensive program of dance study with a focus on choreography, improvisation, performance, history, and core techniques in commercial and contemporary styles. The Certificate of Achievement in Dance is completed on the path to this degree. If interested in transfer, students should instead pursue the transfer AA in Dance.

AA.DAN

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-105	College Algebra	4
DAN-100	History and Appreciation of Dance	3
Select two of the following: 4		
DAN-121A	Beginning Ballet (Select two of the following:)	
DAN-122A	Beginning Modern Dance	

DAN-123A	Beginning Jazz Dance	
DAN-131A	Beginning Hip Hop (formerly DAN-131)	
DAN-124	Beginning Tap Dance	
Units		15
Spring Semester 1		
ANTH-101	Physical Anthropology	3
DAN-212 or DAN-213	Dance Production or Dance Performance	1
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
Select two of the following:		4
DAN-121B	Advanced Beginning Ballet	
DAN-122B	Advanced Beginning Modern Dance	
DAN-123B	Advanced Beginning Jazz Dance	
DAN-131B	Advanced Beginning Hip Hop	
DAN-129	Intermediate Tap Dance	
DAN-125	Choreography I	3
Units		14
Fall Semester 2		
COMM-100	Public Speaking	3
DAN-108	Improvisation for Dance and Theater	3
Select two of the following:		4
DAN-126A	Intermediate Modern Dance	
DAN-127A	Intermediate Jazz Dance (formerly DAN-127)	
DAN-128A	Intermediate Ballet (formerly DAN-128)	
DAN-135A	Intermediate Hip Hop	
DAN-120	Conditioning and Alignment for Dance	2
DAN-214	Dance Touring Ensemble	3
DAN-212 or DAN-213	Dance Production or Dance Performance	2
Units		17
Spring Semester 2		
Select two of the following:		4
DAN-126B	Advanced Intermediate Modern Dance	
DAN-127B	Advanced Intermediate Jazz Dance	
DAN-128B	Advanced Intermediate Ballet	
DAN-135B	Advanced Intermediate Hip Hop	
DAN-225	Choreography II	3
ASL-100	American Sign Language I	4
DAN-133	History of Popular Dance in the United States	3
Units		14
Total Units		60

NOTE: Higher-level dance courses can be taken by audition. Other levels of technique courses can be substituted as needed.

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Dance Courses		9
Required Dance Production/Performance Courses		3
Dance Electives		9-11
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		
DAN-100/HIST-151	History and Appreciation of Dance	3
DAN-125	Choreography I	3
DAN-133	History of Popular Dance in the United States	3
Required Production/Performance Courses ¹		
DAN-212 or DAN-213	Dance Production Dance Performance	3

Elective Courses		
<i>Area A - Required Courses</i>		
Select 6-8 units from at least two different subjects/genres of dance below:		6-8

DAN-120	Conditioning and Alignment for Dance	
DAN-121A	Beginning Ballet	
DAN-121B	Advanced Beginning Ballet	
DAN-122A	Beginning Modern Dance	
DAN-122B	Advanced Beginning Modern Dance	
DAN-123A	Beginning Jazz Dance	
DAN-123B	Advanced Beginning Jazz Dance	
DAN-124	Beginning Tap Dance	
DAN-126A	Intermediate Modern Dance	
DAN-126B	Advanced Intermediate Modern Dance	
DAN-127A	Intermediate Jazz Dance (formerly DAN-127)	
DAN-127B	Advanced Intermediate Jazz Dance	
DAN-128A	Intermediate Ballet (formerly DAN-128)	
DAN-128B	Advanced Intermediate Ballet	
DAN-129	Intermediate Tap Dance	
DAN-131A	Beginning Hip Hop (formerly DAN-131)	
DAN-131B	Advanced Beginning Hip Hop	
DAN-135A	Intermediate Hip Hop	
DAN-135B	Advanced Intermediate Hip Hop	
DAN-201	Dances of the World	

<i>Area B - Required Courses</i>		
Select one of the following:		3
DAN-108 & THA-108	Improvisation for Dance and Theater and Improvisation for Dance and Theater	
DAN-214	Dance Touring Ensemble	
DAN-225	Choreography II	

Total Units 21-23

¹ Units may be combined from DAN-212 Dance Production and DAN-213 Dance Performance to satisfy the 3 unit requirement in this section.

It is highly recommended that the student be enrolled in a technique class (or more than one) every semester.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Dance Certificate

The Certificate of Achievement in Dance is designed to provide a foundation in dance theory, technique, and aesthetics within a small liberal arts college environment. Students are immersed in a comprehensive program of dance study with a focus on choreography, improvisation, performance, history, and core techniques in commercial and contemporary styles. This two-year concentration and training ground prepares the student for the rigors of teaching within the local studio system, recreational centers, after-school programs, or in opening their own studios. A student's potential and readiness to embark on a career as a dancer is enhanced through this course of study. When combined with GE requirements from Area B (CSU GE) or C (IGETC), the successful student is eligible for the A.A. in Dance (Transfer) and transfer to a four-year program to pursue a Bachelor of Arts degree in Dance. (Some courses may count for both certificate and general education requirements).

CT.DAN

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
DAN-100	History and Appreciation of Dance	3
Select one of the following		2
DAN-121A	Beginning Ballet	
DAN-122A	Beginning Modern Dance	
DAN-123A	Beginning Jazz Dance	
DAN-131A	Beginning Hip Hop (formerly DAN-131)	

Select one of the following:	2
DAN-121A Beginning Ballet	
DAN-122A Beginning Modern Dance	
DAN-123A Beginning Jazz Dance	
DAN-131A Beginning Hip Hop (formerly DAN-131)	
DAN-124 Beginning Tap Dance	

Units 7

Spring Semester 1

DAN-212 Dance Production	1
or DAN-213 or Dance Performance	

Select one of the following: 2

DAN-121B Advanced Beginning Ballet	
DAN-122B Advanced Beginning Modern Dance	
DAN-123B Advanced Beginning Jazz Dance	
DAN-131B Advanced Beginning Hip Hop	

DAN-125 Choreography I	3
------------------------	---

Units 6

Fall Semester 2

Select one of the following: 3

DAN-108 Improvisation for Dance and Theater	
DAN-214 Dance Touring Ensemble	
DAN-225 Choreography II	

Select one of the following: 2

DAN-126A Intermediate Modern Dance	
DAN-127A Intermediate Jazz Dance (formerly DAN-127)	
DAN-128A Intermediate Ballet (formerly DAN-128)	
DAN-135A Intermediate Hip Hop	
DAN-129 Intermediate Tap Dance	

DAN-212 Dance Production	2
or DAN-213 or Dance Performance	

Units 7

Spring Semester 2

Select one of the following: 2

DAN-126B Advanced Intermediate Modern Dance	
DAN-127B Advanced Intermediate Jazz Dance	
DAN-128B Advanced Intermediate Ballet	
DAN-131B Advanced Beginning Hip Hop	

DAN-133 History of Popular Dance in the United States	3
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Units 5

Total Units 25

Note: Higher level dance courses can be taken by audition. Other levels of technique courses can be substituted as needed.

Requirements

Course	Title	Credits
Required Courses		
DAN-100/HIST-151	History and Appreciation of Dance	3
DAN-125	Choreography I	3
DAN-133	History of Popular Dance in the United States	3

Subtotal 9

Required Performance/Production Courses

Select three units of the following:

DAN-212 Dance Production	
DAN-213 Dance Performance	

Subtotal 3

Area A - Required Courses

Choose from at least two different subjects/genres of dance below:

DAN-120 Conditioning and Alignment for Dance	
DAN-121A Beginning Ballet	
DAN-121B Advanced Beginning Ballet	
DAN-122A Beginning Modern Dance	
DAN-122B Advanced Beginning Modern Dance	
DAN-123A Beginning Jazz Dance	
DAN-123B Advanced Beginning Jazz Dance	
DAN-124 Beginning Tap Dance	
DAN-126A Intermediate Modern Dance	
DAN-126B Advanced Intermediate Modern Dance	
DAN-127A Intermediate Jazz Dance (formerly DAN-127)	
DAN-127B Advanced Intermediate Jazz Dance	
DAN-128A Intermediate Ballet (formerly DAN-128)	
DAN-128B Advanced Intermediate Ballet	
DAN-129 Intermediate Tap Dance	
DAN-131A Beginning Hip Hop (formerly DAN-131)	
DAN-131B Advanced Beginning Hip Hop	
DAN-135A Intermediate Hip Hop	
DAN-135B Advanced Intermediate Hip Hop	
DAN-201 Dances of the World	

Subtotal 6-8

Area B - Required Courses

Select one of the following:

DAN/THA-108 Improvisation for Dance and Theater	
DAN-214 Dance Touring Ensemble	
DAN-225 Choreography II	

Subtotal 3

Total Units 21-23

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer.

The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Diagnostic Medical Sonography

Admission Information

The following must be met prior to the application deadlines:

1. Admission to Mt. San Jacinto College, completion of orientation, optional advisement
2. Proof of High School Diploma or GED, California Proficiency Exam or College Degree
3. Submission of Official Transcripts from all Colleges and/or Universities attended to Enrollment Services
4. Attend Information Workshop or view workshop presentation on website
5. A minimum cumulative GPA of at least 2.5 on a 4.0 college scale and a grade of "C" or better in the required pre-requisite courses.
6. A minimum grade of "C" or better in all required General Education courses.
7. Admission will be offered to students with a complete application and rank the highest on the Multi-Criteria Selection process.

Program Description

View on YouTube (<https://www.youtube.com/watch?v=mlpxNUaE1IQ>)

The Diagnostic Medical Sonography program is a non-transfer AS degree program, consisting of a cohort group completing 4 semesters + 1 summer semester which includes a 12-month clinical internship. This program is competitive in nature due to the greater number of applicants as compared to the number of available clinical internships. This degree program provides an opportunity for students to be educated and trained in the healthcare career of Diagnostic Medical Sonography. The objective of the program is to graduate students who are competent and confident in providing excellent patient care in the field of sonography.

The goal of our DMS program is to prepare competent entry-level sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. Students will demonstrate a high competency in anatomy and pathology, as seen on the ultrasound exam. Students will be evaluated on didactic learning in Ultrasound Physics and Instrumentation, hands-on scanning skills, communication skills, patient care, and critical thinking ability.

Students will practice ultrasound scanning skills with ultrasound equipment in the campus lab. Those skills will be applied and enhanced in an affiliated medical center by training on the job with a licensed sonographer scanning patients. The DMS program prepares the student to work in an ultrasound department performing abdomen, superficial structures (thyroid, breast, and testicular), gynecology, and obstetric ultrasound exams. Additional vascular didactic and lab training is included in the program curriculum, although our program has not pursued vascular accreditation at this time.

The didactic education will prepare the student for taking the national exams of the American Registry of Diagnostic Medical Sonography (ARDMS). These exams include Sonography Physics and Instrumentation (SPI), Abdominal (ABD) and Obstetrics and Gynecology (OB-GYN).

Diagnostic Medical Sonography Department Page (<https://www.msjc.edu/nursingandalliedhealth/dms/>)

Accreditation Status

The DMS program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) and by the Joint Review Commission for Diagnostic Medical Sonography (JRC-DMS). This achievement places MSJC's DMS program among the top programs in the United States. Accreditation increases opportunities for student clinical training strengthens the student learning process and increases opportunities for student employment after graduation. Students enrolled in an accredited DMS program are eligible to take the ARDMS national board exams up to 60 days prior to graduation.

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)

1-800-624-5561

Nursing and Allied Health (951) 732-8911

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Nursing and Allied Health Unit (951) 732-8911

Selection

Criteria	Maximum Points for Each Category	Point Distribution and Explanation
1. Previous Academic Degrees, Diploma = AA/AS or BA/BS or higher	10	Points for this criteria are given for any prior degrees or multiple degrees. Score will either be 10 points or 0 points multiple # of degrees do not add points

<p>2. Licensed Healthcare work or Certified Healthcare work *See adjacent column: License or certificate must be direct patient care. Volunteer hours do not count</p>	<p>10</p>	<p>Points for this criteria are given for health care licensing, certificate or multiple licenses. Licenses/Certifications Must be Current with the United States. Score will be either 10 points or 0 points multiple # licenses/certifications do not add points. *Examples of Approved Direct Patient Care, including but not limited to: Licenses/Certifications: Imaging Technologist (RT): X-ray, MRI, CT, Nuclear Medicine, Mammography, CNA, LVN, RN, MA, HHA, Paramedic, Emergency Medical Technician-EMT, Respiratory Therapist, Physical Therapist, Dental Hygienist, Phlebotomist</p>
<p>3. GPA from Prerequisite Courses Minimum GPA to apply is 2.5</p>	<p>40</p>	<p>3.9 – 4.0 = 40 points 3.5 – 3.8 = 30 points 3.0 – 3.4 = 20 points 2.5 – 2.9 = 10 points</p>
<p>4. Completion of all General Education Units</p>	<p>5</p>	<p>Points for these criteria are given for completion of all General Education requirements. (Option A)</p>
<p>5. Approved Diagnostic Assessment Tool = Test of Essential Academic Skills (TEAS VI) or most current version *Minimum score to apply is 70% Study material & test registration on ATI website: www.atitesting.com (http://www.atitesting.com)</p>	<p>35</p>	<p>Points for TEAS is a maximum of 35 points. Score 90 to 100% = 35 points Score 82 to 89% = 30 points Score 74 to 81% = 25 points Score 70 to 73% = 20 points (The highest score on the TEAS will be accepted, limit of 2 attempts)</p>
<p>Total Maximum Points</p>		<p>100</p>
<p>• NEW March 2021: Additional 1 point for each year of a complete application.</p>		<p>One point will be added each year for an application that contains *all application requirements.</p>

Degrees/Certificates Degrees

Non-Transfer Degree

- Diagnostic Medical Sonography, A.S. (p. 216)

Program Learning Outcomes

- Complete the American Registry of Diagnostic Medical Sonographers Physics and Instrumentation exam and one or more specialty exams of Abdomen and Obstetrics/ Gynecology.
- Apply knowledge of proper use of ultrasound equipment and demonstrate image improvement through manipulating the instrumentation of the equipment.
- Document proper imaging of the abdomen, small parts, obstetrics and gynecology ultrasound exams.
- Use effective communication with patients, staff, and physicians.
- Show discretion with and implement HIPPA laws for all patients.
- Demonstrate professional and ethical behavior in the workplace.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Sonographer Technologist (C, A)	\$71,410-\$93,098	455
Cardiovascular Technologist (C, A)	\$55,270	455
Radiologic Technologist (C, A)	\$58,440	455

Diagnostic Medical Sonography, A.S.

The 57 units list below plus all MSJC General Education Option A requirements are required to earn an Associate in Science degree in Diagnostic Medical Sonography. See counselor for recommended vocational and academic courses.

Diagnostic Medical Sonography Department Page (<https://www.msjc.edu/nursingandalliedhealth/dms/>)

AS.DMS

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed

by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A Pre-DMS - Diagnostic Medical Sonography

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-105	College Algebra	4
AH-105	Medical Terminology	3
BIOL-100	Human Biology	4
Units		15
Spring Semester 1		
PS-101	Introduction to American Government and Politics	3
PSYC-101	Introduction to Psychology	3
SPAN-101	Elementary Spanish I	4
ANAT-101	Human Anatomy & Physiology I	4
Units		14
Fall Semester 2		
NUTR-101	Introduction to Nutrition Science (formerly Nutrition and Foods)	3
SPAN-102	Elementary Spanish II	4
COMM-103	Interpersonal Communication	3
ANAT-102	Human Anatomy & Physiology II	4
ART-104	World Art	3
Units		17
Spring Semester 2		
SOCI-101	Principles of Sociology	3
ANTH-102	Cultural Anthropology	3
PSYC-103	Human Development	3
HS-121	Fundamentals of Healthful Living	3
PHY-100	Physical Science in Modern Society (formerly Conceptual Physics)	3
Units		15
Total Units		61

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 85)		24
Program Prerequisites		20-21
DMS Program Courses		57

Program Prerequisites

Course	Title	Credits
AH-105	Medical Terminology	3
ANAT-101	Human Anatomy & Physiology I	4
ANAT-102	Human Anatomy & Physiology II	4
COMM-103 or COMM-103H	Interpersonal Communication Honors Interpersonal Communication	3
MATH-105 or MATH-140	College Algebra (or higher) Introduction to Statistics	3-4
PHY-100	Physical Science in Modern Society (formerly Conceptual Physics)	3
Total Units		20-21

DMS Program Courses

Course	Title	Credits
Semester One		
DMS-100	Fundamentals of Diagnostic Medical Sonography	2
DMS-101	Pathophysiology	3
DMS-103	Patient Care Techniques for Sonographers	3
DMS-125	Ultrasound Physics and Instrumentation I	2
Semester Two		
DMS-102	Sonography Medical Ethics	3
DMS-104	Clinical Observation	2
DMS-110	Sectional Imaging	2
DMS-120	General Sonography Scanning Lab (formerly Abdomen Scanning)	1.5
DMS-122	Ultrasound Pathology I	3
DMS-135	Ultrasound Physics and Instrumentation II	2
Summer		
DMS-114	Clinical Experience I	5
Semester Three		
DMS-124	Clinical Experience II	10
DMS-130	Obstetric/Gynecology Scanning	1.5
DMS-132	Ultrasound Pathology II	3
DMS-140	Introduction to Vascular Imaging	2
Semester Four		
DMS-134	Ultrasound Seminar	2
DMS-136	Clinical Experience III (formerly Clinical Experience IV)	10
Total Units		57

The sonography courses must be taken in a specific sequence, students must attain a minimum grade of "C" or above in all required courses in order to obtain the degree.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Digital Media

Program Description

View on YouTube (<https://www.youtube.com/watch?v=atyV1ariBEM>)

Have you ever wanted to create professional videos, grow your social media presence, or express an idea through custom animations? Sure, these sound fun, but what if you could make a living doing exactly these and make the jump from media consumer to the creator?

The Digital Media program focuses on current industry trends in hardware and software to equip you with the tools you need to become a next-generation storyteller. With vibrant careers in a booming industry, our classes will deepen your understanding of your own personal brand, give you real client experience, and prepare you for the creative workforce. So long, boring careers.

Digital Media Department Page (<https://www.msjc.edu/digitalmedia/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)

1-800-624-5561

Alan Marsala (951) 639-5545

amarsala@msjc.edu

Digital Media Office (951) 639-5549

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Alan Marsala (951) 639-5545

amarsala@msjc.edu

Digital Media Office (951) 639-5549

Degrees/Certificates

Degrees

Non-Transfer Degree

- Digital Media, A.S. (p. 218)

Certificate

- Digital Media Certificate (p. 220)

Employment Concentrations

- Digital Media Design Employment Concentration (p. 221)
- Social Media Specialist Employment Concentration (p. 222)
- Video Production Employment Concentration (p. 223)
- Visual Effects Employment Concentration (p. 223)

Program Learning Outcomes

- Apply information and digital design concepts.
- Communicate verbally and visually, demonstrating creativity and innovation.
- Demonstrate professional accountability, task completion and appropriate team interaction.
- Demonstrate professional level production skills effectively.
- Interpret, evaluate, and apply digital media effectively

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Video Editor (SM), A, B	\$69,854	1,751
UI/UX Designer (A, B)	\$69,370	2,584
Camera Operators, TV, Video (SM, A, B)	\$59,450	739
Social Media Strategists (SM, A, B)	\$78,692	4,095

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Digital Media, A.S.

The non-transfer Certificate/Associate degree (AS) in Digital Media is designed to prepare students for entry into careers associated with video production, video editing, motion graphics, visual effects, and social media marketing. This program specifically provides students with a

strong foundation in visual communication, professional production skills, verbal and visual creativity, and accountability in individual and team interactions. Apprenticeship, internships and special projects are also available. For individuals currently working within these fields, there may be potential for salary and/or career advancement.

AS.DM

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

Course	Title	Units
Fall Semester 1		
DIG-110	Introduction to Digital Media	3
COMM-103	Interpersonal Communication	3
ENVS-100	Humans and Scientific Inquiry	3
CSCR-116	Integrative Career/Life Planning (formerly GUID-116)	3
ENGL-101	College Composition (formerly Freshman Composition)	4
Units		16
Spring Semester 1		
DIG-180	Digital Media Design (formerly MUL-112 Interactive Media Design I)	3
DIG-190	Video Production I (formerly Digital Video Design I)	3
THA-136	Cultural History of American Motion Pictures	3
ART-131	Introduction to Digital Art	3
MATH-115	Ideas of Mathematics	3
Units		15
Fall Semester 2		
DIG-592	Digital Video Design II (formerly DIG-191)	3
DIG-181	Social Media Marketing (formerly DIG-581)	3
PS-101	Introduction to American Government and Politics	3
ART-104	World Art	3
DIG-570	Motion Graphics (formerly DIG-172)	3
Units		15
Spring Semester 2		
DIG-598	Digital Media Project Management (formerly DIG-198)	3
PHOT-125	Digital Photography Production I	3
DIG-582	Advanced Social Media Marketing (formerly DIG-182)	3
BADM-104	Business Communications	3

AUD-140	Beginning Studio Recording	3
Units		15
Total Units		61

NOTE: Transfer Level Math courses are recommended. However, MATH-096 Intermediate Algebra (5 units) will satisfy the Math requirement.

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Digital Media Courses		9
Digital Media Electives		15
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		
DIG-110	Introduction to Digital Media	3
DIG-180	Digital Media Design (formerly MUL-112 Interactive Media Design I)	3
DIG-598	Digital Media Project Management (formerly DIG-198)	3
Elective Courses		
Select 15 units from the following:		15
AUD/MUS-143	Pro Tools 101 (formerly Computer Audio Editing)	
AUD-180/DIG-190	Video Production I	
DIG-181	Social Media Marketing (formerly DIG-581)	
DIG-299	Special Projects: Digital Media (formerly MUL-299 Special Projects: Multimedia)	
DIG-549	Cooperative Work Experience: Digital Media (formerly DIG-149)	
DIG-570	Motion Graphics (formerly DIG-172)	
DIG-572	3D Animation (formerly DIG-170)	
DIG-575	Animation Production (formerly DIG-175)	
DIG-582	Advanced Social Media Marketing (formerly DIG-182)	
DIG-592	Digital Video Design II (formerly DIG-191)	
or AUD-183	Video Production II (formerly AUD-153)	
DIG-593	Professional Production (formerly DIG-195)	
DIG-594	Production Management (formerly DIG-193)	
PHOT-125	Digital Photography Production I	
Total Units		24

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.

2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Digital Media Certificate

The non-transfer Certificate in Digital Media is designed to prepare students for entry into careers associated with video production, video editing, motion graphics, visual effects, and social media marketing. This program specifically provides students with a strong foundation in visual communication, professional production skills, verbal and visual creativity, and accountability in individual and team interactions. Apprenticeship, internships and special projects are also available. For individuals currently working within these fields, there may be potential for salary and/or career advancement.

CT.DM

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

This program provides students with focused program options. A focused program map contains courses that help students specialize in a distinct area and connects to careers. Talk to a counselor about preparing for transfer to specific schools.

Digital Media Design

Course	Title	Units
Fall Semester 1		
DIG-110	Introduction to Digital Media	3
DIG-190	Video Production I (formerly Digital Video Design I)	3
ART-120	2D Design	3
Units		9
Spring Semester 1		
DIG-180	Digital Media Design (formerly MUL-112 Interactive Media Design I)	3
DIG-570	Motion Graphics (formerly DIG-172)	3
DIG-590	Digital Video Editing (formerly DIG-192)	3
Units		9
Fall Semester 2		
DIG-598	Digital Media Project Management (formerly DIG-198)	3

DIG-574	Virtual Reality (formerly DIG-194)	3
Units		6
Total Units		24

Digital Visual Effects

Course	Title	Units
Fall Semester 1		
DIG-110	Introduction to Digital Media	3
DIG-190	Video Production I (formerly Digital Video Design I)	3
Units		6
Spring Semester 1		
DIG-180	Digital Media Design (formerly MUL-112 Interactive Media Design I)	3
DIG-181	Social Media Marketing (formerly DIG-581)	3
DIG-570	Motion Graphics (formerly DIG-172)	3
Units		9
Fall Semester 2		
DIG-572	3D Animation (formerly DIG-170)	3
DIG-598	Digital Media Project Management (formerly DIG-198)	3
DIG-575	Animation Production (formerly DIG-175)	3
Units		9
Total Units		24

Social Media Specialist

Course	Title	Units
Fall Semester 1		
DIG-110	Introduction to Digital Media	3
ART-120	2D Design	3
DIG-190	Video Production I (formerly Digital Video Design I)	3
Units		9
Spring Semester 1		
DIG-180	Digital Media Design (formerly MUL-112 Interactive Media Design I)	3
DIG-181	Social Media Marketing (formerly DIG-581)	3
DIG-570	Motion Graphics (formerly DIG-172)	3
Units		9
Summer 1		
DIG-582	Advanced Social Media Marketing (formerly DIG-182)	3
DIG-598	Digital Media Project Management (formerly DIG-198)	3
Units		6
Total Units		24

Video Production

Course	Title	Units
Fall Semester 1		
DIG-110	Introduction to Digital Media	3

DIG-190	Video Production I (formerly Digital Video Design I)	3
Units		6
Spring Semester 1		
DIG-180	Digital Media Design (formerly MUL-112 Interactive Media Design I)	3
DIG-592	Digital Video Design II (formerly DIG-191)	3
DIG-590	Digital Video Editing (formerly DIG-192)	3
Units		9
Fall Semester 2		
DIG-594	Production Management (formerly DIG-193)	3
DIG-593	Professional Production (formerly DIG-195)	3
DIG-598	Digital Media Project Management (formerly DIG-198)	3
Units		9
Total Units		24

Requirements

Course	Title	Credits
Required Courses		
DIG-110	Introduction to Digital Media	3
DIG-180	Digital Media Design (formerly MUL-112 Interactive Media Design I)	3
DIG-598	Digital Media Project Management (formerly DIG-198)	3
Subtotal		9
Elective Courses		
Select 15 units from the following:		15
AUD/MUS-143	Pro Tools 101 (formerly Computer Audio Editing)	
AUD-180/DIG-190	Video Production I	
DIG-181	Social Media Marketing (formerly DIG-581)	
DIG-299	Special Projects: Digital Media (formerly MUL-299 Special Projects: Multimedia)	
DIG-549	Cooperative Work Experience: Digital Media (formerly DIG-149)	
DIG-570	Motion Graphics (formerly DIG-172)	
DIG-572	3D Animation (formerly DIG-170)	
DIG-575	Animation Production (formerly DIG-175)	
DIG-582	Advanced Social Media Marketing (formerly DIG-182)	
DIG-592	Digital Video Design II (formerly DIG-191)	
or AUD-183	Video Production II (formerly AUD-153)	
DIG-593	Professional Production (formerly DIG-195)	
DIG-594	Production Management (formerly DIG-193)	
PHOT-125	Digital Photography Production I	
Total Units		24

Careers and Salaries

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Digital Media

Gainful Employment Disclosures – 2021

Program Name DIGITAL MEDIA

This program is designed to be completed in 8 months.

This program will cost \$1,104 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Digital Media Design Employment Concentration

Digital Media Designers produce creative, comprehensive layouts and high-level designs for deliverables requiring strong conceptualization of ideas in preparation of original art and media for digital media.

ECC.DM.DMD

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
DIG-110	Introduction to Digital Media	3
ART-120	2D Design	3
DIG-110	Introduction to Digital Media	3
Units		9
Spring Semester 1		
DIG-590	Digital Video Editing (formerly DIG-192)	3
DIG-180	Digital Media Design (formerly MUL-112 Interactive Media Design I)	3
Units		6
Fall Semester 2		
DIG-570	Motion Graphics (formerly DIG-172)	3
Units		3
Total Units		18

Requirements

Course	Title	Credits
Required Courses		
ART-120	2D Design	3
DIG-110	Introduction to Digital Media	3
DIG-180	Digital Media Design (formerly MUL-112 Interactive Media Design I)	3
DIG-570	Motion Graphics (formerly DIG-172)	3
DIG-590	Digital Video Editing (formerly DIG-192)	3
Total Units		15

Career Exploration

Discover information about careers that interest you!

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2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Social Media Specialist Employment Concentration

Social media specialists administer and coordinate social media marketing and advertising campaigns, develop marketing plans, cultivate an engagement and promotion strategy, and determine marketing strategies using tools and analytics. Social media marketers develop brand awareness and online reputation, manage and communicate content, and monitor, listen and respond to users.

ECC.DM.SMS

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
DIG-110	Introduction to Digital Media	3
MGT-520	Principles of Marketing Management (formerly MGT-205)	3
Units		6
Spring Semester 1		
DIG-180	Digital Media Design (formerly MUL-112 Interactive Media Design I)	3
DIG-181	Social Media Marketing (formerly DIG-581)	3
Units		6
Fall Semester 2		
DIG-582	Advanced Social Media Marketing (formerly DIG-182)	3
Units		3
Total Units		15

Requirements

Course	Title	Credits
Required Courses		
DIG-110	Introduction to Digital Media	3
DIG-180	Digital Media Design (formerly MUL-112 Interactive Media Design I)	3
DIG-181	Social Media Marketing (formerly DIG-581)	3
DIG-582	Advanced Social Media Marketing (formerly DIG-182)	3
MGT-520	Principles of Marketing Management (formerly MGT-205)	3
Total Units		15

Career Exploration

Discover information about careers that interest you!

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2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Video Production Employment Concentration

Video producers, designers, and editors create innovative, highly visual and interactive productions connecting stories to the world. These streaming productions combine visual styles, content, and motion for communicating online, internally, broadcast, and social media outlets for commercial, nonprofit, and entertainment companies.

ECC.DM.VP

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
AUD-180/DIG-190	Video Production I	3
Units		3
Spring Semester 1		
DIG-590	Digital Video Editing (formerly DIG-192)	3
Units		3
Fall Semester 2		
DIG-592	Digital Video Design II (formerly DIG-191)	3
Units		3
Spring Semester 2		
DIG-593	Professional Production (formerly DIG-195)	3
DIG-594	Production Management (formerly DIG-193)	3
Units		6
Total Units		15

Requirements

Course	Title	Credits
Required Courses		
DIG-190	Video Production I (formerly Digital Video Design I)	3
DIG-590	Digital Video Editing (formerly DIG-192)	3
DIG-592	Digital Video Design II (formerly DIG-191)	3
DIG-593	Professional Production (formerly DIG-195)	3
DIG-594	Production Management (formerly DIG-193)	3
Total Units		15

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Visual Effects Employment Concentration

Visual effects artists and technicians employ compositing, motion graphics, video editing, 3D animation, texture and lighting, modeling, rendering, and motion capture to make corporate, commercial, and film industry projects stand out with well-integrated special effects.

ECC.DM.DVE

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
DIG-190 or AUD-180	Video Production I (formerly Digital Video Design I) or Video Production I	3
Units		3

Spring Semester 1

DIG-572	3D Animation (formerly DIG-170)	3
DIG-570 or DIG-574	Motion Graphics (formerly DIG-172) or Virtual Reality (formerly DIG-194)	3

Units	6
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Fall Semester 2

DIG-575	Animation Production (formerly DIG-175)	3
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Units	3
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Total Units	12
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Requirements

Course	Title	Credits
Required Courses		
DIG-190/AUD-180	Video Production I (formerly Digital Video Design I)	3
DIG-570	Motion Graphics (formerly DIG-172)	3
DIG-572	3D Animation (formerly DIG-170)	3
DIG-574 or DIG-592	Virtual Reality (formerly DIG-194) Digital Video Design II (formerly DIG-191)	3
DIG-575	Animation Production (formerly DIG-175)	3
Total Units		15

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Economics**Program Description**

In business, there are three main “languages” – accounting, finance, and economics. Economics is the core principle and terminology behind accounting and finance that drive decisions across businesses, governments, organizations, consumer household markets, and global economies. Economics is fundamentally changing interactions between consumers, businesses, organizations and governments throughout the world.

The mission of the Economics program is to acquaint students with economic aspects of critical thinking and logical analysis, mathematical concepts and quantitative reasoning through communication and composition, problem-based learning, and the study of business and economic literature.

These skills provide the fundamental foundation for academic and career pathway success. The economics curriculum is designed to equip students with the skills and knowledge of macroeconomics, microeconomics, and environmental economics; as related to politics and history, business and markets, governments and global economies, as well as social and cultural institutions. The Economics pathway program is intended for students who are planning to transfer to a four-year college or for a business occupational area of his/her own choice. Transfer students may earn an Associate degree in Economics for Transfer. This degree pathway is designed to accommodate the differing requirements for a wide variety of transfer institutions and provide a guided pathway to achieve transfer goals and career success.

An economics degree will boost student employability in many areas, regardless of the industry. There is a strong demand for highly numerate graduates throughout the global labor market. The widely transferable analytical and problem-solving skills developed by economics students mean that careers in economics are extremely wide-ranging and diverse.

Economic majors may pursue diverse career paths. Popular undergraduate majors related to the field of Economics include Accounting, Banking and Financial Services, Business Administration, Business Economics, Business Law, Entrepreneurship, Environmental Economics, Environmental Studies, International Business, Management, Marketing, Public Administration, along with an array of career opportunities, both in government, private, and international sectors. For individuals currently working within these fields, there may be potential for salary and/or career advancement.

Economics Department Page (<https://www.msjc.edu/economics/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

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1-800-452-3335
Dewey Heinsma (951) 639-5636
dheinsma@msjc.edu

Degrees/Certificates

Degrees

Transfer Degree

- Economics, A.A.-T (p. 225)

Program Learning Outcomes

- Analyze, apply, and communicate economic principles and polices.
- Demonstrate an understanding of the workings of the US economy and its institutions in a global context.
- Identify, evaluate, and solve economic problems.
- Assess benefits and costs of economic decision-making

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Economist (B, M)	\$110,469	131
Market Research Analyst (B, M)	\$71,927	11,734
Financial Analyst (B, M)	\$84,300	296,000

(*degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate*)

Economics, A.A.-T

An A.A.-T in Economics for Transfer will fulfill the requirements for students to transfer to a CSU institution as an Economics major.

The courses in the A.A.-T in Economics for Transfer provide students with an ability to solve quantitative problems and think critically regarding macro and micro economic ideas and issues they encounter and to demonstrate problem solving through the means of problem based activities.

This Associate in Arts in Economics for Transfer degree is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing this degree is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a counselor to develop an educational plan and receive university admission and transfer requirements.

AA.ECON.OPTBAAT or AA.ECON.OPTCAAT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of

courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-140	Introduction to Statistics	3
ECON-201	Principles of Macroeconomics	3
COMM-100	Public Speaking	3
SOCI-102	Contemporary Social Problems	3
Units		16
Spring Semester 1		
MATH-135	Calculus for Social Science and Business	3
ECON-202	Principles of Microeconomics	3
ENGL-103	Critical Thinking and Writing	3
ENVS-101	Environmental Science	3
PHIL-101	Introduction to Philosophy I	3
ENVS-102	Environmental Science Laboratory	1
Units		16
Fall Semester 2		
ACCT-124	Financial Accounting - Principles of Accounting I	3
Select one of the following:		3
HIST-111	U.S. History to 1877	
HIST-112	U.S. History Since 1865	
MUS-108	History of Jazz and Blues	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
Units		13
Spring Semester 2		
PS-101	Introduction to American Government and Politics	3
ACCT-125	Managerial Accounting-Principles of Accounting II	3
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
BADM-103	Introduction to Business	3
ANTH-101	Physical Anthropology	3
Units		15
Total Units		60

UC: General Education Option C

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-140	Introduction to Statistics	3
ECON-201	Principles of Macroeconomics	3
MUS-108	History of Jazz and Blues	3
HIST-104	World History Since 1500	3
Units		16
Spring Semester 1		
MATH-135	Calculus for Social Science and Business	3
ECON-202	Principles of Microeconomics	3
ENGL-103	Critical Thinking and Writing	3
ENVS-101	Environmental Science	3
HIST-101	Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3
Units		15
Fall Semester 2		
ACCT-124	Financial Accounting - Principles of Accounting I	3
SOCI-101	Principles of Sociology	3
BADM-103	Introduction to Business	3
BIOL-100	Human Biology	4
ECON-203	Introduction to Environmental Economics	3
Units		16
Spring Semester 2		
ACCT-125	Managerial Accounting-Principles of Accounting II	3
COMM-100	Public Speaking	3
BADM-201	Legal Environment of Business	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
Units		13
Total Units		60

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Requirements

Course	Title	Credits
Required Core Courses		
ECON-201 or ECON-201H	Principles of Macroeconomics Honors Principles of Macroeconomics	3
ECON-202 or ECON-202H	Principles of Microeconomics Honors Principles of Microeconomics	3
MATH-140	Introduction to Statistics	3

Select one of the following: 3-8

MATH-135	Calculus for Social Science and Business
MATH-211	Analytic Geometry and Calculus I
MATH-211 & MATH-212	Analytic Geometry and Calculus I and Analytic Geometry and Calculus II
MATH-211 & MATH-212H	Analytic Geometry and Calculus I and Honors Analytic Geometry and Calculus II

List A: Select one

Select any course from Required Core not used above or one of the following courses: 3-4

ACCT-124	Financial Accounting - Principles of Accounting I
or ACCT-124H	Honors Financial Accounting - Principles of Accounting I
ACCT-125	Managerial Accounting-Principles of Accounting II
or ACCT-125H	Honors Managerial Accounting - Principles of Accounting II
MATH-212	Analytic Geometry and Calculus II
or MATH-212H	Honors Analytic Geometry and Calculus II

List B: Select one

Select any course from List A not used above or one of the following courses: 3-5

ECON-203	Introduction to Environmental Economics
MATH-213	Analytic Geometry and Calculus III
or MATH-213H	Honors Analytic Geometry and Calculus III
MATH-218	Linear Algebra

Course	Title	Credits
Units for Major		18-25
CSU General Education or IGETC Pattern		37-39

Possible double counting: 9 units

Transferable Electives (as needed to reach 60 CSU transferable units)

Total Units for A.A.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet

with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Engineering Technology

Program Description

Engineers help find ways to feed and house the world! And have shrunk supercomputers to fit into your pocket! Everything around you was created with the designs and innovation of Engineers.

Engineers combine an understanding of people's goals, innovative science, practical methods and perseverance to create the modern world.

Engineers work in research and development, design, planning, construction, manufacturing, information systems, environment and sustainability, management, marketing, and management. Some work as parts of large and small companies. Some start their own companies!

With dozens of recognized Engineering disciplines and subdisciplines, beginning your path to becoming an Engineer begins with joining the MSJC Engineering program! Starting with the fundamentals, you may work toward any Engineering field including Civil, Architectural, Electrical/Electronics, Mechanical, and Manufacturing amongst many others.

MSCJ's Engineering program is committed to providing a great start for people who want to get straight to work in Engineering and related fields or continue their Engineering education.

Engineering Technology Department Page (<https://www.msjc.edu/engineeringtechnology/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students

are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

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1-800-624-5561

Dean of Instruction, Career Education (951) 639-5352

careereducation@msjc.edu

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1-800-452-3335

Dean of Instruction, Career Education (951) 639-5352

careereducation@msjc.edu

Degrees/Certificates

Degrees

Non-Transfer Degrees

- Engineering: Drafting Technology, A.S. (p. 228)

Certificates

- Engineering Technologist Support Certificate (p. 229)
- Engineering: Drafting Technology Certificate (p. 230)

Employment Concentrations

- Surveying Employment Concentration (p. 231)

Program Learning Outcomes

- Students will demonstrate technical skills used in the industry for engineering technology disciplines such as advanced manufacturing, civil and architectural, and electronics.
- Students will use the principles of engineering design to develop a solution, device, or process that resolves a problem or improves an existing solution.
- Students will solve technical problems in engineering technology using a combination of mathematics, computer software, scientific principles, and relevant skills.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Surveying Technicians (C, A)	\$63,793	625
Civil Engineers (B, M)	\$103,372	3,880

Mechanical Engineering Technologists (A, B)	\$70,346	1,009
Mapping Technicians (SM, C, B)	\$68,502	306

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Engineering: Drafting Technology, A.S.

The non-transfer Associates Degree in Engineering: Drafting Technology is designed to prepare students for entry into careers as an Engineering Technician, Survey Technician, CAD technician, or Geographic Information Systems Technician. The program provides students a strong background in engineering drawing technologies (e.g. CAD), engineering standards and practices, engineering data gathering, analysis, and composition of engineering reports. Students will learn how to apply engineering problem solving and design processes, while working as an individual and collaborating in teams. Field exercises, apprenticeships/internships and practical guidance on special topics and projects provide students with real-world practical experience. Students who want to continue their education for greater salary and career advancement may use this program as a stepping stone potential transfer of units to 4-year degree programs in Civil or Mechanical Engineering, Surveying or other Engineering programs.

AS.ENGR

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
ENGR-154	Computer Aided Drafting I	3
PHOT-125	Digital Photography Production I	3
ENGR-180	Introduction to Engineering	2
ENGL-101	College Composition (formerly Freshman Composition)	4
CSCR-116	Integrative Career/Life Planning (formerly GUID-116)	3
Units		15
Spring Semester 1		
ENGR-155	Computer Aided Drafting II	3
ENGR-121	Introduction to Engineering Design	3
COMM-103	Interpersonal Communication	3
MATH-105	College Algebra	4

ENGR-121 or ENGR-164	Introduction to Engineering Design or Plane Surveying I	3
Units		16
Fall Semester 2		
ENGR-122 or ENGR-565	Electronics for Engineering Technologists (formerly ENGR-522) or Plane Surveying II (formerly ENGR-165)	3
PS-101	Introduction to American Government and Politics	3
ART-108 or ART-120	Beginning Drawing or 2D Design	3
ENGR-549	Cooperative Work Experience: Engineering Technology (formerly ENGR-149)	2
ENGR-566 or ENGR-756	Legal Aspects of Surveying (formerly ENGR-166) or SolidWorks I (formerly ENGR-156)	3
Units		14
Spring Semester 2		
GEOG-101	Physical Geography	3
ANTH-102	Cultural Anthropology	3
PS-103	Ethnic Politics in America	3
GEOG-115 or ENGR-757	Introduction to Geographic Information Science or Microstation I (formerly ENGR-157)	3
ENGR-567 or ENGR-523	Global Positioning Systems for Surveying (formerly ENGR-167 Global Positioning Systems) or Computer Integrated Manufacturing (formerly ENGR-123)	3
Units		15
Total Units		60

Other Notes: Surveying, Land Use, GIS electives: ENGR-164, ENGR 565, ENGR 566, ENGR 567, and GEOG 515. Drafting Specialist electives: ENGR-121, ENGR 756, ENGR 757. Electronics/Electrical Design electives: ENGR-121, ENGR-122, ENGR 523

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Engineering Courses		11
Electives Engineering Courses		6
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		
ENGR-154	Computer Aided Drafting I	3
ENGR-155	Computer Aided Drafting II	3
PHOT-125	Digital Photography Production I	3
ENGR-180	Introduction to Engineering	2

Elective Courses

Select 6 units of the following: 6

ENGR-756	SolidWorks I (formerly ENGR-156)
ENGR-757	Microstation I (formerly ENGR-157)
ENGR-164	Plane Surveying I
ENGR-565	Plane Surveying II (formerly ENGR-165)
ENGR-566	Legal Aspects of Surveying (formerly ENGR-166)
GEOG-115	Introduction to Geographic Information Science
ENGR-567	Global Positioning Systems for Surveying (formerly ENGR-167 Global Positioning Systems)
ENGR-181	Statics
ENGR-182	Strength of Materials (formerly Strength and Materials)
ENGR-121	Introduction to Engineering Design
ENGR-122	Electronics for Engineering Technologists (formerly ENGR-522)
ENGR-523	Computer Integrated Manufacturing (formerly ENGR-123)
ENGR-124	Civil Engineering and Architecture (formerly ENGR-524)
ENGR-549	Cooperative Work Experience: Engineering Technology (formerly ENGR-149)
ENGR-299	Special Projects: Engineering

Total Units 17

Career Exploration

Discover information about careers that interest you!

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2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Engineering Technologist Support Certificate

The coursework in this certificate uses a project based learning curriculum to expose students to a variety of disciplines and applications in Engineering. It provides the framework for students to enter into an entry-level career in Engineering Technology, as a support person for an Engineering Technologist. Training received with completion of this certificate provides experience in various fields of engineering, such as, Electrical, Computer Integrated Manufacturing, Civil, and Architectural engineering.

CT.ENGR.ETS

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
ENGR-120	Principles of Engineering Technology	3
ENGR-121	Introduction to Engineering Design	3
		Units
		6
Spring Semester 1		
ENGR-122	Electronics for Engineering Technologists (formerly ENGR-522)	3
ENGR-523	Computer Integrated Manufacturing (formerly ENGR-123)	3
ENGR-124	Civil Engineering and Architecture (formerly ENGR-524)	3
		Units
		9
Fall Semester 2		
ENGR-125	Engineering Design and Development	3
		Units
		3
		Total Units
		18

Requirements

Course	Title	Credits
Required Courses		
ENGR-120	Principles of Engineering Technology	3
ENGR-121	Introduction to Engineering Design	3
ENGR-122	Electronics for Engineering Technologists (formerly ENGR-522)	3
ENGR-124	Civil Engineering and Architecture (formerly ENGR-524)	3
ENGR-125	Engineering Design and Development	3
ENGR-523	Computer Integrated Manufacturing (formerly ENGR-123)	3
		Total Units
		18

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.

3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Engineering Technologist Support

Gainful Employment Disclosures – 2021

Program Name ENGINEERING TECHNOLOGIST SUPPORT

This program is designed to be completed in 8 months.

This program will cost \$828 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Engineering: Drafting Technology Certificate

The non-transfer Certificate in Engineering: Drafting Technology is designed to prepare students for entry into careers as an Engineering Technician, Survey Technician, CAD technician, or Geographic Information Systems Technician. The program provides students a strong background in engineering drawing technologies (e.g. CAD), engineering standards and practices, engineering data gathering, analysis, and composition of engineering reports. Students will learn how to apply engineering problem solving and design processes, while working as an individual and collaborating in teams. Field exercises, apprenticeships/ internships and practical guidance on special topics and projects provide students with real-world practical experience. Students who want to

continue their education for greater salary and career advancement may use this program as a stepping stone toward the related Associates Degree and potential transfer of units to 4-year degree programs in Civil or Mechanical Engineering, Surveying or other Engineering programs.

CT.ENGR

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
ENGR-154	Computer Aided Drafting I	3
PHOT-125	Digital Photography Production I	3
ENGR-180	Introduction to Engineering	2
Units		8
Spring Semester 1		
ENGR-155	Computer Aided Drafting II	3
ENGR-756	SolidWorks I (formerly ENGR-156)	3
Units		6
Fall Semester 2		
ENGR-757	Microstation I (formerly ENGR-157)	3
Units		3
Total Units		17

Requirements

Course	Title	Credits
Required Core Courses		
ENGR-154	Computer Aided Drafting I	3
ENGR-155	Computer Aided Drafting II	3
PHOT-125	Digital Photography Production I	3
ENGR-180	Introduction to Engineering	2
Elective Courses		
Select 6 units from the following:		6
ENGR-756	SolidWorks I (formerly ENGR-156)	
ENGR-757	Microstation I (formerly ENGR-157)	
ENGR-164	Plane Surveying I	
ENGR-565	Plane Surveying II (formerly ENGR-165)	
ENGR-566	Legal Aspects of Surveying (formerly ENGR-166)	
GEOG-115	Introduction to Geographic Information Science	
ENGR-567	Global Positioning Systems for Surveying (formerly ENGR-167 Global Positioning Systems)	
ENGR-181	Statics	

ENGR-182	Strength of Materials (formerly Strength and Materials)
ENGR-121	Introduction to Engineering Design
ENGR-122	Electronics for Engineering Technologists (formerly ENGR-522)
ENGR-523	Computer Integrated Manufacturing (formerly ENGR-123)
ENGR-124	Civil Engineering and Architecture (formerly ENGR-524)
ENGR-549	Cooperative Work Experience: Engineering Technology (formerly ENGR-149)
ENGR-299	Special Projects: Engineering

Total Units 17

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Engineering: Drafting Technology

Gainful Employment Disclosures – 2021

Program Name ENGINEERING: DRAFTING TECHNOLOGY

This program is designed to be completed in 8 months.

This program will cost \$828 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here:

<https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Surveying Employment Concentration

The Employment Concentration Certificate in Surveying is designed to prepare students for entry into careers as a Surveying Technician or Geographic Information Systems Technician (Cartographic and Photogrammetric Technicians). The program provides students a basic understanding of surveying equipment, practices and standards so they may seek employment as an entry level technician in a surveying team. Further, it sets a foundation for pursuing additional education and training in pursuit of the California State Land Surveyor in Training (LSIT) professional certification. Field exercises, apprenticeships/internships and practical guidance on projects provide students with real-world practical experience. Students who want to continue their education for greater salary and career advancement may use this program as a stepping stone toward the Associates Degree in Engineering: Drafting Technology and potential transfer of units to 4-year degree programs in Civil Engineering, Surveying or other Engineering programs.

ECC.ENGR.S

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Requirements

Course	Title	Credits
Required Courses		
ENGR-164	Plane Surveying I	3
ENGR-565	Plane Surveying II (formerly ENGR-165)	3
ENGR-566	Legal Aspects of Surveying (formerly ENGR-166)	3
Total Units		9

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.

2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

English

Program Description

View on YouTube (<https://www.youtube.com/watch?v=b8RA6txX2yg>)

Language is power. In English and Literature, we ask relevant questions to understand how power works and for what purposes. We explore meanings and unearth assumptions by analyzing issues that demand attention, such as race, religion, sex, gender, and class. We delve into fiction, drama, poetry, and non-fiction to grow, learn how to navigate uncertainty, and build empathy. We offer spaces where you can engage in academic and creative thinking and writing. We do this because we know strong reading, writing, and thinking skills will empower you to be a leader in your community and in a wide range of careers. Most importantly, we strive to help you develop your voice so you can be heard.

English Department Page (<https://www.msjc.edu/english/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

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ahammock@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Crystal Bryan (951) 639-5652

cbryan@msjc.edu

Degrees/Certificates

Degrees

Transfer Degree

- English, A.A.-T (p. 232)

Program Learning Outcomes

- Present a clear, reasoned, well supported, clearly organized argument, demonstrating college-level writing skills.
- Recognize writing as a process of developing, drafting, revising, and editing.
- Conduct research appropriate to a narrowly specific topic, understanding how to find and evaluate the credibility of sources, incorporating information, concepts and ideas from outside sources through summarizing, paraphrasing, and quoting to develop strong, well-supported arguments, citing sources according to Modern Language Association guidelines.
- Analyze text, recognizing the arguments presented, and construct an effective, argumentative or persuasive response, synthesizing information, concepts, and ideas from various sources and including that knowledge in effective, well reasoned arguments.
- Demonstrate understanding of acknowledged methods of critical thinking and analysis of literature.
- Analyze a variety of literary genres in their social, cultural and historical context.
- Evaluate the artistic contributions made by writers in the English, American and world literary traditions by analyzing the stylistic, formal, and thematic elements of their works.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Postsecondary English Teachers (M)	\$78,615	17,469
Librarians (M)	\$74,324	1,731
Technical Writers (B)	\$85,460	7,721

(*degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate*)

English, A.A.-T

An Associate in Arts in English for Transfer will fulfill the requirements for students to transfer to a four-year college or university as an English major. The courses in the A.A.-T in English for Transfer provide students with an ability to write academic analyses and arguments, to conduct research, and to read and think critically. The literature courses in this degree provide students with an understanding of diverse cultures and

historical time periods and seek to stretch students' abilities to think critically about texts and ideas they encounter and to communicate insightful ideas through the means of well-written academic discourse.

AA.ENGL.OPTBAAT or AA.ENGL.OPTCAAT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-115	Ideas of Mathematics	3
PSYC-101	Introduction to Psychology	3
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
Units		13
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
Select one of the following: ¹		3
LIT-106	Introduction to Literature (formerly ENGL-106)	
LIT/CDE-131	Children's Literature (formerly ENGL-131)	
LIT/ED-132	Adolescent Literature (formerly ENGL-132)	
LIT-205	World Folklore and Mythology (formerly ENGL-205 World Folklore)	
LIT-225	Film and Literature (formerly ENGL-225)	
LIT-240	American Indian Literature (formerly ENGL-240)	
LIT-260	Introduction to African American Literature (formerly ENGL-260)	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
ENGL-130	Introduction to Creative Writing	
ANTH-101 & ANTH-111 or BIOL-115	Physical Anthropology or Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
Select one of the following:		3
COMM-100	Public Speaking	
COMM-103	Interpersonal Communication	
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	
Select one of the following:		3
ART-104	World Art	
DAN-100	History and Appreciation of Dance	

MUS-108	History of Jazz and Blues	
Units		16
Fall Semester 2		
LIT-207 or LIT-230	American Literature: Pre-Colonial to 1865 (formerly ENGL-207) or English Literature: Anglo-Saxon to 1775 (formerly ENGL-230)	3
Select one of the following: ¹		3
LIT-106	Introduction to Literature (formerly ENGL-106)	
LIT/CDE-131	Children's Literature (formerly ENGL-131)	
LIT/ED-132	Adolescent Literature (formerly ENGL-132)	
LIT-205	World Folklore and Mythology (formerly ENGL-205 World Folklore)	
LIT-225	Film and Literature (formerly ENGL-225)	
LIT-240	American Indian Literature (formerly ENGL-240)	
LIT-260	Introduction to African American Literature (formerly ENGL-260)	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
ENGL-130	Introduction to Creative Writing	
ASTR-111	Planetary Astronomy	3
SPAN-101 or FREN-101	Elementary Spanish I or Elementary French I	4
PS-101	Introduction to American Government and Politics	3
Units		16
Spring Semester 2		
LIT-208 or LIT-231	American Literature: 1865 to Present (formerly ENGL-208) or English Literature: 1775 to Present (formerly ENGL-231)	3
Select one of the following:		3
LIT-106	Introduction to Literature (formerly ENGL-106)	
LIT/CDE-131	Children's Literature (formerly ENGL-131)	
LIT/ED-132	Adolescent Literature (formerly ENGL-132)	
LIT-205	World Folklore and Mythology (formerly ENGL-205 World Folklore)	
LIT-225	Film and Literature (formerly ENGL-225)	
LIT-240	American Indian Literature (formerly ENGL-240)	
LIT-260	Introduction to African American Literature (formerly ENGL-260)	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
ENGL-130	Introduction to Creative Writing	
SPAN-102 or FREN-102	Elementary Spanish II or Elementary French II	4
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
PS-103	Ethnic Politics in America	
Select one of the following:		3
LIT/CDE-131	Children's Literature (formerly ENGL-131)	

LIT/ED-132	Adolescent Literature (formerly ENGL-132)	
LIT-205	World Folklore and Mythology (formerly ENGL-205 World Folklore)	
LIT-225	Film and Literature (formerly ENGL-225)	
LIT-240	American Indian Literature (formerly ENGL-240)	
LIT-260	Introduction to African American Literature (formerly ENGL-260)	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
ENGL-130	Introduction to Creative Writing	
Units		16
Total Units		61

¹ LIT-106 Introduction to Literature (formerly ENGL-106) is required and you must meet the requirement for List B

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

All Lit classes can be taken any semester—they do not have to follow the sequence on this map.

*Most requirements can be met through several classes in different departments, on different topics. Please use the degree worksheet and consult a counselor and see what options you have to ensure you choose the classes that best fit you.

**You must take one science with lab, so choose which from list B1 or B2. Your second science class should be from the list you didn't choose from.

UC: General Education Option C

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-115	Ideas of Mathematics	3
PSYC-101	Introduction to Psychology	3
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
Units		13
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
Select one of the following:		3
LIT-106	Introduction to Literature (formerly ENGL-106)	
LIT/CDE-131	Children's Literature (formerly ENGL-131)	
LIT/ED-132	Adolescent Literature (formerly ENGL-132)	
LIT-205	World Folklore and Mythology (formerly ENGL-205 World Folklore)	
LIT-225	Film and Literature (formerly ENGL-225)	
LIT-240	American Indian Literature (formerly ENGL-240)	
LIT-260	Introduction to African American Literature (formerly ENGL-260)	
LIT-280	Multiethnic Literature (formerly ENGL-280)	

ENGL-130	Introduction to Creative Writing	
ANTH-101 & ANTH-111 or BIOL-115	Physical Anthropology or Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
Select one of the following:		3
COMM-100	Public Speaking	
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	
Select one of the following:		3
ART-104	World Art	
DAN-100	History and Appreciation of Dance	
MUS-108	History of Jazz and Blues	
Units		16

Fall Semester 2

LIT-207 or LIT-230	American Literature: Pre-Colonial to 1865 (formerly ENGL-207) or English Literature: Anglo-Saxon to 1775 (formerly ENGL-230)	3
Select one of the following:		3
LIT-106	Introduction to Literature (formerly ENGL-106)	
LIT/CDE-131	Children's Literature (formerly ENGL-131)	
LIT/ED-132	Adolescent Literature (formerly ENGL-132)	
LIT-205	World Folklore and Mythology (formerly ENGL-205 World Folklore)	
LIT-225	Film and Literature (formerly ENGL-225)	
LIT-240	American Indian Literature (formerly ENGL-240)	
LIT-260	Introduction to African American Literature (formerly ENGL-260)	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
ENGL-130	Introduction to Creative Writing	
ASTR-111 or ENVS-101	Planetary Astronomy or Environmental Science	3
SPAN-101 or FREN-101	Elementary Spanish I or Elementary French I	4
PS-101	Introduction to American Government and Politics	3
Units		16

Spring Semester 2

LIT-208 or LIT-231	American Literature: 1865 to Present (formerly ENGL-208) or English Literature: 1775 to Present (formerly ENGL-231)	3
Select one of the following:		3
LIT-106	Introduction to Literature (formerly ENGL-106)	
LIT/CDE-131	Children's Literature (formerly ENGL-131)	
LIT/ED-132	Adolescent Literature (formerly ENGL-132)	
LIT-205	World Folklore and Mythology (formerly ENGL-205 World Folklore)	
LIT-225	Film and Literature (formerly ENGL-225)	
LIT-240	American Indian Literature (formerly ENGL-240)	

LIT-260	Introduction to African American Literature (formerly ENGL-260)	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
ENGL-130	Introduction to Creative Writing	
SPAN-102 or FREN-102	Elementary Spanish II or Elementary French II	4
Select two of the following:		6
ENGL-130	Introduction to Creative Writing	
LIT/CDE-131	Children's Literature (formerly ENGL-131)	
LIT/ED-132	Adolescent Literature (formerly ENGL-132)	
LIT-205	World Folklore and Mythology (formerly ENGL-205 World Folklore)	
LIT-225	Film and Literature (formerly ENGL-225)	
LIT-240	American Indian Literature (formerly ENGL-240)	
LIT-260	Introduction to African American Literature (formerly ENGL-260)	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
Units		16
Total Units		61

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

All Lit classes can be taken any semester—they do not have to follow the sequence on this map.

*Most requirements can be met through several classes in different departments, on different topics. Please use the degree worksheet and consult a counselor and see what options you have to ensure you choose the classes that best fit you.

**You must take one science with lab, so choose which from list B1 or B2. Your second science class should be from the list you didn't choose from.

Requirements

The requirements for this degree may be met by completing the pattern described below plus all MSJC's General Education Option B (CSUGE) or Option C (IGETC) requirements.

Additional major preparation or elective courses may be required for specific institutions, and students transferring to a CSU or UC can refer to ASSIST.ORG (<https://catalog.msjc.edu/instructional-programs/english/english-aat/assist.org>) to review major preparation for specific majors and programs. Please meet with a Counselor for further transfer information.

Course	Title	Credits
Required Core Courses		
ENGL-103 or ENGL-103H	Critical Thinking and Writing Honors Critical Thinking and Writing	3
LIT-106 or LIT-106H	Introduction to Literature (formerly ENGL-106) Honors Introduction to Literature (formerly ENGL-106H)	3

List A: Select two

Select two of the following:		6
LIT-207 or LIT-207H	American Literature: Pre-Colonial to 1865 (formerly ENGL-207) Honors American Literature: Pre-Colonial to 1865 (formerly ENGL-207H)	
LIT-208 or LIT-208H	American Literature: 1865 to Present (formerly ENGL-208) Honors American Literature: 1865 to Present (formerly ENGL-208H)	
LIT-230 or LIT-230H	English Literature: Anglo-Saxon to 1775 (formerly ENGL-230) Honors English Literature: Anglo-Saxon To 1775 (formerly ENGL-230H)	
LIT-231 or LIT-231H	English Literature: 1775 to Present (formerly ENGL-231) Honors English Literature: 1775 to Present (formerly ENGL-231H)	

List B: Select one

Select any course from List A not used above or one of the following courses:

ENGL-130 or ENGL-130H	Introduction to Creative Writing Honors Introduction to Creative Writing	
LIT-280 or LIT-280H	Multiethnic Literature (formerly ENGL-280) Honors Multiethnic Literature (formerly ENGL-280H)	3

List C: Select one

Select any course from List A or B not used above or one of the following courses:

LIT/CDE-131 or LIT/ CDE-131H	Children's Literature (formerly ENGL-131) Honors Children's Literature (formerly ENGL-131H)	
LIT/ED-132 or LIT/ED-132H	Adolescent Literature (formerly ENGL-132) Honors Adolescent Literature (formerly ENGL-132H)	
LIT-205 or LIT-205H	World Folklore and Mythology (formerly ENGL-205 World Folklore) Honors World Folklore and Mythology (formerly ENGL-205H Honors World Folklore)	
LIT-225 or LIT-225H	Film and Literature (formerly ENGL-225) Honors Film and Literature (formerly ENGL-225H)	
LIT-240 or LIT-240H	American Indian Literature (formerly ENGL-240) Honors American Indian Literature (formerly ENGL-240H)	
LIT-255 or LIT-255H	Gender and Sexuality in Literature Honors Gender and Sexuality in Literature	
LIT-260 or LIT-260H	Introduction to African American Literature (formerly ENGL-260) Honors Introduction to African American Literature (formerly ENGL-260H)	
LIT-275 or LIT-275H	Latinx/Chicanx Literature Honors Latinx/Chicanx Literature	

Total Units **18**

Course	Title	Credits
Units for Major		18
CSU General Education or IGETC Pattern (p. 97)		37-39

Possible double counting: 9 units

Transferable Electives (as needed to reach 60 CSU transferable units)

Total Units for A.A.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Environmental Studies

Program Description

View on YouTube (<https://www.youtube.com/watch?v=LwHrpqFdaLE>)

The environment on which humans depend is under unprecedented pressure to maintain the lifestyles and economies of the world's population. Sustainable solutions to global problems have never been as imperative as they are today. The environmental studies program engages students in a rewarding and multidisciplinary approach to understanding how humans impact the environment. The field encompasses a diverse array of interests by drawing on aspects of the physical and life sciences as well as the social sciences and

humanities. As an interdisciplinary field, it emphasizes critical thinking and synergistic approaches to solving complex problems. The degree prepares students for stimulating and lucrative careers working toward the goal of sustainability.

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus
 (951) 487-MSJC (6752)
 1-800-452-3335
 Jason Hlebakos (951) 639-5731
jhlebakos@msjc.edu

Menifee Valley Campus
 (951) 672-MSJC (6752)
 1-800-452-3335
 Jason Hlebakos (951) 639-5731
jhlebakos@msjc.edu

Degrees/Certificates

Degrees

Transfer Degrees

- Environmental Science, A.S.-T (p. 237)

Program Learning Outcomes

- Explain how scientific knowledge is obtained and verified.
- Evaluate the cycling of matter and the flow of energy in environmental systems.
- Achieve basic environmental literacy.
- Think critically about the environmental issues by drawing on an understanding of scientific principles.
- Explore the ethical and social considerations inherent in environmental science.
- Apply the most current environmental discoveries and regulations to contemporary situations.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer.

The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Environmental Compliance Inspector (B)	\$81,000	1,950
Nursery and Greenhouse Manager (B)	\$44,500	130
Environmental Engineer (B)	\$102,000	3,740

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Environmental Science, A.S.-T

An A.S.-T in Environmental Science for Transfer fulfills the requirements for transferring to a California State University as an Environmental Science major. The courses in the A.S.-T in Environmental Science for Transfer degree provide the requisite background in math and science that are necessary for pursuing a Bachelor's degree and career in Environmental Science.

AS.ENVS.OPTBAST or AS.ENVS.OPTCAST

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-211	Analytic Geometry and Calculus I	4
ENVS-101	Environmental Science	3
CHEM-101	General Chemistry I	5
Units		16
Spring Semester 1		
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
CHEM-102	General Chemistry II	5
COMM-100	Public Speaking	3
MATH-212	Analytic Geometry and Calculus II	4
Units		15

Summer 1		
MATH-140	Introduction to Statistics	3
DAN-100	History and Appreciation of Dance	3
Units		6
Fall Semester 2		
ECON-202	Principles of Microeconomics	3
BIOL-150	General Biology I	4
HIST-112 or PS-101	U.S. History Since 1865 or Introduction to American Government and Politics	3
PHY-201	Mechanics and Wave Motion	4
Units		14
Spring Semester 2		
GEOL-100	Physical Geology	4
PHY-202	Electricity and Magnetism	4
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
PS-103	Ethnic Politics in America	
Select One		
SPAN-101 or FREN-101 or ASL-100	Elementary Spanish I or Elementary French I or American Sign Language I	4
Units		15
Total Units		66

Recommended: Students should take courses the summer before the Fall start of the semester.

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

UC: General Education Option C

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-211	Analytic Geometry and Calculus I	4
ENVS-101	Environmental Science	3
CHEM-101	General Chemistry I	5
Units		16
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
CHEM-102	General Chemistry II	5
PS-101	Introduction to American Government and Politics	3
MATH-212	Analytic Geometry and Calculus II	4
Units		15
Summer 1		
MATH-140	Introduction to Statistics	3
Units		3

Fall Semester 2

GEOL-100	Physical Geology	4
BIOL-150	General Biology I	4
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
PHY-201	Mechanics and Wave Motion	4

Units	15
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Spring Semester 2

Select One		
SPAN-101 or FREN-101 or ASL-100	Elementary Spanish I or Elementary French I or American Sign Language I	4
PHY-202	Electricity and Magnetism	4
PHIL-101	Introduction to Philosophy I	3
DAN-100	History and Appreciation of Dance	3
COMM-100	Public Speaking	3

Units	17
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Total Units	66
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Recommended: Students should take courses the summer before the Fall start of the semester.

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

UC Assist Note: No credit for ENVS-100/ENVS-100H if taken after ENVS-101/ENVS-101H.

Requirements

Course	Title	Credits
Required Core Courses		
Select one of two options:		
Option 1		
BIOL-150 or BIOL-150H	General Biology I Honors General Biology I	4
BIOL-151 or BIOL-151H	General Biology II Honors General Biology II	4
CHEM-101	General Chemistry I	5
Option 2		
BIOL-150 or BIOL-150H	General Biology I Honors General Biology I	4
CHEM-101	General Chemistry I	5
CHEM-102	General Chemistry II	5
List A		
Select from the following:		13-14
ENVS-101 or ENVS-101H	Environmental Science Honors Environmental Science	
GEOL-100 or GEOG-101	Physical Geology Physical Geography	
GEOG-104	Physical Geography Lab	
MATH-140	Introduction to Statistics	

MATH-211 or MATH-135	Analytic Geometry and Calculus I Calculus for Social Science and Business
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List B: Select two or three

Select two or three of the following:	7-11
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ECON-202 or ECON-202H	Principles of Microeconomics Honors Principles of Microeconomics
PHY-201	Mechanics and Wave Motion
PHY-202 or PHY-202H	Electricity and Magnetism Honors Electricity and Magnetism

Total Units	37-39
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Total Units for A.S.-T Degree: 60 units

Course	Title	Credits
Units for Major		37-39
CSU General Education for STEM or IGETC for STEM		31-33

Possible double counting: 12 (CSU GE) /15 (IGETC GE)

Transferable Electives (as need to reach 60 CSU transferable units)

The STEM General Education for a **STEM Associates Degree for Transfer (ADT)** can only be applied to the **Biology, Chemistry and Environmental Science ADT Degrees**.

The overall requirements for an approved STEM Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education Breadth for STEM (CSUGE) requirements or the Intersegmental General Education Transfer Curriculum for STEM requirements (IGETC).
 - **CSUGE Breadth for STEM (33 units):** Students are to complete all CSUGE requirements. However, the CSUGE for STEM requires 6 semester units/9 quarter units from AREA C by selecting one course from C1 and one course from C2. Students are also to complete 6 semester units/ 9 quarter units from AREA D by selecting two courses from two different disciplines.
 - **IGETC for STEM (31 units):** Students are to complete all IGETC requirements. However, the IGETC for STEM requires 6 semester units/9 quarter units from AREA 3 by selecting one course from 3A and one course from 3B. Students are also to complete 6 semester units/9 quarter units from AREA 4 by selecting two courses from two different disciplines.
- Students are to confirm that the CSU or UC major/program or college they are applying to accepts partial CSUGE and IGETC certification. Although CSUGE and IGETC for STEM is an option, it is important that students prioritize completing major-preparation courses for the specific campuses and programs students are considering.
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet

with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Fire Technology

Program Description

The Fire Technology program offers students an opportunity to study fire behavior, fire protection and control techniques, core concepts of culture, safety, and requirements for the fire service. The program also gives the student a chance to interact with professionals in the field and develop their skills to become an entry-level firefighter or help to promote a career firefighter. The classes provide the student with a knowledge of public and private fire service careers that include, but are not limited to; firefighting, arson investigation, fire prevention, fire service management, and public safety. Program options in the Fire Technology department include Certificate of Achievement and Associate Degrees in Fire technology. This program follows the Fire and Emergency Services Higher Education (FESHE) model from the National Fire Academy in Emmetsburg, Maryland, and is a component of accreditation from the California State Fire Training.

Fire Technology Department Page (<https://www.msjc.edu/firetechnology/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus
(951) 487-MSJC (6752)

1-800-624-5561

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Nursing and Allied Health Unit (951) 639-5577

msjcadnprogram@msjc.edu

Degrees/Certificates

Degrees

Non-Transfer Degree

- Fire Technology, A.S. (p. 240)

Certificate

- Fire Technology Certificate (p. 241)

Employment Concentration

- Fire Academy Preparation Employment Concentration (p. 242)

Program Learning Outcomes

- Analyze Fire Service theories and techniques as well as conduct research on specific topics related to the Fire Service.
- Exhibit a working knowledge of the various aspects of the Fire Service to include but not limited to Fire Department structure, operations, educational and experiential requirements for firefighting jobs.
- Use technology to process information to identify and address problems.
- Develop good oral and written communication skills.
- Demonstrate the ability to address problems while working as part of the team.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Forest Fire Fighting and Prevention Supervisors (C, A)	\$155,581	34
Fire Investigators (SM, C)	\$106,340	32
Forest Fire Inspectors & Prevention (B)	\$45,858	14
Emergency Medical Technicians & Paramedic (C, SM)	\$28,054	493

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Fire Technology, A.S.

Students completing this certificate will have completed the material required to apply for entrance into a Fire Academy. Some Academies may have additional requirements such as passing a physical abilities test. For specific requirements and further information, contact the Fire Academy you wish to attend.

AS.FIRE

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

Course	Title	Units
Fall Semester 1		
FIRE-101	Introduction to Fire Technology	3
AJ-102	Introduction to Criminal Justice	3
COMM-103	Interpersonal Communication	3
NUTR-101	Introduction to Nutrition Science (formerly Nutrition and Foods)	3
ENGL-101	College Composition (formerly Freshman Composition)	4
Units		16
Spring Semester 1		
FIRE-102	Fundamentals of Fire Prevention	3
EMS-501	Emergency Medical Technician (formerly EMS-090)	6
MATH-140	Introduction to Statistics	3
FIRE-122	Principles of Fire and Emergency Services Safety and Survival	3
Units		15
Fall Semester 2		
FIRE-106	Fundamentals of Fire Behavior and Combustion	3
FIRE-109	Fundamentals of Fire Protection and Equipment	3
FIRE-115	Building Construction for Fire Protection	3
ENVS-101	Environmental Science	3
SPAN-101	Elementary Spanish I	4
Units		16
Spring Semester 2		
COMM-104 or PHIL-112	Argumentation and Debate (formerly Advocacy and Argument) or Critical Thinking and Composition	3

FIRE-121	Fundamentals of Wild Land Fire Fighting	3
GEOG-108	World Regional Geography	3
PS-101	Introduction to American Government and Politics	3
GEOG-115	Introduction to Geographic Information Science	3
Units		15
Total Units		62

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Core Courses		18
Elective Courses		6
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Core Courses		
FIRE-101	Introduction to Fire Technology	3
FIRE-102	Fundamentals of Fire Prevention	3
FIRE-106	Fundamentals of Fire Behavior and Combustion	3
FIRE-109	Fundamentals of Fire Protection and Equipment	3
FIRE-115	Building Construction for Fire Protection	3
FIRE-122	Principles of Fire and Emergency Services Safety and Survival	3
Elective Courses		
Select 6 units of the following:		6
EMS-501	Emergency Medical Technician (formerly EMS-090)	
FIRE-107	Fire Apparatus and Equipment	
FIRE-108	Fundamentals of Fire Investigation	
FIRE-121	Fundamentals of Wild Land Fire Fighting	
FIRE-549	Cooperative Work Experience: Fire Technology (formerly FIRE-149)	
Total Units		24

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Fire Technology Certificate

A certification of completion in Fire Technology is designed for the student who wishes to make the fire service a career and is granted upon fulfillment of the 18 unit core courses identified below and the completion of 6 additional program electives.

CT.FIRE

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
FIRE-101	Introduction to Fire Technology	3
FIRE-102	Fundamentals of Fire Prevention	3
FIRE-106	Fundamentals of Fire Behavior and Combustion	3
FIRE-115	Building Construction for Fire Protection	3
Units		12
Spring Semester 1		
FIRE-109	Fundamentals of Fire Protection and Equipment	3
EMS-501	Emergency Medical Technician (formerly EMS-090)	6
FIRE-122	Principles of Fire and Emergency Services Safety and Survival	3
Units		12
Total Units		24

Requirements

Course	Title	Credits
Required Courses		
FIRE-101	Introduction to Fire Technology	3
FIRE-102	Fundamentals of Fire Prevention	3
FIRE-106	Fundamentals of Fire Behavior and Combustion	3
FIRE-109	Fundamentals of Fire Protection and Equipment	3
FIRE-115	Building Construction for Fire Protection	3
FIRE-122	Principles of Fire and Emergency Services Safety and Survival	3
Subtotal		18

Elective Courses

Select 6 units of the following:		6
EMS-501	Emergency Medical Technician (formerly EMS-090)	
FIRE-107	Fire Apparatus and Equipment	
FIRE-108	Fundamentals of Fire Investigation	
FIRE-121	Fundamentals of Wild Land Fire Fighting	
FIRE-549	Cooperative Work Experience: Fire Technology (formerly FIRE-149)	
Subtotal		6
Total Units		24

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Fire Technology

Gainful Employment Disclosures – 2021

Program Name FIRE TECHNOLOGY

This program is designed to be completed in 8 months.

This program will cost \$1,104 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Fire Academy Preparation Employment Concentration

Students completing this certificate will have completed the material required to apply for entrance into a Fire Academy. Some academies may have additional requirements such as passing a physical abilities test. For specific requirements and further information, contact the Fire Academy you wish to attend.

ECC.FIRE.FAP

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
EMS-501	Emergency Medical Technician (formerly EMS-090)	6
FIRE-101	Introduction to Fire Technology	3
Units		9
Total Units		9

Requirements

Course	Title	Credits
Required Courses		
EMS-501	Emergency Medical Technician (formerly EMS-090)	6
FIRE-101	Introduction to Fire Technology	3
Total Units		9

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.

3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

General Education Breadth Program Description

IGETC and CSU Certification

IGETC (Intersegmental General Education Transfer Curriculum) and CSU General Education certification verifies that a student has completed all lower division general education requirements for the UC or CSU. IGETC can be used for UC and CSU transfer while CSU Certification is for CSU only.

Do I need Certification?

Only a few out of state and private schools require general education certification. Check with the institution to see if IGETC or CSU certification is required. The final transcript you request from MSJC prior to transfer, should include general education certification. Consult with a Counselor to verify that you have completed all the requirements. Visit enrollment services for information on how to request certification.

Degrees/Certificates Certificates

- General Education Breadth, CSU Certificate (p. 242)
- General Education Breadth, IGETC Certificate (p. 243)

General Education Breadth, CSU Certificate

The Certificate of Achievement in CSU GE-Breadth is a program that provides students with the option of fulfilling all lower division general education requirements before transferring to the California State University (CSU) system.

CT.CSUGEB

Requirements

Students who intend to transfer must meet all current lower division CSU-GE Breadth requirements (p. 97) including minimum GPA. Students may also request certification of their general education upon completion of this Certificate of Achievement. The Certificate of Achievement will appear on students' transcripts, but the certificate is a separate request. It is the students' responsibility to submit it to their transfer institution. Students are strongly advised to meet with a counselor to discuss transfer requirements and lower division major preparation that is needed for their intended transfer university.

Although the certificate recognizes the completion of lower division CSU-GE Breadth requirements, it does not guarantee admission to a specific campus within the CSU system nor does it guarantee admission to a specific major. Some majors and colleges may require a different

lower division preparation and/or a higher GPA than is necessary for this certificate. A grade of "C" or better is required in all courses.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

General Education Breadth, IGETC Certificate

The Certificate of Achievement in Intersegmental General Education Transfer Curriculum (IGETC) is a program that provides students with the option of fulfilling all lower division general education requirements for transferring to the University of California (UC), California State University (CSU), or most California private institutions.

CT.IGETCGEB

Requirements

Students who intend to transfer must meet all current lower division Intersegmental General Education Transfer Curriculum (IGETC) requirements (p. 105) including minimum GPA. Students may also request certification of their general education upon completion of this Certificate of Achievement. The Certificate of Achievement will appear on students' transcripts, but the certificate is a separate request that must be filled out by a counselor and is the students' responsibility to submit to their transfer institution. Students are strongly advised to meet with a counselor to discuss transfer requirements and lower division major preparation that is needed for their intended transfer university.

Although the certificate recognizes the completion of IGETC lower division general education requirements, it does not guarantee admission to a specific campus within the UC or CSU system nor does it guarantee admission to a specific major. Some majors and colleges may require a different lower division preparation and/or a higher GPA than is necessary for this certificate. A grade of "C" or better is required in all courses.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.

3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Geographic Information Science Program Description

Have you ever wondered how Starbucks decides where to put its next "coffee shop" or where Amazon decides to try out its drone package delivery systems? Who designs all the layers on the latest version of MineCraft or Fortnite? They use people who have developed skills in collecting and analyzing geospatial information.

The study of geospatial information is referred to as Geographic Information Science, GIS. It is a rapidly growing area of study that can lead to rewarding careers in many different disciplines. GIS involves the preparation, analysis, and scientific research necessary for identifying patterns, trends, and relationships that are represented in space and time. GIS integrates many types of data. It collects, organizes, and analyses layers of information never before possible. With these unique capabilities, GIS reveals deeper insights into data, such as patterns, relationships, and real-time situations.

Recent advancements make it possible to collect, analyze, interact and produce visualizations of data using the latest digital, photographic, data collection, and storage technologies, such as 3D animation maps, video photography, drones, and cloud storage. Students enrolled in our GIS courses have the advantage of learning advanced communication and mapmaking skills that prepare them for careers in many fields where geospatial information is needed to make smarter, informed, decisions.

The Geographic Information Science (GIS) non-transfer Certificate and AS degree prepares students for GIS-related careers which are enhanced by the completion of a bachelor or graduate program. For students currently working within these fields, there may be potential for salary and/or career advancement.

Geography & Geographic Information Science Department Pages (<https://www.msjc.edu/geographyandgis/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)
1-800-624-5561
Dean of Instruction,
Academic Programs (951) 487-3400

Menifee Valley Campus

(951) 672-MSJC (6752)
1-800-452-3335
Cindy Nance, Ph.D. (951) 639-5540
cnance@msjc.edu

Degrees/Certificates

Degrees

Non-Transfer Degree

- Geographic Information Science, A.S. (p. 244)

Certificate

- Geographic Information Science Certificate (p. 245)

Employment Concentration

- Geographic Information Science Employment Concentration (p. 247)

Program Learning Outcomes

- Integrate spatial thinking with applied technology to analyze physical and cultural patterns, and discuss trends and relationships.
- Explore spatial relationships at different scales from local, regional to global.
- Explain the interrelationship between humans and the physical environment.
- Apply the scientific method to objective and subjective analysis of cultural and physical environments.
- Appreciate different cultural and ethnic perspectives within the context of opportunities and challenges.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Geodetic Surveyor (C, B, M)	\$93,833	172
Geospatial Information Scientists and Technologists (B, M)	\$81,117	3,138

Geographic Information Systems Technician (B, M) \$93,692 4,095

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Geographic Information Science, A.S.

In addition to the 18 units of the certificate program in Geographic Information Science, students must also complete all MSJC General Education Option A requirements (a total of 60 units) for the Associate of Science degree in Geographic Information Science.

AS.GEOG.GIS

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

Course	Title	Units
Fall Semester 1		
GEOG-105	Map Interpretation and Spatial Analysis	3
ENGL-101	College Composition (formerly Freshman Composition)	4
PS-101	Introduction to American Government and Politics	3
LEAD-500 or CSCR-116	Leadership Development (LEAD-101) or Integrative Career/Life Planning (formerly GUID-116)	3
GEOG-582	Programming for GIS (formerly GEOG-082)	3
Units		16
Spring Semester 1		
GEOG-115	Introduction to Geographic Information Science	3
CSIS-116E or CSIS-114A	Python Programming - Level 1 or SQL Programming - Level 1	3
MATH-140	Introduction to Statistics	3
CSIS-126E or CSIS-124A	Python Programming - Level 2 ¹ or SQL Programming - Level 2	3
GEOG-584	Water Management with GIS (formerly GEOG-084)	3
Units		15
Fall Semester 2		
GEOG-520	Intermediate Geographic Information Science (formerly GEOG-120)	3
COMM-103	Interpersonal Communication	3
GEOG-585	GIS for Catastrophes (formerly GEOG-085)	3

GEOG-111	Geography of California	3
GEOG-583	Spatial Database Design and Management (formerly GEOG-083)	3
Units		15
Spring Semester 2		
GEOG-525	Advanced Geographic Information Science (formerly GEOG-125)	3
ART-104	World Art	3
GEOG-586	GIS for Web Applications (formerly GEOG-086)	3
GEOG-108	World Regional Geography	3
GEOG-103	Field Studies in Geography	2
Units		14
Total Units		60

¹ Take second 8 weeks

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Geographic Information Science Courses		12
Geographic Information Science Electives		6
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		
GEOG-105	Map Interpretation and Spatial Analysis	3
GEOG-115	Introduction to Geographic Information Science	3
GEOG-520	Intermediate Geographic Information Science (formerly GEOG-120)	3
GEOG-525	Advanced Geographic Information Science (formerly GEOG-125)	3
Elective Courses		
Elective courses are identified under the following concentration areas. Students must complete 6 units (any combination) under one concentration area to earn a Certificate in GIS. Once a Certificate in GIS has been earned, additional Certificates in GIS may be awarded for completion of 6 units in other concentration areas.		6
Total Units		18

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.

3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Geographic Information Science Certificate

The GIS Certificate prepares students to be skilled users of GIS, able to apply their skills to careers in the area of study.

CT.GEOG.GIS

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

This program provides students with focused program options. A focused program map contains courses that help students specialize in a distinct area and connects to careers. Talk to a counselor about preparing for transfer to specific schools.

General

Course	Title	Units
Fall Semester 1		
GEOG-105	Map Interpretation and Spatial Analysis	3
GEOG-115	Introduction to Geographic Information Science	3
Units		6
Spring Semester 1		
GEOG-520	Intermediate Geographic Information Science (formerly GEOG-120)	3
GEOG-582	Programming for GIS (formerly GEOG-082)	3
Units		6
Fall Semester 2		
GEOG-525	Advanced Geographic Information Science (formerly GEOG-125)	3
GEOG-583	Spatial Database Design and Management (formerly GEOG-083)	3
GEOG-586	GIS for Web Applications (formerly GEOG-086)	3
Units		9
Total Units		21

Fire & Safety

Course	Title	Units
Fall Semester 1		
GEOG-105	Map Interpretation and Spatial Analysis	3
GEOG-115	Introduction to Geographic Information Science	3
Units		6
Spring Semester 1		
GEOG-520	Intermediate Geographic Information Science (formerly GEOG-120)	3
GEOG-582	Programming for GIS (formerly GEOG-082)	3
Units		6
Fall Semester 2		
GEOG-525	Advanced Geographic Information Science (formerly GEOG-125)	3
GEOG-585	GIS for Catastrophes (formerly GEOG-085)	3
Units		6
Total Units		18

Water Industry

Course	Title	Units
Fall Semester 1		
GEOG-105	Map Interpretation and Spatial Analysis	3
GEOG-115	Introduction to Geographic Information Science	3
Units		6
Spring Semester 1		
GEOG-520	Intermediate Geographic Information Science (formerly GEOG-120)	3
GEOG-582	Programming for GIS (formerly GEOG-082)	3
Units		6
Fall Semester 2		
GEOG-525	Advanced Geographic Information Science (formerly GEOG-125)	3
GEOG-584	Water Management with GIS (formerly GEOG-084)	3
Units		6
Total Units		18

Requirements

Course	Title	Credits
Required Courses		
GEOG-105	Map Interpretation and Spatial Analysis	3
GEOG-115	Introduction to Geographic Information Science	3
GEOG-520	Intermediate Geographic Information Science (formerly GEOG-120)	3
GEOG-525	Advanced Geographic Information Science (formerly GEOG-125)	3
Subtotal		12
Elective Courses		

Elective courses are identified under the Geographic Information Science concentration area. Students must complete 6 units (any combination) under this concentration area to earn a Certificate in Geographic Information Science.	6
Subtotal	6
Total Units	18

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Geographic Information Science

Gainful Employment Disclosures – 2021

Program Name GEOGRAPHIC INFORMATION SCIENCE

This program is designed to be completed in 8 months.

This program will cost \$828 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Geographic Information Science Employment Concentration

This Employment Concentration Certificate will prove the student's ability to work in the GIS industry, helping the student applying for jobs related to the mentioned industry, while continuing further coursework toward a full certificate or degree.

ECC.GIS

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
GEOG-582/583	Programming for GIS (formerly GEOG-082)	3
GEOG-584/585/586	Water Management with GIS (formerly GEOG-084)	3
Units		6
Spring Semester 1		
GEOG-549	Cooperative Work Experience: Geographic Information Science (formerly GEOG-149)	3
Units		3
Total Units		9

Requirements

Course	Title	Credits
Required Courses		
Select 6 units of the following:		6
GEOG-549	Cooperative Work Experience: Geographic Information Science (formerly GEOG-149)	
GEOG-582	Programming for GIS (formerly GEOG-082)	
GEOG-583	Spatial Database Design and Management (formerly GEOG-083)	
GEOG-584	Water Management with GIS (formerly GEOG-084)	
GEOG-585	GIS for Catastrophes (formerly GEOG-085)	
GEOG-586	GIS for Web Applications (formerly GEOG-086)	
Total Units		6

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Geography

Program Description

From local to global scales, geographers study political organization, transportation systems, marketing, economics, climate and weather, urban planning, land use development, globalization, and more. They examine the distribution of landforms, study soils, and vegetation, analyze limited resources such as water, and human impacts on the surface of the planet. In general, geographers work in government research, public agencies, and are environmental consultants for nonprofit organizations.

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Degrees/Certificates

Degrees

Transfer Degree

- Geography, A.A.-T (p. 248)

Program Learning Outcomes

- Explain the interrelationship between humans and the physical environment.
- Appreciate different cultural and ethnic perspectives within the context of environmental opportunities and challenges.
- Apply the scientific method to objective and subjective analysis of cultural and physical environments.

- Explore and critically appreciate spatial relationships at different scales from local, regional to global.
- Integrate spatial thinking with applied technology to analyze physical and cultural patterns, trends and relationships.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Geography, A.A.-T

An Associate in Arts in Geography for Transfer will fulfill the requirements for students to transfer to a four-year college or university as a Geography major.

AA.GEOG.OPTBAAT or AA.GEOG.OPTCAAT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-140	Introduction to Statistics	3
GEOG-101	Physical Geography	3
GEOG-104	Physical Geography Lab	1
GEOG-108 or GEOG-102	World Regional Geography or Cultural Geography	3
Units		14
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
ART-100	Art Appreciation	3

COMM-100	Public Speaking	3
Units		15
Summer 1		
ENVS-101	Environmental Science	3
Units		3
Fall Semester 2		
GEOG-111	Geography of California	3
ART-101	Art History: Prehistoric Through Medieval Art	3
PS-101	Introduction to American Government and Politics	3
GEOG-105	Map Interpretation and Spatial Analysis	3
Units		12
Spring Semester 2		
BIOL-115	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
GEOG-115	Introduction to Geographic Information Science	3
PHIL-101	Introduction to Philosophy I	3
ANTH-102	Cultural Anthropology	3
GEOG-106	Introduction to Weather and Climate	3
Units		16
Total Units		60

UC: General Education Option C

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-140	Introduction to Statistics	3
GEOG-101	Physical Geography	3
GEOG-104	Physical Geography Lab	1
GEOG-108	World Regional Geography	3
Units		14
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
GEOG-102	Cultural Geography	3
PHIL-101	Introduction to Philosophy I	3
ART-100	Art Appreciation	3
BIOL-115	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
Units		16
Fall Semester 2		
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
GEOG-111	Geography of California	3
ART-101	Art History: Prehistoric Through Medieval Art	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	

GEOG-105	Map Interpretation and Spatial Analysis	3
Units		16
Spring Semester 2		
ANTH-102	Cultural Anthropology	3
GEOG-115	Introduction to Geographic Information Science	3
Select one of the following:		4
SPAN-102	Elementary Spanish II	
FREN-102	Elementary French II	
ASL-101	American Sign Language II	
COMM-100	Public Speaking	3
GEOG-106	Introduction to Weather and Climate	3
Units		16
Total Units		62

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 (<https://catalog.msjc.edu/search/?P=ASL-100>) American Sign Language I, FREN-101 (<https://catalog.msjc.edu/search/?P=FREN-101>) Elementary French I or SPAN-101 (<https://catalog.msjc.edu/search/?P=SPAN-101>) Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Requirements

Course	Title	Credits
Required Core Courses		
GEOG-101	Physical Geography	3
GEOG-104	Physical Geography Lab	1
GEOG-102 or GEOG-108	Cultural Geography World Regional Geography	3

List A: Select two to three

Select 6-10 units of the following:	6-10
GEOG-103	Field Studies in Geography
GEOG-105	Map Interpretation and Spatial Analysis
GEOG-106	Introduction to Weather and Climate
GEOG-111	Geography of California
GEOG-115	Introduction to Geographic Information Science

List B: Select two

Select any course from List A not used above or one of the following courses:	6
ANTH-102 or ANTH-102H	Cultural Anthropology Honors Cultural Anthropology
GEOG-107	Urban Geography

Total Units 19-23

Course	Title	Credits
Units for Major 19-23		
CSU General Education or IGETC Pattern (p. 97)		37-39

Possible double counting: 10 units

Transferable Electives (as needed to reach 60 CSU transferable units)

Total Units for A.A.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Geology

Program Description

Everything you have, every place you go, everything you do, and everything you touch is influenced completely and entirely by Geology. From the materials that your car is made from and the gasoline that propels it, to the synthetic fibers you are wearing – everything comes from the Earth. Geology (Geo meaning Earth, and ology meaning study of) takes a close look at the surface of the Earth and its interior. In geology, you not only study beautiful rocks and minerals that make up the crust, but you also examine colorful rock layers inside the Earth (structure), and the astonishing history of our planet (continental drift and plate tectonics, dinosaurs, global warming, and cooling, etc.). From recognizing natural disasters and how to be safe from them to understanding man's place in time and on the planet, Geology will help you become more informed about your environment and your place in society and culture and will empower you to be an aware, informed leader in your family and your community.

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Degrees/Certificates

Degrees

Transfer Degrees

- Geology, A.S.-T (p. 250)

Program Learning Outcomes

- Explain the interrelationship between humans and the physical environment.
- Appreciate different cultural and ethnic perspectives within the context of environmental opportunities and challenges.
- Apply the scientific method to objective and subjective analysis of cultural and physical environments.
- Explore and critically appreciate spatial relationships at different local, regional, and global scales.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Geophysical Data Technicians (B, M)	\$25,005-\$36,361	52
Geological Sample Test Technicians (B,M)	\$25,005-\$36,681	52
Geoscientists (B, M, D)	\$52,918-\$89,750	413
Hydrologists (B, M)	\$65,186-\$103,896	88

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Geology, A.S.-T

An Associate of Science in Geology for Transfer will fulfill the requirements for students to transfer to a CSU institution as a Geology major. The courses in the A.S.-T in Geology for Transfer degree will allow students to complete the major preparation for transfer to four year institutions and major in geology or Earth sciences.

AS.GEOL.OPTBAST or AS.GEOL.OPTCAST

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSUSB: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-211	Analytic Geometry and Calculus I	4
GEOL-100	Physical Geology	4
COMM-100	Public Speaking	3
Units		15
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
MATH-212	Analytic Geometry and Calculus II	4
CHEM-101	General Chemistry I	5
PS-101	Introduction to American Government and Politics	3
Units		15
Fall Semester 2		
CHEM-102	General Chemistry II	5
ART-100	Art Appreciation	3
GEOL-105	Historical Geology	4
PSYC-101	Introduction to Psychology	3
Units		15
Spring Semester 2		
BIOL-150	General Biology I	4
PHY-201	Mechanics and Wave Motion	4
PHIL-101	Introduction to Philosophy I	3
ART-104	World Art	3
Units		14
Fall Semester 3		
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
Select one of the following:		3
HIST-160	Black History in the American Context	

LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
PS-103	Ethnic Politics in America	
	Units	6
	Total Units	65

Recommended: Students should take courses the summer before the Fall start of the semester.

UC: General Education Option C

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-211	Analytic Geometry and Calculus I	4
GEOL-100	Physical Geology	4
ART-100	Art Appreciation	3
	Units	15
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
MATH-212	Analytic Geometry and Calculus II	4
CHEM-101	General Chemistry I	5
HIST-111	U.S. History to 1877	3
	Units	15
Fall Semester 2		
CHEM-102	General Chemistry II	5
ART-104	World Art	3
GEOL-105	Historical Geology	4
HIST-112	U.S. History Since 1865	3
	Units	15
Spring Semester 2		
BIOL-150	General Biology I	4
COMM-100	Public Speaking	3
PHY-201	Mechanics and Wave Motion	4
PHIL-101	Introduction to Philosophy I	3
	Units	14
Fall Semester 3		
STEM ONLY		
PS-101	Introduction to American Government and Politics	3
PHY-202	Electricity and Magnetism	4
PHY-203	Optics and Modern Physics	4
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
	Units	15
	Total Units	74

Recommended: Students should take courses the summer before the Fall start of the semester.

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by

completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Requirements

Course	Title	Credits
Required Core Courses		
GEOL-100	Physical Geology	4
GEOL-105	Historical Geology	4
CHEM-101	General Chemistry I	5
CHEM-102	General Chemistry II	5
MATH-211	Analytic Geometry and Calculus I	4
MATH-212	Analytic Geometry and Calculus II	4
or MATH-212H	Honors Analytic Geometry and Calculus II	
	Total Units	
	Course	Title
	Units for Major	Credits
		26
	MSJC General Education Option B or C (p. 97)	
	Possible double counting: 9	
	Transferable Electives (as need to reach 60 CSU transferable units)	
	Total Units for A.S-T Degree: 60 units	

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
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ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

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- Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

History

Program Description

Every moment in time becomes history. Great events like the Second World War to the smallest interaction between local peoples influence and inform all that comes after. Similarly, the study of the past reveals valuable achievements as well as dreadful mistakes, and in so doing helps us become more globally informed citizens to better address the unexpected challenges of our own day. The study of history helps us learn to think with rigor, to write with clarity and precision, to organize and assess evidence, to analyze problems, and interpret complex events that will contribute to our academic success and professional endeavors.

History Department Page (<https://www.msjc.edu/history/>)

Transfer Preparation

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Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)

1-800-624-5561

Christina Yamanaka (951) 487-3522

cyamanaka@msjc.edu

Herbert Alarcon (951) 487-3262

halarcon@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Gary Vargas (951) 639-5759

gvargas@msjc.edu

Degrees/Certificates

Degrees

Transfer Degree

- History, A.A.-T (p. 252)

Program Learning Outcomes

- Demonstrate through coursework and discussion a breadth of knowledge of historical developments and trends related to the courses taken.
- Demonstrate the ability to analyze, evaluate, and synthesize historical data into independent interpretations.
- Demonstrate the ability to evaluate, analyze and synthesize the impact of class, gender, ethnicity, culture and politics as they relate to the process of history

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Government/Politics/Law, (B, M, D)	\$57,000-\$208,000	6,455
Political Scientists (D)	\$65,818-\$120,630	38
History Teachers, Postsecondary (M, D)	\$33,645-\$175,480	15,241
Curators (M, D)	\$35,573-\$121,156	144
Historians (B, M)	\$57,482-\$76,677	43
History Teachers, Secondary (B)	\$50,378-\$77,729	9,494

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

History, A.A.-T

An Associate in Arts in History for Transfer will fulfill the requirements for students to transfer to the CSU system as a History major.

AA.HIST.OPTBAAT or AA.HIST.OPTCAAT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- Starting in Spring?** Choose Fall Semester 1 courses.
- Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
COMM-100	Public Speaking	3
PS-101	Introduction to American Government and Politics	3
HIST-111	U.S. History to 1877	3
HIST-160	Black History in the American Context	3
Units		16
Spring Semester 1		
MATH-140	Introduction to Statistics	3
ENGL-103 or PHIL-112	Critical Thinking and Writing or Critical Thinking and Composition	3
GEOG-101	Physical Geography	3
GEOG-104	Physical Geography Lab	1
HIST-112	U.S. History Since 1865	3
Select one of the following:		3
HIST-107	The History of East Asia Before 1600	
HIST-108	The History of East Asia Since 1600	
HIST-115	Women in United States History	
HIST-117	History of India	
HIST-121	California Indians	
HIST-128	History of Science	
HIST-140	History of Mexico	
HIST-141	History of Latin America to 1820	
HIST-142	History of Latin America Since 1820	
Units		16
Fall Semester 2		
ANTH-101	Physical Anthropology	3
HIST-101 or HIST-103	Western Civilization to 1650 (formerly Western Civilization I: to 1500) or World History to 1500 (formerly History of World Civilizations to 1500)	3
PSYC/SOCI-112	Gender and Social Interaction	3
Select two of the following:		6
HIST-106	The World Since 1900	
HIST-107	The History of East Asia Before 1600	
HIST-108	The History of East Asia Since 1600	
HIST-115	Women in United States History	
HIST-117	History of India	
HIST-118	History of World Religions (formerly HUM-104 World Religions)	
HIST-120	California History	
HIST/ANTH-121	California Indians	
HIST-124	Recent America: The U.S. Since 1945	
HIST-125	Military History of the United States	
HIST/BIOL-128	History of Science	
HIST/THA-136	Cultural History of American Motion Pictures	
HIST-140	History of Mexico	
HIST-141	History of Latin America to 1820	

HIST-142	History of Latin America Since 1820	
HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	
Units		15
Spring Semester 2		
ART-102	Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)	3
HIST-102 or HIST-104	Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era) or World History Since 1500	3
ECON-201	Principles of Macroeconomics	3
Select two of the following:		6
HIST-106	The World Since 1900	
HIST-107	The History of East Asia Before 1600	
HIST-108	The History of East Asia Since 1600	
HIST-111	U.S. History to 1877	
HIST-112	U.S. History Since 1865	
HIST-115	Women in United States History	
HIST-117	History of India	
HIST-118	History of World Religions (formerly HUM-104 World Religions)	
HIST-120	California History	
HIST/ANTH-121	California Indians	
HIST-124	Recent America: The U.S. Since 1945	
HIST-125	Military History of the United States	
HIST/BIOL-128	History of Science	
HIST/THA-136	Cultural History of American Motion Pictures	
HIST-140	History of Mexico	
HIST-141	History of Latin America to 1820	
HIST-142	History of Latin America Since 1820	
HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	
Units		15
Total Units		62

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

Note: Hist 103, 104, 111, 112 can be taken in any order.

UC: General Education Option C

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
COMM-100	Public Speaking	3
PS-101	Introduction to American Government and Politics	3

HIST-111	U.S. History to 1877	3
Select one of the following:		3
HIST-107	The History of East Asia Before 1600	
HIST-108	The History of East Asia Since 1600	
HIST-115	Women in United States History	
HIST-117	History of India	
HIST/ANTH-121	California Indians	
HIST/BIOL-128	History of Science	
HIST-140	History of Mexico	
HIST-141	History of Latin America to 1820	
HIST-142	History of Latin America Since 1820	
HIST-160	Black History in the American Context	

Units **16**

Spring Semester 1

MATH-140	Introduction to Statistics	3
ENGL-103 or PHIL-112	Critical Thinking and Writing or Critical Thinking and Composition	3
GEOG-101	Physical Geography	3
GEOG-104	Physical Geography Lab	1
HIST-112	U.S. History Since 1865	3

Select one of the following: 3

HIST-106	The World Since 1900	
HIST-118	History of World Religions (formerly HUM-104 World Religions)	
HIST-120	California History	
HIST-124	Recent America: The U.S. Since 1945	
HIST-125	Military History of the United States	
HIST/THA-136	Cultural History of American Motion Pictures	
HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	

Units **16**

Fall Semester 2

ANTH-101	Physical Anthropology	3
HIST-101 or HIST-103	Western Civilization to 1650 (formerly Western Civilization I: to 1500) or World History to 1500 (formerly History of World Civilizations to 1500)	3

Select one of the following: 4

SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	

Select one of the following: 3

HIST-107	The History of East Asia Before 1600	
HIST-108	The History of East Asia Since 1600	
HIST-115	Women in United States History	
HIST-117	History of India	
HIST/ANTH-121	California Indians	
HIST/BIOL-128	History of Science	
HIST-140	History of Mexico	
HIST-141	History of Latin America to 1820	
HIST-142	History of Latin America Since 1820	

HIST-160	Black History in the American Context	
Select one of the following:		3

HIST-106	The World Since 1900	
HIST-118	History of World Religions (formerly HUM-104 World Religions)	
HIST-120	California History	
HIST-124	Recent America: The U.S. Since 1945	
HIST-125	Military History of the United States	
HIST/THA-136	Cultural History of American Motion Pictures	
HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	

Units **16**

Spring Semester 2

ART-102	Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)	3
HIST-102 or HIST-104	Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era) or World History Since 1500	3

Select one of the following: 3

HIST-107	The History of East Asia Before 1600	
HIST-108	The History of East Asia Since 1600	
HIST-115	Women in United States History	
HIST-117	History of India	
HIST/ANTH-121	California Indians	
HIST/BIOL-128	History of Science	
HIST-140	History of Mexico	
HIST-141	History of Latin America to 1820	
HIST-142	History of Latin America Since 1820	
HIST-160	Black History in the American Context	

Select one of the following: 3

HIST-106	The World Since 1900	
HIST-118	History of World Religions (formerly HUM-104 World Religions)	
HIST-120	California History	
HIST-124	Recent America: The U.S. Since 1945	
HIST-125	Military History of the United States	
HIST/THA-136	Cultural History of American Motion Pictures	
HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	

Units **12**

Total Units **60**

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Note: Hist 103, 104, 111, 112 can be taken in any order.

Requirements

Course	Title	Credits
Required Core Courses		
HIST-111 or HIST-111H	U.S. History to 1877 Honors U.S. History to 1877	3
HIST-112 or HIST-112H	U.S. History Since 1865 Honors U.S. History Since 1865	3
List A: Select two		
Select one of the following:		3
HIST-101	Western Civilization to 1650 (formerly Western Civilization I: to 1500)	
HIST-103 or HIST-103H	World History to 1500 (formerly History of World Civilizations to 1500) Honors World History to 1500 (formerly Honors History of World Civilizations to 1500)	
Select one of the following:		3
HIST-102	Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)	
HIST-104 or HIST-104H	World History Since 1500 Honors World History Since 1500	
List B: One course from each area		
<i>Area 1</i>		
Select any course from List A not used above or any of the following courses:		3
HIST-107	The History of East Asia Before 1600	
HIST-108	The History of East Asia Since 1600	
HIST-115 or HIST-115H	Women in United States History Honors Women in United States History	
HIST-117 or HIST-117H	History of India Honors History of India	
HIST/ANTH-121	California Indians	
HIST/BIOL-128 or HIST/ BIOL-128H	History of Science Honors History of Science	
HIST-140 or HIST-140H	History of Mexico Honors History of Mexico	
HIST-141	History of Latin America to 1820	
HIST-142	History of Latin America Since 1820	
HIST-160 or HIST-160H	Black History in the American Context Honors Black History-American Context American Context	
SOCI/PSYC-112	Gender and Social Interaction	
SOCI-115	Contemporary Chicano in Society	
<i>Area 2</i>		
Select any course from List A not used above or any of the following courses:		3
ANTH-102 or ANTH-102H	Cultural Anthropology Honors Cultural Anthropology	
ANTH-104 or ANTH-104H	World Prehistory Honors World Prehistory	
ART-104	World Art	

or ART-104H	Honors World Art
DAN-100/HIST-151	History and Appreciation of Dance
GEOG-102	Cultural Geography
GEOG-108	World Regional Geography
HIST-106	The World Since 1900
HIST-118	History of World Religions (formerly HUM-104 World Religions)
HIST-120 or HIST-120H	California History Honors California History
HIST-124 or HIST-124H	Recent America: The U.S. Since 1945 Honors Recent America: The U.S. Since 1945
HIST-125	Military History of the United States
HIST/THA-136	Cultural History of American Motion Pictures
HIST-150 or HIST-150H	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History) Honors Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)
PHIL-109	Ancient and Medieval Philosophy
PHIL-110	Modern and Contemporary Philosophy (formerly Renaissance and Modern Philosophy)
PS-103 or PS-103H	Ethnic Politics in America Honors Ethnic Politics in America

Total Units 18

Course	Title	Credits
Units for Major		18
CSU General Education or IGETC Pattern		37-39
Possible double counting: 18 units		
Transferable Electives (as needed to reach 60 CSU transferable units)		

Total Units for A.A.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet

with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Horticulture/Turf & Landscape Management

Program Description

Almost every community in Southern California has at least one golf course. Keeping "greens" green and fairways "playable" takes as much skill as the golfers who play on them. These skills are particularly important given the challenging environmental conditions and state and federal laws governing these endeavors in Southern California. The Employment Concentration Certificates in Turf & Landscape Management is designed to prepare the student for entry into a variety of careers associated with golf course and turf management.

This program specifically provides students with the technical foundations in turf management, water usage, fertility, soils, horticulture, and human resource management for golf courses, recreational parks, sports fields, and general landscape areas. This program also prepares students to enter the job market as a golf course superintendent, field crew supervisor, irrigation technician, equipment manager, grounds person for parks, cities, and school districts, or field crew foreman for landscape contractors. The Employment Concentration Certificates in Turf & Landscape Management prepares students with the technical and analytical skills necessary for managing a golf course or turf/horticultural area. For individuals currently working within these fields, there may be potential for salary and/or career advancement.

Horticulture/Turf & Landscape Department Page (<https://www.msjc.edu/turfmanagement/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be

helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)

1-800-624-5561

Dean of Instruction, Career Education (951) 639-5352

careereducation@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Dean of Instruction, Career Education (951) 639-5352

careereducation@msjc.edu

Degrees/Certificates

Employment Concentrations

- Golf and Grounds Concentration Employment Concentration (p. 257)
- Irrigation Technician Concentration Employment Concentration (p. 257)
- Landscaping Operation Concentration Employment Concentration (p. 258)

Program Learning Outcomes

- Demonstrate knowledge of soil profiles, soil nutrients, water sources and industry practices, i.e. soil testing to solve problems involving soil compaction, lack of proper nutrients, and improper watering practices.
- Inventory career and professional opportunities in the green industry.
- Compare and contrast procedures used in soil test and plant selection and uses.
- Discover and employ basic botanical vocabulary and style to evaluate plant, soil, and water problems.
- Compare and contrast the growth and development pattern of plants.
- Assemble and synthesize information regarding plant, soil, water, air, and organisms as they relate to maintenance of golf courses and other landscape projects.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
First-Line Supervisors of Landscaping, Lawn Services, and Groundskeeping (C, A, B)	\$31,197-\$43,775	1,976
Landscaping and Groundskeeping Workers	\$18,578-\$62,133	21,137

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Golf and Grounds Concentration Employment Concentration

This Employment Concentration Certificate will prove the student's ability to work in the Golf and Grounds industry, helping the student applying for jobs related to the mentioned industry, while continuing further coursework toward a full certificate or degree.

ECC.HORT.G&G

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
HORT-503	Advanced Turfgrass Management (formerly HORT-103)	3
HORT-505	Golf Course/Landscape Irrigation (formerly HORT-105)	3
Select one of the following:		3
HORT-506	Pesticide Law & Regulations - Turf & Landscape (formerly HORT-106)	
HORT-507	Arboriculture (formerly HORT-107)	
MGT-500	Introduction to Management (formerly MGT-103)	
Units		9
Total Units		9

Requirements

Course	Title	Credits
Required Courses		
Select 9 units from the following:		9
HORT-503	Advanced Turfgrass Management (formerly HORT-103)	

HORT-505	Golf Course/Landscape Irrigation (formerly HORT-105)
HORT-506	Pesticide Law & Regulations - Turf & Landscape (formerly HORT-106)
HORT-507	Arboriculture (formerly HORT-107)
MGT-500	Introduction to Management (formerly MGT-103)
Total Units	9

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Irrigation Technician Concentration Employment Concentration

This Employment Concentration Certificate will prove the student's ability to work in the Irrigation industry, helping the student applying for jobs related to the mentioned industry, while continuing further coursework toward a full certificate or degree.

ECC.AGTM.IT

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
HORT-503	Advanced Turfgrass Management (formerly HORT-103)	3
HORT-505	Golf Course/Landscape Irrigation (formerly HORT-105)	3

HORT-507 or MGT-500	Arboriculture (formerly HORT-107) or Introduction to Management (formerly MGT-103)	3
Units		9
Total Units		9

Requirements

Course	Title	Credits
Required Courses		
Select 9 units from the following:		9
HORT-503	Advanced Turfgrass Management (formerly HORT-103)	
HORT-505	Golf Course/Landscape Irrigation (formerly HORT-105)	
HORT-507	Arboriculture (formerly HORT-107)	
MGT-500	Introduction to Management (formerly MGT-103)	
Total Units		9

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Landscaping Operation Concentration Employment Concentration

This Employment Concentration Certificate will prove the student's ability to work in the Landscaping industry, helping the student applying for jobs related to the mentioned industry, while continuing further coursework toward a full certificate or degree.

ECC.LANDOP

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
HORT-109	Landscape Design	3
HORT-501 or HORT-506	Horticulture Science (formerly HORT-101) or Pesticide Law & Regulations - Turf & Landscape (formerly HORT-106)	3
Select one of the following:		3
HORT-507	Arboriculture (formerly HORT-107)	
HORT-510	Laws and Regulations, an Integrated Pest Management Approach (formerly HORT-110)	
MGT-500	Introduction to Management (formerly MGT-103)	
Units		9
Total Units		9

Requirements

Course	Title	Credits
Required Courses		
Select 9 units from the following:		9
HORT-109	Landscape Design	
HORT-501	Horticulture Science (formerly HORT-101)	
HORT-506	Pesticide Law & Regulations - Turf & Landscape (formerly HORT-106)	
HORT-507	Arboriculture (formerly HORT-107)	
HORT-510	Laws and Regulations, an Integrated Pest Management Approach (formerly HORT-110)	
MGT-500	Introduction to Management (formerly MGT-103)	
Total Units		9

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Honors Enrichment Program Program Description

PROGRAM IS BY SPECIAL APPLICATION ONLY.

To complete the Honors Enrichment Program, students must complete a minimum of 15 credits in 5 honors courses that stress in-depth study, research, and challenging exploration of various areas of study. The

15 honors credits also count toward a student's credits leading to the Associate in Arts degree or the Associate in Science degree and are transferable as students continue their education toward a higher degree at a senior university. Honors courses are listed alphabetically by subject.

Contact Information

Mt. San Jacinto College
1499 N. State Street
San Jacinto, CA 92583 (951) 487-MSJC (6752)
1-800-624-5561
SJC Site Coordinator:
Christina Yamanaka (951) 487-3522
cyamanaka@msjc.edu

Mt. San Jacinto College
28237 La Piedra Road
Menifee, CA 92584
(951) 672-MSJC (6752)
1-800-452-3335
MVC Site Coordinator:
Erik Ozolins (951) 639-5725
eozolins@msjc.edu

Admissions Requirement

Students need to complete an Honors Enrichment Program application to apply to become a member of the program. The application must be accompanied by the following information:

1. Transcripts (Unofficial college or official High School)
2. Personal statement
3. Education Plan or list of several classes that the student can take as honors
4. Evidence of enrollment in or completion of ENGL-101 College Composition (formerly Freshman Composition) (via transcript), or signed pledge indicating planned enrollment in ENGL-101 College Composition (formerly Freshman Composition) during first semester in the program (included at end of application).

Students will select one of the following options listed on the application to apply to Honors:

Recommendation and Meeting Option

- A letter of recommendation from a teacher, counselor or principal familiar with your academic work. The letter should specifically reference the student's critical thinking skills.
- Brief meeting with one of the Honors Co-Directors.

Portfolio and Meeting Option

- Portfolio of work that includes a minimum of 3 items that demonstrate their academic potential. Items in the portfolio may include (but are not limited to) writing samples, artwork, performance pieces, news reports, and multimedia presentations.
- Brief meeting with one of the Honors Co-Directors.

Qualifying GPA and Contact Names

- Transcript must indicate qualifying GPA (3.5 unweighted GPA for high school, or 3.3 GPA for college-level coursework), or SAT 1890 (out of 2400), or SAT 1260 (out of 1600) or ACT 28 (out of 36).
- Names and contact information of two MSJC faculty members who will comment on behalf of the student's application to the program,

or a letter of recommendation from a high school teacher or principal familiar with the student's academic performance.

Veteran Status

- Veteran or Active Duty in the US Military.
- Signature of MSJC Veterans Center Staff on the Honors application.

How to Apply

Complete the Honors Enrichment Program application available at stands in the Counseling Offices, Learning Resource Centers and directly from the Honors Enrichment Program Coordinators as well as online from the program website (<http://www.msjc.edu/honors/>). Submit application and required documentation to either Honors Enrichment Program Coordinator or drop off at either Learning Resource Center. Applications are accepted year-round. (Please see the Overview section for contact information).

Completion Requirements

- Completion of Honors Enrichment Seminar with a letter grade of "C" or better
- Completion of 4 additional courses in a minimum of 3 disciplines with a letter grade of "C" or better
- Completion of ENGL-101 College Composition (formerly Freshman Composition) or ENGL-101H Honors College Composition (formerly Freshman Composition) by the first semester in the program
- Completion of MATH-096 Intermediate Algebra by the second semester in the program
- Maintenance of a 3.0 GPA in all honors course work
- Maintenance of the qualifying GPA
- Completion of 200 Honors points for participation in recognized honors events (see website for details)

Benefits for the honors students include close interactions between students in the program and professors, challenging courses with fellow honors students, the exploration of current issues in the interdisciplinary seminar, and specific guidance from counselors and faculty advisers concerning the course of studies most suitable for transferring to a four-year university and for achieving professional objectives. Upon completion of the program, honors students are actively recruited by public and private universities, often offered scholarships, and frequently given special university-admissions consideration because of Mt. San Jacinto College's honors transfer alliances with major universities. Honors students also attend and participate in honors conferences, and have publication opportunities in *Scribendi*, the Western Regional Honors Council publication dedicated to student work as well as the annual edition of *Building Bridges: Selected Abstracts of the HTCC Student Research Conference*.

Learning Outcomes

- Improve transfer opportunities for student members.
- Develop lifelong skills that can be used both inside and outside the classroom, including such skills as critical thinking, scholarly writing, research and presentation skills.
- Foster a community of scholars, both faculty and students, who support the educational endeavors of Honors students.

Honors Enrichment Program Completion Certificate

The Certificate of Achievement in Honors Enrichment Program is designed to recognize the accomplishments of students who complete the Honors Enrichment Program. The mission of the program is to create a community of scholars that embody the values of inclusivity, engagement, academic research and rigor, leadership, positive transgressive behavior, and holistic well-being. Students will have the opportunity to engage in close interactions between students in the program, counselors, and professors, taking challenging courses that will help them develop lifelong skills that can be used inside and outside the classroom, including such skills as critical thinking, scholarly writing, research, presentation skills, and service learning opportunities. Honors provides opportunities for personal growth and cultivates culturally aware citizens who are leaders, innovators, and advocates. The program helps foster a passion for learning and active engagement in the college environment and improves transfer opportunities for students who complete the program.

CT.HONORS

Requirements

Course	Title	Credits
Completion Requirements ¹		
One of the following Honors Seminar Courses with a grade of "C" or better:		
HEP-201	Honors Studies: Humanities	
HEP-202	Honors Studies: Social Sciences	
HEP-203	Honors Studies: Science	
Subtotal		3
Electives		
4 additional honors courses in a minimum of 3 disciplines with a grade of "C" or better:		
Subtotal		12-17
ENGL-101	College Composition (formerly Freshman Composition)	
or ENGL-101H	Honors College Composition (formerly Freshman Composition)	
Subtotal		0-4
One of the following Math courses (or higher):		
MATH-105	College Algebra	
MATH-110	Pre-Calculus	
MATH-115	Ideas of Mathematics	
MATH-135	Calculus for Social Science and Business	
MATH-140	Introduction to Statistics	
Subtotal		3-5
Total Units		18-29

¹ Completion Requirements:

- Completion of HEP-201, HEP-202 or HEP-203 with a letter grade of "C" or better.
- Completion of 4 additional Honors courses in a minimum of 3 disciplines with a letter grade of "C" or better.
- Completion of ENGL-101 or ENGL-101H by the first semester in the program.
- Completion of transfer-level Math by the second semester in the program.
- Maintenance of a 3.0 GPA in all honors coursework.
- Maintenance of the qualifying GPA.
- Completion of 200 Honors points for participation in recognized honors events.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Journalism

Program Description

View on YouTube (<https://www.youtube.com/watch?v=4Wwr-JcDWZc>)

Journalism is a unique form of communication because it uses storytelling to present the news and its journalists who are the storytellers and historians that help people make sense of the events happening in the world around them. The journalism program at MSJC has many opportunities for engagement, learning, and storytelling. The Talon student newspaper is an exciting part of the program and provides you with hands-on journalistic experience while allowing you to become more involved at MSJC and within your community. Within the Journalism program, you will learn what it takes to be an effective writer and journalist, learn how to do interviews, and learn how to create stories in print and in digital format. Careers in journalism are endless and range from lawyer, journalist, film critic, sportswriter, and publicist to public relations, advertising, news anchor, and social media editor.

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can

access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Degrees/Certificates

Degrees

Transfer Degrees

- Journalism, A.A.-T (p. 261)

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Program Directors (SM, A, B)	\$87,975	3,310
Broadcast News Analysts (SM, B)	\$68,298	93
Reporters and Correspondents (B, M)	\$50,371	422

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Journalism, A.A.-T

The A.A. -T in Journalism transfer program teaches students the methods and techniques for gathering, processing and delivering news, and prepares students to be professional print and multimedia journalists. Included is instruction in news writing and editing, reporting and multimedia story production, professional standards and ethics, and journalism history and research. Careers in this field include book editor, copywriter, film critic, foreign correspondent, freelance writing, online editor, multimedia story producer, journalist, magazine editor, news anchor, newspaper editor, publicist, sportswriter, Public Relations practitioner, lawyer, and technical writer.

AA.JOUR.OPTBAAT or AS.JOUR.OPTCAAT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
COMM-110	Communications Media Survey	3
MATH-140 or PSYC-121	Introduction to Statistics or Statistics for Behavioral Sciences	3
SOCL-101	Principles of Sociology	3
Units		16
Spring Semester 1		
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
COMM-100	Public Speaking	3
COMM-119	Public Relations	3
PS-101	Introduction to American Government and Politics	3
Select One		
SPAN-101 or FREN-101 or ASL-100	Elementary Spanish I or Elementary French I or American Sign Language I	4
Units		16
Fall Semester 2		
ART-100	Art Appreciation	3
JOUR-110	Introduction to Reporting and Newswriting	3
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
Select One		
SPAN-102 or FREN-102 or ASL-101	Elementary Spanish II or Elementary French II or American Sign Language II	4
Units		14
Spring Semester 2		
COMM-103	Interpersonal Communication	3
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
PS-103	Ethnic Politics in America	
ENVS-101	Environmental Science	3
COMM-120	Survey of Communication Studies	3
JOUR-130	Journalism Practicum	3
Units		15
Total Units		61

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

UC: General Education Option C

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
HIST-112	U.S. History Since 1865	3
COMM-110	Communications Media Survey	3
MATH-140 or PSYC-121	Introduction to Statistics or Statistics for Behavioral Sciences	3
ANTH-145	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3
Units		16
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
COMM-100	Public Speaking	3
COMM-119	Public Relations	3
THA-137	Introduction to World Cinema	3
PS-101	Introduction to American Government and Politics	3
Units		15
Fall Semester 2		
ART-100	Art Appreciation	3
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
JOUR-110	Introduction to Reporting and Newswriting	3
Units		13
Spring Semester 2		
JOUR-130	Journalism Practicum	3
COMM-108	Intercultural Communication	3
ENVS-100	Humans and Scientific Inquiry	3
PSYC-101	Introduction to Psychology	3
Select One		
SPAN-101 or FREN-101 or ASL-100	Elementary Spanish I or Elementary French I or American Sign Language I	4
Units		16
Total Units		60

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Requirements

Course	Title	Credits
Required Core Courses		
COMM-110	Communications Media Survey	3
JOUR-110	Introduction to Reporting and Newswriting	3
JOUR-130	Journalism Practicum	3

List A: Select one

Select one of the following:	3
COMM-119	Public Relations

List B: Select two

Select two of the following:	6
COMM-120	Survey of Communication Studies
ECON-201	Principles of Macroeconomics ¹
or ECON-201H	Honors Principles of Macroeconomics
ECON-202	Principles of Microeconomics ¹
or ECON-202H	Honors Principles of Microeconomics
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)
or COMM-104H	Honors Argumentation and Debate (formerly Advocacy and Argument)
ENGL-103	Critical Thinking and Writing
or ENGL-103H	Honors Critical Thinking and Writing
MATH-140	Introduction to Statistics ²
PSYC/SOCI-121	Statistics for Behavioral Sciences ²
PS-101	Introduction to American Government and Politics
or PS-101H	Honors Introduction to American Government and Politics
PS-102/102H	Comparative Politics and Government

Total Units **18**

¹ Please note: Only one of the ECON courses can be used in this area.

² Please note: Only one of the following can be used in this area: MATH-140 or PSYC-121/SOCI-121.

Course	Title	Credits
Units for Major		18
MSJC General Education Option B or C (p. 97)		37-39
Possible double counting: 6		
Transferable Electives (as need to reach 60 CSU transferable units)		

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Kinesiology

Program Description

View on YouTube (https://www.youtube.com/watch?v=mp9_NUtsm-U)

The discipline of kinesiology is dedicated to the study of human movement and physical activity as it relates to health, society, and quality of life. Our field is designed to prepare students with the necessary knowledge and skills to analyze movement and develop a comprehensive physical fitness program. This degree is valuable for students that are interested in employment in physical therapy, applied fitness, exercise science, physical education, and sport studies.

View on YouTube (<https://www.youtube.com/watch?v=qKWMhRL1KMY>)

Physical Education is both an activity curriculum and an academic area of study emphasizing the physical and psychological aspects of human movement and performance. Exercise, activity, and sports are an important component in the development of well-rounded individuals interested in physical and mental well-being and the productive use of leisure time.

Kinesiology Department Page (<https://www.msjc.edu/physicaleducation/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Related-Content Groups

(4 attempts within a related-content group/each course 1 time for credit)

Course	Title	Credits
Aerobic Conditioning		
PE-112	Body Conditioning	1
PE-112A	Step Aerobics & Circuit Training (formerly Beginning Step Aerobics)	1
PE-113	Introduction to Jogging (formerly Jogging)	1
PE-119	Exercise Walking	1
PE-119B	Intermediate Fitness Walking	2
PE-120	Beginning Yoga	1
Basketball		
PE-104	(thru SU14)	
PE-133	Individual and Group Sports: Basketball	1
Soccer		
PE-108	(thru SU14)	
PE-137	Individual and Group Sports: Soccer	1
Tennis		
PE-132	Beginning Tennis	1
PE-132B	Intermediate Tennis	1
Volleyball		
PE-134	Introduction to Volleyball	1
PE-135	(thru SU14)	
Weight Training		
PE-114A	Strength Training: Circuit	1
PE-114B	Strength Training: Free Weights	1
PE-114C	Powerlifting	1

Contact Information

San Jacinto Campus
 (951) 487-MSJC (6752)
 1-800-624-5561
 Serinna Eason (951) 487-3597
 season@msjc.edu

Menifee Valley Campus
 (951) 672-MSJC (6752)
 1-800-452-3335

Degrees/Certificates

Degrees

Transfer Degree

- Kinesiology, A.A.-T (p. 264)

Non-Transfer Degree

- Physical Education, A.A. (p. 266)

Program Learning Outcomes

- Apply the principles of exercise testing and prescription to customize the principles of exercise, nutrition, and behavioral modification to create a long-term sustainable healthy lifestyle.
- Demonstrate proficiency, knowledge, skills and abilities to compete in various individual and team sports as an athlete, official, or a coach.
- Design and perform a safe and appropriate exercise program to increase and measure the five components of fitness (cardiovascular

endurance, muscle strength, muscle endurance, flexibility, body composition) for diverse populations.

- Design and perform a safe and appropriate practice program to increase and measure the six components of sport performance (agility, balance, ordination, speed, reaction time and power) for diverse populations.
- Develop and write an effective plan of initial treatment, rehabilitation, and preventative care for common athletic injuries and other emergency situations.
- Develop the body, mind, social connections and spirit through human movement.
- Examine and critique scientific literature, exercise methods, services and products, and understand and synthesize relevant information from it, and be able to convey findings both orally and in writing.
- Explore and prepare for educational and career options in Physical Education, Kinesiology, Exercise Science, Nutrition, and Athletic Coaching.
- Explore the anatomical, biomechanical and physiological components of human movement.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Health Education Teacher (B,M)	\$59,170	350
Exercise Physiologist (B)	\$79,000	1,400
Health & Fitness Rehabilitation & Medicine Athletic Trainer (B)	\$46,630	104
Physical Therapist (D)	\$87,930	1,060

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Kinesiology, A.A.-T

An A.A.-T in Kinesiology for Transfer will fulfill the requirements for students to transfer to a CSU university as a Kinesiology major. The courses in the A.A.-T in Kinesiology provide students with an ability to design appropriate programs for health, fitness and competitions, apply principles of exercise assessments, and critique scientific literature, identify exercise protocols, and synthesize information in problem solving as it relates to human movement.

AS.KINE.OPTBAST or AS.KINE.OPTCAST

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
COMM-100	Public Speaking	3
MATH-140	Introduction to Statistics	3
CSCR-100	College Success and Career Readiness (formerly GUID-100 College Success)	3
PE-195	Introduction to Kinesiology	3
Units		16
Spring Semester 1		
CHEM-101 or CHEM-107	General Chemistry I or Chemistry of Life	5
ENGL-103 or PHIL-112	Critical Thinking and Writing or Critical Thinking and Composition	3
Select one of the following:		1
PE-133	Individual and Group Sports: Basketball	
PE-134	Introduction to Volleyball	
PE-137	Individual and Group Sports: Soccer	
BIOL-100 or BIOL-115	Human Biology or Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
Select one of the following:		1
PE-112	Body Conditioning	
PE-112A	Step Aerobics & Circuit Training (formerly Beginning Step Aerobics)	
PE-113	Introduction to Jogging (formerly Jogging)	
PE-114A	Strength Training: Circuit	
PE-114B	Strength Training: Free Weights	
PE-114C	Powerlifting	
PE-119	Exercise Walking	
PE-119B	Intermediate Fitness Walking	
PE-120	Beginning Yoga	
Units		14
Fall Semester 2		
DAN-100	History and Appreciation of Dance	3
PS-101	Introduction to American Government and Politics	3
ANAT-101	Human Anatomy & Physiology I	4
Select one of the following:		1

DAN-120	Conditioning and Alignment for Dance	
DAN-121A	Beginning Ballet	
DAN-122A	Beginning Modern Dance	
DAN-123A	Beginning Jazz Dance	
DAN-124	Beginning Tap Dance	
DAN-126A	Intermediate Modern Dance	
DAN-129	Intermediate Tap Dance	
DAN-131A	Beginning Hip Hop (formerly DAN-131)	
DAN-131B	Advanced Beginning Hip Hop	
PE-132	Beginning Tennis	
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
Units		14
Spring Semester 2		
ANAT-102	Human Anatomy & Physiology II	4
PHIL-101	Introduction to Philosophy I	3
NUTR-100	Family Nutrition	3
HIST-107 or HIST-108	The History of East Asia Before 1600 or The History of East Asia Since 1600	3
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
PS-103	Ethnic Politics in America	
Units		16
Total Units		60

NOTE: Major prep will change depending on the transfer institution. Please see a counselor for developing an accurate educational plan.

CSUSM: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
COMM-100	Public Speaking	3
MATH-110 or MATH-140	Pre-Calculus ² or Introduction to Statistics	4
CSCR-100	College Success and Career Readiness (formerly GUID-100 College Success)	3
PE-195	Introduction to Kinesiology	3
Units		17
Spring Semester 1		
PE-115	First Aid and CPR	3
ENGL-103 or PHIL-112	Critical Thinking and Writing or Critical Thinking and Composition	3
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
Select one of the following:		1
PE-133	Individual and Group Sports: Basketball	
PE-134	Introduction to Volleyball	
PE-137	Individual and Group Sports: Soccer	
BIOL-100	Human Biology	4
Units		14

Summer 1		
CHEM-107 or CHEM-101	Chemistry of Life ¹ or General Chemistry I	5
Units		5
Fall Semester 2		
DAN-100	History and Appreciation of Dance	3
PS-101	Introduction to American Government and Politics	3
ANAT-101	Human Anatomy & Physiology I	4
Select one of the following:		1
DAN-120	Conditioning and Alignment for Dance	
DAN-121A	Beginning Ballet	
DAN-122A	Beginning Modern Dance	
DAN-123A	Beginning Jazz Dance	
DAN-124	Beginning Tap Dance	
DAN-126A	Intermediate Modern Dance	
DAN-129	Intermediate Tap Dance	
DAN-131A	Beginning Hip Hop (formerly DAN-131)	
DAN-131B	Advanced Beginning Hip Hop	
PE-132	Beginning Tennis	
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
PS-103	Ethnic Politics in America	
Units		14
Spring Semester 2		
ANAT-102	Human Anatomy & Physiology II	4
PHIL-101	Introduction to Philosophy I	3
NUTR-100	Family Nutrition	3
HIST-107 or HIST-108	The History of East Asia Before 1600 or The History of East Asia Since 1600	3
Select one of the following:		1
PE-112	Body Conditioning	
PE-112A	Step Aerobics & Circuit Training (formerly Beginning Step Aerobics)	
PE-113	Introduction to Jogging (formerly Jogging)	
PE-114A	Strength Training: Circuit	
PE-114B	Strength Training: Free Weights	
PE-114C	Powerlifting	
PE-119	Exercise Walking	
PE-119B	Intermediate Fitness Walking	
PE-120	Beginning Yoga	
Units		14
Total Units		64

¹ Depends on career emphasis.

² Which math course you should take depends on the Kinesiology chosen for CSUSM

NOTE: Math/Chem/Phy will depend on Kines-emphasis in Movement Science or Health Science. Pre-Calc required for Movement Science.

Requirements

Course	Title	Credits
Required Core Courses		
ANAT-101	Human Anatomy & Physiology I	4
ANAT-102	Human Anatomy & Physiology II	4
PE-195	Introduction to Kinesiology	3
Required Movement-Based Courses		
Select one course maximum from any three of the following areas:		3-5
<i>Area 1: Aquatics (no MSJC equivalent)</i>		
<i>Area 2: Combatives (no MSJC equivalent)</i>		
<i>Area 3: Dance</i>		
DAN-120	Conditioning and Alignment for Dance	
DAN-121A	Beginning Ballet	
DAN-122A	Beginning Modern Dance	
DAN-123A	Beginning Jazz Dance	
DAN-124	Beginning Tap Dance	
DAN-126A	Intermediate Modern Dance	
DAN-129	Intermediate Tap Dance	
DAN-131A	Beginning Hip Hop (formerly DAN-131)	
DAN-135A	Intermediate Hip Hop	
<i>Area 4: Fitness</i>		
PE-112	Body Conditioning	
PE-112A	Step Aerobics & Circuit Training (formerly Beginning Step Aerobics)	
PE-113	Introduction to Jogging (formerly Jogging)	
PE-114A	Strength Training: Circuit	
PE-114B	Strength Training: Free Weights	
PE-114C	Powerlifting	
PE-119	Exercise Walking	
PE-119B	Intermediate Fitness Walking	
PE-120	Beginning Yoga	
<i>Area 5: Individual Sports</i>		
PE-132	Beginning Tennis	
<i>Area 6: Team Sports</i>		
PE-133	Individual and Group Sports: Basketball	
PE-134	Introduction to Volleyball	
PE-137	Individual and Group Sports: Soccer	
List A: Select two		
Select two of the following:		6-9
BIOL-100	Human Biology	
CHEM-101	General Chemistry I	
or CHEM-107	Chemistry of Life	
MATH-140	Introduction to Statistics	
PE-115	First Aid and CPR	
PHY-101	Basic Physics: Energy and Motion	
PHY-201	Mechanics and Wave Motion	
Total Units		20-25
Course	Title	Credits
Units for Major		20-25
CSU General Education or IGETC Pattern		37-39

Possible double counting: 10-14 units

Transferable Electives (as needed to reach 60 CSU transferable units)

Total Units for A.S.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Physical Education, A.A.

The major requirement for a non-transfer Associate in Arts degree in Physical Education may be met by completing a minimum of 18 units in Physical Education from the following areas: 12 units from the PE core requirements, at least 6 units from the elective requirements and one GE course from GE group #1, one course from GE group #2 and meeting all other MSJC General Education Option A requirements (for a total of 60 units).

AA.PE

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of

courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
COMM-100	Public Speaking	3
MATH-140	Introduction to Statistics	3
CSCR-100	College Success and Career Readiness (formerly GUID-100 College Success)	3
PE-195	Introduction to Kinesiology	3
Units		16
Spring Semester 1		
PE-115	First Aid and CPR	3
ENGL-103	Critical Thinking and Writing	3
HIST-112	U.S. History Since 1865	3
Select three units of the following:		3
PE-112	Body Conditioning	
PE-112A	Step Aerobics & Circuit Training (formerly Beginning Step Aerobics)	
PE-113	Introduction to Jogging (formerly Jogging)	
PE-114A	Strength Training: Circuit	
PE-114B	Strength Training: Free Weights	
PE-114C	Powerlifting	
PE-119	Exercise Walking	
PE-119B	Intermediate Fitness Walking	
PE-120	Beginning Yoga	
PE-132	Beginning Tennis	
PE-132B	Intermediate Tennis	
PE-133	Individual and Group Sports: Basketball	
PE-134	Introduction to Volleyball	
PE-137	Individual and Group Sports: Soccer	
PEIC-139	Intercollegiate Sports: Soccer (Women)	
PEIC-139A	Pre-Season Athletics: Soccer (Women)	
PEIC-139B	Off-Season Athletics: Soccer (Women)	
PEIC-140	Intercollegiate Sports: Football (Men)	
PEIC-140A	Pre-Season Athletics: Football (Men)	
PEIC-140B	Off-Season Athletics: Football (Men)	
PEIC-141A	Intercollegiate Sports: Basketball (Men) Pre-Conference Competition	
PEIC-141B	Intercollegiate Sports: Basketball (Men) Conference and Post- Conference Competition	
PEIC-141C	Pre-Season Athletics: Basketball (Men)	
PEIC-141D	Off-Season Athletics: Basketball (Men)	
PEIC-142	Intercollegiate Sports: Volleyball (Women)	
PEIC-142A	Pre-Season Athletics: Volleyball (Women)	

PEIC-142B	Off-Season Athletics: Volleyball (Women)	
PEIC-143A	Intercollegiate Sports: Basketball (Women) Pre-Conference Competition	
PEIC-143B	Intercollegiate Sports: Basketball (Women) Conference and Post- Conference Competition	
PEIC-143C	Pre-Season Athletics: Basketball (Women)	
PEIC-143D	Off-Season Athletics: Basketball (Women)	
PEIC-144	Intercollegiate Sports: Baseball (Men)	
PEIC-144A	Pre-Season Athletics: Baseball (Men)	
PEIC-144B	Off-Season Athletics: Baseball (Men)	
PEIC-145	Intercollegiate Sports: Tennis (Men)	
PEIC-145A	Pre-Season Athletics: Tennis (Men)	
PEIC-145B	Off-Season Athletics: Tennis (Men)	
PEIC-146	Intercollegiate Sports: Tennis (Women)	
PEIC-146A	Pre-Season Athletics: Tennis (Women)	
PEIC-146B	Off-Season Athletics: Tennis (Women)	
PEIC-147	Intercollegiate Sports: Golf	
PEIC-147A	Pre-Season Athletics: Golf	
PEIC-147B	Off-Season Athletics: Golf	
PEIC-148	Intercollegiate Sports: Softball (Women)	
PEIC-148A	Pre-Season Athletics: Softball (Women)	
PEIC-150	Intercollegiate Sports: Beach Volleyball (Women)	
PEIC-150A	Pre-Season Athletics: Beach Volleyball (Women)	
PEIC-150B	Off-Season Athletics: Beach Volleyball (Women)	
NUTR-100	Family Nutrition	3
Units		15
Fall Semester 2		
DAN-100	History and Appreciation of Dance	3
BIOL-100	Human Biology	4
Select four units of the following:		4
PE-112	Body Conditioning	
PE-112A	Step Aerobics & Circuit Training (formerly Beginning Step Aerobics)	
PE-113	Introduction to Jogging (formerly Jogging)	
PE-114A	Strength Training: Circuit	
PE-114B	Strength Training: Free Weights	
PE-114C	Powerlifting	
PE-119	Exercise Walking	
PE-119B	Intermediate Fitness Walking	
PE-120	Beginning Yoga	
PE-132	Beginning Tennis	
PE-132B	Intermediate Tennis	
PE-133	Individual and Group Sports: Basketball	
PE-134	Introduction to Volleyball	
PE-137	Individual and Group Sports: Soccer	
PEIC-139	Intercollegiate Sports: Soccer (Women)	
PEIC-139A	Pre-Season Athletics: Soccer (Women)	
PEIC-139B	Off-Season Athletics: Soccer (Women)	
PEIC-140	Intercollegiate Sports: Football (Men)	

PEIC-140A	Pre-Season Athletics: Football (Men)	
PEIC-140B	Off-Season Athletics: Football (Men)	
PEIC-141A	Intercollegiate Sports: Basketball (Men) Pre-Conference Competition	
PEIC-141B	Intercollegiate Sports: Basketball (Men) Conference and Post- Conference Competition	
PEIC-141C	Pre-Season Athletics: Basketball (Men)	
PEIC-141D	Off-Season Athletics: Basketball (Men)	
PEIC-142	Intercollegiate Sports: Volleyball (Women)	
PEIC-142A	Pre-Season Athletics: Volleyball (Women)	
PEIC-142B	Off-Season Athletics: Volleyball (Women)	
PEIC-143A	Intercollegiate Sports: Basketball (Women) Pre-Conference Competition	
PEIC-143B	Intercollegiate Sports: Basketball (Women) Conference and Post- Conference Competition	
PEIC-143C	Pre-Season Athletics: Basketball (Women)	
PEIC-143D	Off-Season Athletics: Basketball (Women)	
PEIC-144	Intercollegiate Sports: Baseball (Men)	
PEIC-144A	Pre-Season Athletics: Baseball (Men)	
PEIC-144B	Off-Season Athletics: Baseball (Men)	
PEIC-145	Intercollegiate Sports: Tennis (Men)	
PEIC-145A	Pre-Season Athletics: Tennis (Men)	
PEIC-145B	Off-Season Athletics: Tennis (Men)	
PEIC-146	Intercollegiate Sports: Tennis (Women)	
PEIC-146A	Pre-Season Athletics: Tennis (Women)	
PEIC-146B	Off-Season Athletics: Tennis (Women)	
PEIC-147	Intercollegiate Sports: Golf	
PEIC-147A	Pre-Season Athletics: Golf	
PEIC-147B	Off-Season Athletics: Golf	
PEIC-148	Intercollegiate Sports: Softball (Women)	
PEIC-148A	Pre-Season Athletics: Softball (Women)	
PEIC-150	Intercollegiate Sports: Beach Volleyball (Women)	
PEIC-150A	Pre-Season Athletics: Beach Volleyball (Women)	
PEIC-150B	Off-Season Athletics: Beach Volleyball (Women)	
PE-110	Prevention and Care of Athletic Injuries	3

Units 14

Spring Semester 2

PSYC-101	Introduction to Psychology	3
Select three units of the following:		3
PE-112	Body Conditioning	
PE-112A	Step Aerobics & Circuit Training (formerly Beginning Step Aerobics)	
PE-113	Introduction to Jogging (formerly Jogging)	
PE-114A	Strength Training: Circuit	
PE-114B	Strength Training: Free Weights	
PE-114C	Powerlifting	
PE-119	Exercise Walking	
PE-119B	Intermediate Fitness Walking	
PE-120	Beginning Yoga	

PE-132	Beginning Tennis	
PE-132B	Intermediate Tennis	
PE-133	Individual and Group Sports: Basketball	
PE-134	Introduction to Volleyball	
PE-137	Individual and Group Sports: Soccer	
PEIC-139	Intercollegiate Sports: Soccer (Women)	
PEIC-139A	Pre-Season Athletics: Soccer (Women)	
PEIC-139B	Off-Season Athletics: Soccer (Women)	
PEIC-140	Intercollegiate Sports: Football (Men)	
PEIC-140A	Pre-Season Athletics: Football (Men)	
PEIC-140B	Off-Season Athletics: Football (Men)	
PEIC-141A	Intercollegiate Sports: Basketball (Men) Pre-Conference Competition	
PEIC-141B	Intercollegiate Sports: Basketball (Men) Conference and Post- Conference Competition	
PEIC-141C	Pre-Season Athletics: Basketball (Men)	
PEIC-141D	Off-Season Athletics: Basketball (Men)	
PEIC-142	Intercollegiate Sports: Volleyball (Women)	
PEIC-142A	Pre-Season Athletics: Volleyball (Women)	
PEIC-142B	Off-Season Athletics: Volleyball (Women)	
PEIC-143A	Intercollegiate Sports: Basketball (Women) Pre-Conference Competition	
PEIC-143B	Intercollegiate Sports: Basketball (Women) Conference and Post- Conference Competition	
PEIC-143C	Pre-Season Athletics: Basketball (Women)	
PEIC-143D	Off-Season Athletics: Basketball (Women)	
PEIC-144	Intercollegiate Sports: Baseball (Men)	
PEIC-144A	Pre-Season Athletics: Baseball (Men)	
PEIC-144B	Off-Season Athletics: Baseball (Men)	
PEIC-145	Intercollegiate Sports: Tennis (Men)	
PEIC-145A	Pre-Season Athletics: Tennis (Men)	
PEIC-145B	Off-Season Athletics: Tennis (Men)	
PEIC-146	Intercollegiate Sports: Tennis (Women)	
PEIC-146A	Pre-Season Athletics: Tennis (Women)	
PEIC-146B	Off-Season Athletics: Tennis (Women)	
PEIC-147	Intercollegiate Sports: Golf	
PEIC-147A	Pre-Season Athletics: Golf	
PEIC-147B	Off-Season Athletics: Golf	
PEIC-148	Intercollegiate Sports: Softball (Women)	
PEIC-148A	Pre-Season Athletics: Softball (Women)	
PEIC-150	Intercollegiate Sports: Beach Volleyball (Women)	
PEIC-150A	Pre-Season Athletics: Beach Volleyball (Women)	
PEIC-150B	Off-Season Athletics: Beach Volleyball (Women)	
HS-121	Fundamentals of Healthful Living	3
ART-104	World Art	3
PE-106	Sports Officiating	3
Units		15
Total Units		60

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required PE Core Courses		12
PE Electives		6
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required GE Group 1 Courses		
Select one of the following:		
ANAT-101	Human Anatomy & Physiology I (or higher)	
BIOL-100	Human Biology (or higher)	
or BIOL-100H	Honors Human Biology	
CHEM-100	Introduction to Chemistry (or higher)	

Required GE Group 2 Courses		
Select one of the following:		
HS-121	Fundamentals of Healthful Living	
HS-123	Drugs, Health and Society (formerly Drugs: Use and Abuse)	
NUTR-100	Family Nutrition	
or NUTR-100H	Honors Family Nutrition	
NUTR-101	Introduction to Nutrition Science (formerly Nutrition and Foods)	
or NUTR-101H	Honors Introduction to Nutrition Science (formerly Nutrition and Foods)	

Required Courses		
PE-106	Sports Officiating	3
PE-110	Prevention and Care of Athletic Injuries	3
PE-115	First Aid and CPR	3
PE-195	Introduction to Kinesiology	3

Electives		
Select six units of the following: 6		
PE-112	Body Conditioning	
PE-112A	Step Aerobics & Circuit Training (formerly Beginning Step Aerobics)	
PE-113	Introduction to Jogging (formerly Jogging)	
PE-114A	Strength Training: Circuit	
PE-114B	Strength Training: Free Weights	
PE-114C	Powerlifting	
PE-119	Exercise Walking	
PE-119B	Intermediate Fitness Walking	
PE-120	Beginning Yoga	
PE-132	Beginning Tennis	
PE-132B	Intermediate Tennis	
PE-133	Individual and Group Sports: Basketball	
PE-134	Introduction to Volleyball	
PE-137	Individual and Group Sports: Soccer	
PEIC-139	Intercollegiate Sports: Soccer (Women)	
PEIC-139A	Pre-Season Athletics: Soccer (Women)	

PEIC-139B	Off-Season Athletics: Soccer (Women)
PEIC-140	Intercollegiate Sports: Football (Men)
PEIC-140A	Pre-Season Athletics: Football (Men)
PEIC-140B	Off-Season Athletics: Football (Men)
PEIC-141A	Intercollegiate Sports: Basketball (Men) Pre-Conference Competition
PEIC-141B	Intercollegiate Sports: Basketball (Men) Conference and Post- Conference Competition
PEIC-141C	Pre-Season Athletics: Basketball (Men)
PEIC-141D	Off-Season Athletics: Basketball (Men)
PEIC-142	Intercollegiate Sports: Volleyball (Women)
PEIC-142A	Pre-Season Athletics: Volleyball (Women)
PEIC-142B	Off-Season Athletics: Volleyball (Women)
PEIC-143A	Intercollegiate Sports: Basketball (Women) Pre-Conference Competition
PEIC-143B	Intercollegiate Sports: Basketball (Women) Conference and Post- Conference Competition
PEIC-143C	Pre-Season Athletics: Basketball (Women)
PEIC-143D	Off-Season Athletics: Basketball (Women)
PEIC-144	Intercollegiate Sports: Baseball (Men)
PEIC-144A	Pre-Season Athletics: Baseball (Men)
PEIC-144B	Off-Season Athletics: Baseball (Men)
PEIC-145	Intercollegiate Sports: Tennis (Men)
PEIC-145A	Pre-Season Athletics: Tennis (Men)
PEIC-145B	Off-Season Athletics: Tennis (Men)
PEIC-146	Intercollegiate Sports: Tennis (Women)
PEIC-146A	Pre-Season Athletics: Tennis (Women)
PEIC-146B	Off-Season Athletics: Tennis (Women)
PEIC-147	Intercollegiate Sports: Golf
PEIC-147A	Pre-Season Athletics: Golf
PEIC-147B	Off-Season Athletics: Golf
PEIC-148	Intercollegiate Sports: Softball (Women)
PEIC-148A	Pre-Season Athletics: Softball (Women)
PEIC-148B	Off-Season Athletics: Softball (Women)
PEIC-150	Intercollegiate Sports: Beach Volleyball (Women)
PEIC-150A	Pre-Season Athletics: Beach Volleyball (Women)
PEIC-150B	Off-Season Athletics: Beach Volleyball (Women)

Total Units **18**

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.

3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Law, Public Policy and Society

Program Description

Are you intrigued by how laws are designed, interpreted, applied, and work in the courtroom? Do you want to know more about how law and public policy shape the social, political, environmental, and economic world around you? Perhaps you want to work in law enforcement, the courts, or the legal field? Or, maybe you want to advocate for others? The Law, Public Policy, and Society study span the humanities and the social sciences, incorporating disciplines, such as criminal justice, economics, history, philosophy, political science, psychology, sociology, and communications. Careers in this field include law or court clerk, paralegal, legal aid worker, social worker, advocacy and policy worker, and more.

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Degrees/Certificates

Degrees

Transfer Degrees

- Law, Public Policy and Society, A.A.-T (p. 270)

Program Learning Outcomes

- Analyze social science concepts and theories using critical thinking.
- Evaluate diverse viewpoints related to human experience and produce evidence-based arguments.
- Identify and explain the institutions that make up the American political system including the legal fields.
- Develop communication skills and demonstrate the ability to write and speak to persuade a diversity of audiences.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Law, Public Policy, and Society	Career field may be wide and varied. See counselor or SUCCESS! Coach for more information.	

(*degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate*)

Law, Public Policy and Society, A.A.-T

An A.A.-T in Law, Public Policy, and Society for Transfer will fulfill the requirements for students to transfer to a CSU institution as an Interdisciplinary Major. The courses in this A.A.-T in Law, Public Policy, and Society for Transfer focus on an introductory foundation of Law, Public Policy and Society through the study of interdisciplinary fields of study to include criminal justice, political science, history, philosophy, sociology, economics, and communications. Students completing this degree will acquire skills and abilities in communication, critical thinking, an introduction to the legal field, as well as preparation for further study in a variety of majors.

AA.LPPS.OPTBAAT or AA.LPPS.OPTCAAT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

This program provides students with focused program options. A focused program map contains courses that help students specialize in a distinct area and connects to careers. Talk to a counselor about preparing for transfer to specific schools.

Public Administration Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-140 or PSYC-121	Introduction to Statistics or Statistics for Behavioral Sciences	3

AJ-111	Criminal Procedures	3
COMM-100	Public Speaking	3
SOCI-101	Principles of Sociology	3
Units		16
Spring Semester 1		
COMM-104 or ENGL-103	Argumentation and Debate (formerly Advocacy and Argument) or Critical Thinking and Writing	3
AJ-101	Criminal Law	3
PS-101	Introduction to American Government and Politics	3
SOCI-102	Contemporary Social Problems	3
MUS-108	History of Jazz and Blues	3
Units		15
Fall Semester 2		
ENVS-100 or ENVS-101	Humans and Scientific Inquiry or Environmental Science	3
PHIL-105	Introduction to Ethics	3
ECON-201	Principles of Macroeconomics	3
PS-103	Ethnic Politics in America	3
SPAN-101	Elementary Spanish I	4
Units		16
Spring Semester 2		
ECON-202	Principles of Microeconomics	3
CSIS-101	Introduction to Computers and Data Processing	3
HIST-112	U.S. History Since 1865	3
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
Units		13
Total Units		60

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

CSUSM: General Education Option B

This program provides students with focused program options. A focused program map contains courses that help students specialize in a distinct area and connects to careers. Talk to a counselor about preparing for transfer to specific schools.

Sociology Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-140 or PSYC-121	Introduction to Statistics or Statistics for Behavioral Sciences	3
AJ-111	Criminal Procedures	3
COMM-100	Public Speaking	3
SOCI-101	Principles of Sociology	3
Units		16

Spring Semester 1		
COMM-104 or ENGL-103	Argumentation and Debate (formerly Advocacy and Argument) or Critical Thinking and Writing	3
Select one of the following:		
HIST-160	Black History in the American Context	3
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
PS-101	Introduction to American Government and Politics	3
SOCI-102	Contemporary Social Problems	3
SPAN-101	Elementary Spanish I	4
Units		16
Fall Semester 2		
ENVS-100 or ENVS-101	Humans and Scientific Inquiry or Environmental Science	3
PHIL-105	Introduction to Ethics	3
ECON-201	Principles of Macroeconomics	3
AJ-118	Community and the Justice System	3
SPAN-102	Elementary Spanish II	4
Units		16
Spring Semester 2		
SPAN-201	Intermediate Spanish I	4
HIST-112	U.S. History Since 1865	3
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
MUS-108	History of Jazz and Blues	3
Units		14
Total Units		62

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements. CSUSM Grad Requirements: Language (<https://www.csusm.edu/academicadvising/gradrequirements/language/>)

UCR: General Education Option C

This program provides students with focused program options. A focused program map contains courses that help students specialize in a distinct area and connects to careers. Talk to a counselor about preparing for transfer to specific schools.

Public Services Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-140 or PSYC-121	Introduction to Statistics or Statistics for Behavioral Sciences	3
AJ-101	Criminal Law	3
COMM-100	Public Speaking	3
SOCI-101	Principles of Sociology	3
Units		16
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3

MUS-108	History of Jazz and Blues	3
PS-101	Introduction to American Government and Politics	3
ENVS-100 or ENVS-101	Humans and Scientific Inquiry or Environmental Science	3
ECON-202	Principles of Microeconomics	3
Units		15
Fall Semester 2		
PS-102	Comparative Politics and Government	3
PHIL-105	Introduction to Ethics	3
BADM-103	Introduction to Business	3
CSIS-101	Introduction to Computers and Data Processing	3
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
Units		16
Spring Semester 2		
PS-106	Introduction to International Relations	3
SPAN-101	Elementary Spanish I	4
HIST-112	U.S. History Since 1865	3
ACCT-124	Financial Accounting - Principles of Accounting I	3
ANTH-145	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3
Units		16
Total Units		63

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Sociology Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-140 or PSYC-121	Introduction to Statistics or Statistics for Behavioral Sciences	3
AJ-101	Criminal Law	3
COMM-100	Public Speaking	3
SOCI-101	Principles of Sociology	3
Units		16
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
MUS-108	History of Jazz and Blues	3
PS-101	Introduction to American Government and Politics	3
SOCI-102	Contemporary Social Problems	3
AJ-102	Introduction to Criminal Justice	3
Units		15

Fall Semester 2		
PS-102	Comparative Politics and Government	3
PHIL-105	Introduction to Ethics	3
ENVS-100 or ENVS-101	Humans and Scientific Inquiry or Environmental Science	3
CSIS-101	Introduction to Computers and Data Processing	3
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
Units		16
Spring Semester 2		
BADM-103	Introduction to Business	3
SPAN-101	Elementary Spanish I	4
HIST-112	U.S. History Since 1865	3
ACCT-124	Financial Accounting - Principles of Accounting I	3
ANTH-145	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3
Units		16
Total Units		63

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Requirements

Course	Title	Credits
Required Core Courses		
Select one from each area:		3
AJ-101	Criminal Law	
AJ-102	Introduction to Criminal Justice	
AJ-111	Criminal Procedures	
BADM-201	Legal Environment of Business	
Select one from each area:		3
PHIL-105	Introduction to Ethics	
Select one from each area:		3
COMM-100 or COMM-100H	Public Speaking Honors Public Speaking	
COMM-104 or COMM-104H	Argumentation and Debate (formerly Advocacy and Argument) Honors Argumentation and Debate (formerly Advocacy and Argument)	
COMM-106	Small Group Communication	
Select one from each area:		4
ENGL-101 or ENGL-101H	College Composition (formerly Freshman Composition) Honors College Composition (formerly Freshman Composition)	
Select one from each area:		3
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	

or COMM-104H	Honors Argumentation and Debate (formerly Advocacy and Argument)
COMM-115	Persuasion
ENGL-103	Critical Thinking and Writing
or ENGL-103H	Honors Critical Thinking and Writing
PHIL-103	Logic

Select one from each area: 3

MATH-140	Introduction to Statistics
PSYC/SOCI-121	Statistics for Behavioral Sciences

Select one from each area: 3

HIST-111	U.S. History to 1877
or HIST-111H	Honors U.S. History to 1877
HIST-112	U.S. History Since 1865
or HIST-112H	Honors U.S. History Since 1865

Select one from each area: 3

PS-101	Introduction to American Government and Politics
or PS-101H	Honors Introduction to American Government and Politics

List A: Select two from two of the areas listed below. (6 units required) 6**NOTE: Course must not have been used above.****Area: 1 Administration of Justice/Criminal Justice/Criminology**

AJ-101	Criminal Law
AJ-102	Introduction to Criminal Justice
AJ-103	Criminal Evidence
AJ-106	Juvenile Procedures
AJ-111	Criminal Procedures
AJ-118	Community and the Justice System
CORR-101	Introduction to Correctional Science

Area: 2 Business

BADM-201	Legal Environment of Business
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Area: 3 Economics

ECON-201	Principles of Macroeconomics
or ECON-201H	Honors Principles of Macroeconomics
ECON-202	Principles of Microeconomics
or ECON-202H	Honors Principles of Microeconomics

Area: 4 Political Science

PS-102	Comparative Politics and Government
PS-105	Introduction to Political Theory
or PS-105H	Honors Introduction to Political Theory
PS-106	Introduction to International Relations

Area: 5 Public Policy

HS-123	Drugs, Health and Society (formerly Drugs: Use and Abuse)
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Area: 6 Diversity

ANTH-102	Cultural Anthropology
or ANTH-102H	Honors Cultural Anthropology
COMM-108	Intercultural Communication
or COMM-108H	Honors Intercultural Communication
GEOG-102	Cultural Geography

HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)
or HIST-150H	Honors Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)

Area: 7 College Success

CSCR-116	Integrative Career/Life Planning (formerly GUID-116)	3
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Area: 8 Internship/Fieldwork

AJ-549	Cooperative Work Experience: Administration of Justice (formerly AJ-149)
COMM-549	Cooperative Work Experience: Communication Studies (formerly COMM-149)
CWE-549	General Work Experience (formerly CWE-149)
LEG-549	Cooperative Work Experience: Legal Assistant (formerly LEG-149)
MGT-549	Cooperative Work Experience: Management (formerly MGT-149)

Total Units 34

Course	Title	Credits
Units for Major		31
MSJC General Education Option B or C (p. 97)		37-39

Possible double counting: 15-27**Transferable Electives (as need to reach 60 CSU transferable units)**

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.

2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Leadership

Program Description

Learn to develop a leader's mindset and become a person of influence. Creating a culture of change, leading with trust, and resolving conflicts are part of what a leader does. With an awareness of your strengths, you will learn to lead effectively. These courses will show you that anyone can be a leader, an effective leader. Personal growth and creating a positive change is taught with strength and passion. If you have a desire to be successful and strive for excellence, then developing the leader in you is key! The leadership program provides a structured set of skills that help you positively impact your life and the lives around you.

Leadership Program Page (<https://www.msjc.edu/leadership/>)

Contact Information

San Jacinto Campus
(951) 487-MSJC (6752)
1-800-624-5561
Counseling (951) 487-3255

Menifee Valley Campus
(951) 672-MSJC (6752)
1-800-452-3335
Counseling (951) 639-3255

Degrees/Certificates

Employment Concentrations

- Leadership Development Employment Concentration (p. 274)

Program Learning Outcomes

- Learn to lead and develop a strong foundation for chosen endeavors.
- Develop and display personal communication and leadership skills.
- Support and engage in student life and campus for community leadership.
- Analyze, plan and organize complex problems and complex settings cooperatively to promote teamwork and community involvement.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market

statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career field may be wide and varied. See a counselor or SUCCESS! Coach for more information.

Leadership Development Employment Concentration

The Leadership Development Employment Concentration Certificate is a 12 unit certificate for MSJC students interested in further developing their leadership, people management, and communication skills. Completion of this ECC helps students to obtain practical tools for effective decision making, discover strengths, enhance student capacity to lead ethically and effectively, and obtain practical knowledge of professionalism. The Leadership Development ECC recipients are recognized at the end of the year Student Recognition Celebration (with many other leaders and student organization).

ECC.LEAD

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
LEAD-500	Leadership Development (LEAD-101)	3
LEAD-501	Advanced Leadership Skills (formerly LEAD-102)	3
COMM-100	Public Speaking	3
ENGL-101	College Composition (formerly Freshman Composition)	4
Units		13
Total Units		13

Requirements

Course	Title	Credits
Required Courses		
LEAD-500	Leadership Development (LEAD-101)	3
LEAD-501	Advanced Leadership Skills (formerly LEAD-102)	3
COMM-100 or COMM-100H	Public Speaking Honors Public Speaking	3
Subtotal		9
Elective Courses		
Select one of the following:		3
LEAD-299	Special Projects: Special Topics in Leadership (formerly SGA-299)	

ENGL-101	College Composition (formerly Freshman Composition)	
ENGL-101H	Honors College Composition (formerly Freshman Composition)	
Subtotal		3
Total Units		12

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Legal Studies

Program Description

If you're interested in being a part of an exciting profession that impacts every area of our lives, then becoming a legal assistant is the right career for you. But what does a legal assistant, or paralegal, do? Basically, they help attorneys keep things organized and on track by doing important legal tasks. This includes assisting attorneys during trials, organizing and managing case files, performing legal research, preparing legal briefs, filing legal documents, and conducting client and witness interviews. The legal assistant program will challenge you intellectually and provide you with the skills needed to work in this exciting field.

In the Legal Assistant program, we study law to understand the foundation our society is built upon, the laws created to protect us, and the rules we are bound to respect. We learn to think critically about current legal issues and develop skills needed to work under the direction of an attorney. According to the Department of Labor, as more people will require additional legal services, the demand for paralegals is expected to grow faster than the average for all occupations through 2024. Also, if you already have an Associate's or Bachelor's degree in any area, this program can give you the legal basics a paralegal needs to know while building upon the areas you've already completed. The Legal Assistant Program provides you with the educational foundation to help you transfer to a pre-law program or related field of study and to work in all areas of the legal system, including courts, law firms, and government agencies.

* Paralegals may not provide legal services directly to the public except as permitted by law.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)

1-800-624-5561

Dean of Instruction, Career Education (951) 639-5352

careereducation@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Dean of Instruction, Career Education (951) 639-5352

careereducation@msjc.edu

Degrees/Certificates

Degrees

Non-Transfer Degree

- Legal Studies, A.S. (p. 276)

Certificates

- Legal Studies Certificate (p. 277)

Program Learning Outcomes

- Analyze information and legal considerations to assist the attorney in decision-making and advise to clients.
- Conduct legal and non-legal research using correct legal methods.
- Draft commercial documents, agency filings, court pleadings and agreements using correct formatting and editing skills.
- Explain the theoretical foundation of the legal environment to understand the legal system.
- Student will be able to draft a pleading following court rules relating to captions.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Paralegals and Legal Assistants (C, A, B)	\$54,120	2,346
Title Examiners, Abstractors, and Searchers (SM, C, B)	\$56,543	254
Legal Secretaries (SM, A, B)	\$52,516	1,743

(*degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate*)

Career field may be wide and varied. See a counselor or SUCCESS! Coach for more information.

Legal Studies, A.S.

If you're interested in being a part of an exciting profession that impacts every area of our lives, then becoming a legal assistant is the right career for you. But what does a legal assistant, or paralegal, do? Basically, they help the attorneys they work for keep things organized and on track by doing important legal tasks. This can include assisting attorneys during trials, organizing and managing case files, performing legal research, preparing legal briefs, filing legal documents, and conducting client and witness interviews. The Legal Studies program will challenge you intellectually and provide you with the skills needed to work in this exciting field.

In the Legal Studies program, we study law to understand the foundation our society is built upon, the laws created to protect us, and the rules we are bound to respect. We learn to think critically about current legal issues and develop skills needed to work under the direction of an attorney. According to the Department of Labor, as more people will require additional legal services, the demand for paralegals is expected to grow faster than the average for all occupations through 2024. Also, if you already have an Associate's or Bachelor's degree in any area, this program can give you the legal basics a paralegal needs to know while building upon the areas you've already completed. The Associate in Science - Legal Studies degree provides you with the educational foundation to help you work in all areas of the legal system, including courts, law firms and government agencies. *Paralegals may not provide legal services directly to the public except as permitted by law.

AS.LG

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
LEG-100	Foundations of the Legal System	3
LEG-505	California Civil Procedure (formerly LEG-105)	3
CSCR-502 or HS-121	Personal Success Habits of Highly Effective People (formerly GUID-120) or Fundamentals of Healthful Living	3
ENGL-101	College Composition (formerly Freshman Composition)	4
COMM-100	Public Speaking	3
Units		16
Spring Semester 1		
LEG-507	Research and Writing for Legal Assistant (formerly LEG-107)	3
ANTH-101	Physical Anthropology	3
HIST-112	U.S. History Since 1865	3

LEG-560	Business Organizations (formerly LEG-160)	3
MATH-140	Introduction to Statistics	3
Units		15
Fall Semester 2		
LEG-524	Immigration Law (formerly LEG-124)	3
LEG-534	Family Law (formerly LEG-134)	3
LEG-549 or CWE-549	Cooperative Work Experience: Legal Assistant (formerly LEG-149) or General Work Experience (formerly CWE-149)	2
AJ-101	Criminal Law	3
LIT-280	Multiethnic Literature (formerly ENGL-280)	3
Units		14
Spring Semester 2		
LEG-512	Administrative Law (formerly LEG-112)	3
LEG-503	Elder Law (formerly LEG-103)	3
AJ-103	Criminal Evidence	3
AJ-111 or AJ-515	Criminal Procedures or Introduction to Probation and Parole (formerly AJ-115)	3
ANTH-102	Cultural Anthropology	3
Units		15
Total Units		60

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Core Courses		18
Elective Legal Studies Courses		9
Electives (as needed to reach 60 units)		
Course	Title	Credits
Required Core Courses		
LEG-100	Foundations of the Legal System	3
LEG-505	California Civil Procedure (formerly LEG-105)	3
LEG-507	Research and Writing for Legal Assistant (formerly LEG-107)	3
LEG-512	Administrative Law (formerly LEG-112)	3
LEG-534	Family Law (formerly LEG-134)	3
LEG-560	Business Organizations (formerly LEG-160)	3
Elective Courses		
Select 3 from the following:		9
LEG-503	Elder Law (formerly LEG-103)	
LEG-549 or CWE-549	Cooperative Work Experience: Legal Assistant (formerly LEG-149) General Work Experience (formerly CWE-149)	
LEG-524	Immigration Law (formerly LEG-124)	
AJ-101	Criminal Law	

AJ-103	Criminal Evidence
AJ-111	Criminal Procedures
AJ-515	Introduction to Probation and Parole (formerly AJ-115)
Total Units	27

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Legal Studies Certificate

If you're interested in being a part of an exciting profession that impacts every area of our lives, then becoming a legal assistant or paralegal is the right career for you. But what does a legal assistant, or paralegal, do? Basically, they help the attorneys they work for keep things organized and on track by doing important legal tasks. This can include assisting attorneys during trials, organizing and managing case files, performing legal research, preparing legal briefs, filing legal documents, and conducting client and witness interviews. The Legal Studies program will challenge you intellectually and provide you with the skills needed to work in this exciting field.

In the Legal Studies program, we study law to understand the foundation our society is built upon, the laws created to protect us, and the rules we are bound to respect. We learn to think critically about current legal issues and develop skills needed to work under the direction of an attorney. According to the Department of Labor, as more people will require additional legal services, the demand for paralegals is expected to grow faster than the average for all occupations through 2024. Also, if you already have an Associate's or Bachelor's degree in any area, this program can give you the legal basics a paralegal needs to know while building upon the areas you've already completed. The Legal Studies Certificate provides you with the educational foundation to help you work in all areas of the legal system, including courts, law firms and government agencies.

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Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed

by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
LEG-100	Foundations of the Legal System	3
LEG-505	California Civil Procedure (formerly LEG-105)	3
LEG-507	Research and Writing for Legal Assistant (formerly LEG-107)	3
Select one of the following:		3
AJ-101	Criminal Law	
AJ-103	Criminal Evidence	
AJ-111	Criminal Procedures	
AJ-515	Introduction to Probation and Parole (formerly AJ-115)	
Units		12
Spring Semester 1		
LEG-512	Administrative Law (formerly LEG-112)	3
LEG-534	Family Law (formerly LEG-134)	3
LEG-560	Business Organizations (formerly LEG-160)	3
LEG-524	Immigration Law (formerly LEG-124)	3
Select one of the following:		3
LEG-549	Cooperative Work Experience: Legal Assistant (formerly LEG-149)	
CWE-549	General Work Experience (formerly CWE-149)	
AJ-101	Criminal Law	
AJ-103	Criminal Evidence	
AJ-111	Criminal Procedures	
AJ-515	Introduction to Probation and Parole (formerly AJ-115)	
Units		15
Total Units		27

Requirements

Course	Title	Credits
Required Core Courses		
LEG-100	Foundations of the Legal System	3
LEG-505	California Civil Procedure (formerly LEG-105)	3
LEG-507	Research and Writing for Legal Assistant (formerly LEG-107)	3
LEG-512	Administrative Law (formerly LEG-112)	3
LEG-534	Family Law (formerly LEG-134)	3
LEG-560	Business Organizations (formerly LEG-160)	3
Elective Courses		
Select 3 from the following:		9
LEG-503	Elder Law (formerly LEG-103)	
LEG-549	Cooperative Work Experience: Legal Assistant (formerly LEG-149)	

or CWE-549	General Work Experience (formerly CWE-149)
LEG-524	Immigration Law (formerly LEG-124)
AJ-101	Criminal Law
AJ-103	Criminal Evidence
AJ-111	Criminal Procedures
AJ-515	Introduction to Probation and Parole (formerly AJ-115)
Total Units	27

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Legal Assistant

Gainful Employment Disclosures – 2021

Program Name LEGAL ASSISTANT

This program is designed to be completed in 12 months.

This program will cost \$1,242 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Liberal Arts

Program Description

The transfer Associate degree in Liberal Arts is designed for students who wish to have a broad knowledge of liberal arts and sciences plus additional coursework in an "Area of Emphasis". This area of emphasis would be an ideal choice for students who plan on transferring to California State University (CSU) or the University of California (UC) as students can satisfy general education requirements, plus focus on transferable course work that relates to majors at these institutions. Please consult with a counselor for information regarding your intended major at the specific college or university of your choice.

Liberal Arts Programs Page (<https://www.msjc.edu/liberalarts/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus
(951) 487-MSJC (6752)
1-800-624-5561
Counseling (951) 487-3255

Menifee Valley Campus
(951) 672-MSJC (6752)
1-800-452-3335
Counseling (951) 639-5255

Degrees/Certificates

Degrees

Transfer Degrees

- Liberal Arts: Mathematics & Science, A.A. (p. 279)
- Liberal Arts: Social & Behavioral Sciences, A.A. (p. 282)

Program Learning Outcomes

- Assess many different situations, involving diverse people and viewpoints, and compose appropriate responses in writing and speaking.

- Analyze the substance of others' comments through active listening.
- Evaluate and analyze texts through active reading, writing, and discussion.
- Locate and evaluate information by selecting and using appropriate research methods and tools.
- Propose solutions to problems by thinking logically and critically; explaining conclusions; and evaluating, supporting, or critiquing the thinking of others.
- Identify and analyze real or potential problems and develop, evaluate, and test possible solutions and hypotheses.
- Compose an understandable, organized and supported written or spoken explanation of ideas, feelings, and conclusions.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Transfer Degrees

For BA/BS careers, please see your transfer institution.

Program and Career Connections

Career field may be wide and varied. See a counselor or SUCCESS! Coach for more information.

Liberal Arts: Mathematics & Science, A.A.

Choose either **Option B:** CSU General Education Breadth or **Option C:** IGETC (Intersegmental General Education Transfer Curriculum) for the General Education pattern which relates to your educational goal.

Complete 18 units in one "Area of Emphasis" from those outlined below. More than one area of emphasis may be awarded. (Note: Where appropriate, courses in the "Area of Emphasis" may also apply towards General Education areas on the General Education pattern).

AA.LA.MASC.OPTB or AA.LA.MASC.OPTC

Requirements

The requirements for this degree may be met by completing the pattern described below plus all MSJC's General Education Option B (CSUGE) or Option C (IGETC) requirements.

Additional major preparation or elective courses may be required for specific institutions, and students transferring to a CSU or UC can refer to ASSIST.ORG (<https://catalog.msjc.edu/instructional-programs/liberal-arts/liberal-arts-mathematics-science-aa/assist.org>) to review major preparation for specific majors and programs. Please meet with a Counselor for further transfer information.

Course	Title	Credits
MSJC General Education Option B or C (p. 97)		37-39
Area of Emphasis		18
Electives (as needed to reach 60 units)		3-9

1. Associate Degree in Liberal Arts:

a. General Education CSU-GE Breadth or IGETC: 37-39 units

Units necessary to meet CSU-GE Breadth or IGETC Certification requirements only.

b. Areas of Emphasis: 18 units

- A minimum of 18 units are required in any Areas of Emphasis listed below on either CSUGE or IGETC. For depth of study, 2 or more courses in one discipline are required. More than one area of emphasis may be awarded.
- Courses selected may also be used to fulfill General Education (CSUGE and IGETC) areas. Students should be aware that each transfer institution will have their own double counting policy.

c. Electives:

Elective units may be necessary to total 60 overall units required for the Associate Degree. These units must be transferable to the CSU and/or UC for appropriate credit.

Total Units: 60 transferable units

These courses emphasize the natural sciences which examine the physical universe, its life forms and its natural phenomena. Courses in Math emphasize the development of mathematical and quantitative reasoning skills beyond the level of intermediate algebra. Students will be able to demonstrate an understanding of the methodologies of science as investigative tools. Students will also examine the influence that the acquisition of scientific knowledge has on the development of the world's civilizations. (Students following the CSU GE or IGETC must complete two science courses with at least 1 lab AND at least 1 transferable math to get certified. If a student is transferring in a science or math major more math and/or science courses must be completed.)

CSU - Math and Science

A minimum of 18 units are required in any Areas of Emphasis listed below on either CSUGE or IGETC. Select at least two courses from the same discipline.

Course	Title	Credits
B1. Physical Science		
<i>Astronomy</i>		
ASTR-101	Introduction to Astronomy ¹	4
ASTR/GEOL-111	Planetary Astronomy	3
<i>Chemistry</i>		
CHEM-100	Introduction to Chemistry ¹	4
CHEM-101	General Chemistry I ¹	5
CHEM-101H	Honors General Chemistry I ¹	5
CHEM-102	General Chemistry II ¹	5
CHEM-107	Chemistry of Life ¹	5
CHEM-112	Organic Chemistry I ¹	5
CHEM-113	Organic Chemistry II ¹	5
CHEM-113H	Honors Organic Chemistry II ¹	5
<i>Environmental Studies</i>		
ENVS-100	Humans and Scientific Inquiry	3
ENVS-100H	Honors Humans and Scientific Inquiry	3

ENVS-101	Environmental Science	3	BIOL-151	General Biology II ¹	4
ENVS-101H	Honors Environmental Science	3	BIOL-151H	Honors General Biology II ¹	4
<i>Geography</i>			<i>Psychology</i>		
GEOG-101	Physical Geography	3	PSYC-107H	Honors Psychobiology	3
GEOG-106	Introduction to Weather and Climate	3	B3. Laboratory Activity: Select one lab activity associated with a course in B1 or B2		
<i>Geology</i>			<i>Anthropology</i>		
GEOL-100	Physical Geology ¹	4	ANTH-111	Physical Anthropology Lab (concurrent or previous enrollment in ANTH-101/ ANTH-101H required) ¹	1
GEOL-103	Environmental Geology	3	<i>Environmental Studies</i>		
GEOL-105	Historical Geology ¹	4	ENVS-102	Environmental Science Laboratory (concurrent or previous enrollment in ENVS-101/ENVS-101H required) ¹	1
GEOL-106	Earth Science ¹	4	ENVS-102H	Honors Environmental Science Laboratory (concurrent or previous enrollment in ENVS-101/ENVS-101H required) ¹	1
GEOL-107	Scenic Adventure Field Trips in Geology (formerly Geologic Field Trips)	1.5	<i>Geography</i>		
GEOL-110	Oceanography ¹	4	GEOG-104	Physical Geography Lab (concurrent or previous enrollment in GEOG-101 required) ¹	1
GEOL-109	Geology of National Parks	3	B4. Mathematics/Quantitative Reasoning		
GEOL/ASTR-111	Planetary Astronomy	3	<i>Computer Science/Information Systems</i>		
<i>Physics</i>			CSIS-213	Discrete Structures	3
PHY-100	Physical Science in Modern Society (formerly Conceptual Physics)	3	<i>Math</i>		
PHY-101	Basic Physics: Energy and Motion ¹	4	MATH-105	College Algebra	4
PHY-102	Basic Electricity and Modern Physics ¹	4	MATH-105H	Honors College Algebra	4
PHY-201	Mechanics and Wave Motion ¹	4	MATH-110	Pre-Calculus	4
PHY-202	Electricity and Magnetism ¹	4	MATH-115	Ideas of Mathematics	3
PHY-202H	Honors Electricity and Magnetism ¹	4	MATH-135	Calculus for Social Science and Business	3
PHY-203	Optics and Modern Physics	4	MATH-140	Introduction to Statistics	3
B2. Life Science			MATH-155	Mathematics for Elementary Teaching (formerly Mathematics for Elementary Teaching I)	3
<i>Anatomy</i>			MATH-211	Analytic Geometry and Calculus I	4
ANAT-101	Human Anatomy & Physiology I ¹	4	MATH-211H	Honors Analytic Geometry and Calculus I	4
ANAT-102	Human Anatomy & Physiology II ¹	4	MATH-212	Analytic Geometry and Calculus II	4
<i>Anthropology</i>			MATH-212H	Honors Analytic Geometry and Calculus II	4
ANTH-101	Physical Anthropology	3	MATH-213	Analytic Geometry and Calculus III	5
ANTH-101H	Honors Physical Anthropology	3	MATH-213H	Honors Analytic Geometry and Calculus III	5
<i>Biology</i>			MATH-215	Differential Equations	4
BIOL-100	Human Biology ¹	4	MATH-215H	Honors Differential Equations	4
BIOL-100H	Honors Human Biology ¹	4	MATH-218	Linear Algebra	3
BIOL-115	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology) ¹	4	<i>Psychology/Sociology</i>		
BIOL-115H	Honors Introductory Topics in Biology: Cells to Ecosystems (formerly Honors Topics in Biology) ¹	4	PSYC/SOCI-121	Statistics for Behavioral Sciences	3
BIOL-117	Conservation Biology	3	¹ Laboratory science course		
BIOL-125	Microbiology ¹	4	IGETC - Math and Science		
BIOL-125H	Honors Microbiology ¹	4	A minimum of 18 units are required in any Areas of Emphasis listed below on either CSUGE or IGETC. Select at least two courses from the same discipline.		
BIOL-130	Marine Biology ¹	4			
BIOL-131	Genes and Biotechnology in Society ¹	4			
BIOL-131H	Honors Genes and Biotechnology in Society ¹	4			
BIOL-134	Human Heredity and Evolution	3			
BIOL-140	Ecology ¹	4			
BIOL-144	Plant Biology ¹	4			
BIOL-144H	Honors Plant Biology	4			
BIOL-146	Biodiversity	3			
BIOL-150	General Biology I ¹	4			
BIOL-150H	Honors General Biology I ¹	4			

Course	Title	Credits
2. Mathematical Concepts & Quantitative Reasoning		
Computer Science		
CSIS-213	Discrete Structures	3
Mathematics		
MATH-105	College Algebra	4
MATH-105H	Honors College Algebra	4
MATH-110	Pre-Calculus	4
MATH-115	Ideas of Mathematics	3
MATH-135	Calculus for Social Science and Business	3
MATH-140	Introduction to Statistics	3
MATH-211	Analytic Geometry and Calculus I	4
MATH-211H	Honors Analytic Geometry and Calculus I	4
MATH-212	Analytic Geometry and Calculus II	4
MATH-212H	Honors Analytic Geometry and Calculus II	4
MATH-213	Analytic Geometry and Calculus III	5
MATH-213H	Honors Analytic Geometry and Calculus III	5
MATH-215	Differential Equations	4
MATH-215H	Honors Differential Equations	4
MATH-218	Linear Algebra	3
Psychology/Sociology		
PSYC/SOCI-121	Statistics for Behavioral Sciences	3
Course Title Credits		
5A. Physical Science		
<i>Astronomy</i>		
ASTR-101	Introduction to Astronomy ¹	4
ASTR/GEOL-111	Planetary Astronomy	3
<i>Chemistry</i>		
CHEM-100	Introduction to Chemistry ¹	4
CHEM-101	General Chemistry I ¹	5
CHEM-101H	Honors General Chemistry I ¹	5
CHEM-102	General Chemistry II ¹	5
CHEM-107	Chemistry of Life ¹	5
CHEM-112	Organic Chemistry I ¹	5
CHEM-113	Organic Chemistry II ¹	5
CHEM-113H	Honors Organic Chemistry II ¹	5
<i>Environmental Studies</i>		
ENVS-100	Humans and Scientific Inquiry	3
ENVS-100H	Honors Humans and Scientific Inquiry	3
ENVS-101	Environmental Science	3
ENVS-101H	Honors Environmental Science	3
<i>Geography</i>		
GEOG-101	Physical Geography	3
GEOG-106	Introduction to Weather and Climate	3
<i>Geology</i>		
GEOL-100	Physical Geology ¹	4
GEOL-103	Environmental Geology	3
GEOL-105	Historical Geology ¹	4
GEOL-106	Earth Science ¹	4
GEOL-109	Geology of National Parks	3
GEOL-110	Oceanography ¹	4
GEOL/ASTR-111	Planetary Astronomy	3

<i>Physics</i>		
PHY-100	Physical Science in Modern Society (formerly Conceptual Physics)	3
PHY-101	Basic Physics: Energy and Motion ¹	4
PHY-102	Basic Electricity and Modern Physics ¹	4
PHY-201	Mechanics and Wave Motion ¹	4
PHY-202	Electricity and Magnetism ¹	4
PHY-202H	Honors Electricity and Magnetism ¹	4
PHY-203	Optics and Modern Physics ¹	4
5B. Biological Science		
<i>Anatomy & Physiology</i>		
ANAT-101	Human Anatomy & Physiology I ¹	4
ANAT-102	Human Anatomy & Physiology II ¹	4
<i>Anthropology</i>		
ANTH-101	Physical Anthropology	3
ANTH-101H	Honors Physical Anthropology	3
<i>Biology</i>		
BIOL-100	Human Biology ¹	4
BIOL-100H	Honors Human Biology ¹	4
BIOL-115	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology) ¹	4
BIOL-115H	Honors Introductory Topics in Biology: Cells to Ecosystems (formerly Honors Topics in Biology) ¹	4
BIOL-117	Conservation Biology	3
BIOL-125	Microbiology ¹	4
BIOL-125H	Honors Microbiology ¹	4
BIOL-130	Marine Biology ¹	4
BIOL-131	Genes and Biotechnology in Society ¹	4
BIOL-131H	Honors Genes and Biotechnology in Society ¹	4
BIOL-134	Human Heredity and Evolution	3
BIOL-140	Ecology ¹	4
BIOL-144	Plant Biology ¹	4
BIOL-144H	Honors Plant Biology ¹	4
BIOL-146	Biodiversity	3
BIOL-150	General Biology I ¹	4
BIOL-150H	Honors General Biology I ¹	4
BIOL-151	General Biology II ¹	4
BIOL-151H	Honors General Biology II ¹	4
5C. Science Laboratory		
Select one lab activity associated with a course in 5A or 5B.		
<i>Anthropology</i>		
ANTH-111	Physical Anthropology Lab	1
<i>Geography</i>		
GEOG-104	Physical Geography Lab	1

¹ Laboratory science courses

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3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Liberal Arts: Social & Behavioral Sciences, A.A.

Choose either **Option B:** CSU General Education Breadth or **Option C:** IGETC (Intersegmental General Education Transfer Curriculum) for the General Education pattern which relates to your educational goal.

Complete 18 units in one “**Area of Emphasis**” from those outlined below. More than one area of emphasis may be awarded. (Note: Where appropriate, courses in the “Area of Emphasis” may also apply towards General Education areas on the General Education pattern).

AA.LA.SOCB.OPTB or AA.LA.SOCB.OPTC

Requirements

The requirements for this degree may be met by completing the pattern described below plus all MSJC’s General Education Option B (CSUGE) or Option C (IGETC) requirements.

Additional major preparation or elective courses may be required for specific institutions, and students transferring to a CSU or UC can refer to ASSIST.ORG (<https://catalog.msjc.edu/instructional-programs/liberal-arts/liberal-arts-social-behavioral-sciences-aa/assist.org>) to review major preparation for specific majors and programs. Please meet with a Counselor for further transfer information.

Course	Title	Credits
MSJC General Education Option B or C (p. 97)		37-39
Area of Emphasis		18
Electives (as needed to reach 60 units)		3-9

1. **Associate Degree in Liberal Arts:**
 - a. **General Education CSUGE or IGETC: 37-39 units**
Units necessary to meet CSU-GE Breadth or IGETC Certification requirements only.
 - b. **Areas of Emphasis: 18 units**
 - A minimum of 18 units are required in any Areas of Emphasis listed below on either CSUGE or IGETC. For depth of study, 2 or more courses in one discipline are required. More than one area of emphasis may be awarded.
 - Courses selected may also be used to fulfill General Education (CSUGE and IGETC) areas. Students should be aware that each transfer institution will have their own double counting policy.
 - c. **Electives: 3-9 units**

Elective units may be necessary to total 60 overall units required for the Associate Degree. These units must be transferable to the CSU and/or UC for appropriate credit.

Total Units: 60 transferable units

These courses emphasize the perspective, concepts, theories and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics and discussion to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate.

CSU - Social and Behavioral Sciences

A minimum of 18 units are required in any Areas of Emphasis listed below on either CSUGE or IGETC. Select at least two courses from the same discipline.

Course	Title	Credits
Administration of Justice		
AJ-102	Introduction to Criminal Justice	3
AJ-111	Criminal Procedures	3
American Sign Language		
ASL-110	Deaf Culture and Community	3
Anthropology		
ANTH-102	Cultural Anthropology	3
ANTH-102H	Honors Cultural Anthropology	3
ANTH-104	World Prehistory	3
ANTH-104H	Honors World Prehistory	3
ANTH-105	North American Indians (formerly ANTH-103A)	3
ANTH-107	Indigenous People of Latin America (formerly ANTH-103D Latin American Cultures)	3
ANTH-115	Introduction to Archaeology	3
ANTH/HIST-121	California Indians	3
ANTH-125	Magic, Witchcraft and Religion	3
ANTH-125H	Honors Magic, Witchcraft and Religion	3
Biology		
BIOL/HIST-128	History of Science	3
BIOL/HIST-128H	Honors History of Science	3
Child Development & Education		
CDE-110	Child Development	3
CDE-110H	Honors Child Development	3
CDE-125	Child, Family and Community	3
CDE-125H	Honors Child, Family and Community	3
Communication		
COMM-108	Intercultural Communication	3
COMM-108H	Honors Intercultural Communication	3
COMM-116	Gender and Communication	3
Economics		
ECON-201	Principles of Macroeconomics	3
ECON-201H	Honors Principles of Macroeconomics	3
ECON-202	Principles of Microeconomics	3
ECON-202H	Honors Principles of Microeconomics	3

Education			HIST/BIOL-128H	Honors History of Science	3
ED-136	Child Growth and Development During the School Years	3	HIST-140	History of Mexico	3
Ethnic Studies			HIST-140H	Honors History of Mexico	3
ETHS/PS-103	Ethnic Politics in America	3	HIST-141	History of Latin America to 1820	3
ETHS/PS-103H	Honors Ethnic Politics in America	3	HIST-142	History of Latin America Since 1820	3
ETHS/HIST-160	Black History in American Context	3	HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	3
ETHS/HIST-160H	Honors Black History in American Context	3	HIST-150H	Honors Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	3
Geography			HIST/ETHS-160	Black History in the American Context	3
GEOG-102	Cultural Geography	3	HIST/ETHS-160H	Honors Black History-American Context American Context	3
GEOG-107	Urban Geography	3	Legal Assistant		
GEOG-108	World Regional Geography	3	LEG-100	Foundations of the Legal System	3
GEOG-111	Geography of California	3	Physical Education		
History			PE-126	Sport Psychology	3
HIST-101	Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3	Political Science		
HIST-101H	Honors Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3	PS-101	Introduction to American Government and Politics	3
HIST-102	Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)	3	PS-101H	Honors Introduction to American Government and Politics	3
HIST-102H	Honors Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)	3	PS-102	Comparative Politics and Government	3
HIST-103	World History to 1500 (formerly History of World Civilizations to 1500)	3	PS-102H	Honors Comparative Politics and Government	3
HIST-103H	Honors World History to 1500 (formerly Honors History of World Civilizations to 1500)	3	PS/ETHS-103	Ethnic Politics in America	3
HIST-104	World History Since 1500	3	PS/ETHS-103H	Honors Ethnic Politics in America	3
HIST-104H	Honors World History Since 1500	3	PS-105	Introduction to Political Theory	3
HIST-106	The World Since 1900	3	PS-105H	Honors Introduction to Political Theory	3
HIST-106H	Honors The World Since 1900	3	PS-106	Introduction to International Relations	3
HIST-107	The History of East Asia Before 1600	3	PS-106H	Honors Introduction to International Relations	3
HIST-107H	Honors the History of East Asia Before 1600	3	PS-120	California Government	3
HIST-108	The History of East Asia Since 1600	3	PS-120H	Honors California Government	3
HIST-108H	Honors the History of East Asia Since 1600	3	Psychology		
HIST-111	U.S. History to 1877	3	PSYC-101	Introduction to Psychology	3
HIST-111H	Honors U.S. History to 1877	3	PSYC-101H	Honors Introduction to Psychology	3
HIST-112	U.S. History Since 1865	3	PSYC-102	Personal Growth	3
HIST-112H	Honors U.S. History Since 1865	3	PSYC-103	Human Development	3
HIST-115	Women in United States History	3	PSYC-103H	Honors Human Development	3
HIST-115H	Honors Women in United States History	3	PSYC-104	Psychology of Gender	3
HIST-117	History of India	3	PSYC-104H	Honors Psychology of Gender	3
HIST-117H	Honors History of India	3	PSYC/SOCI-105	Social Psychology	3
HIST-120	California History	3	PSYC/SOCI-105H	Honors Social Psychology	3
HIST-120H	Honors California History	3	PSYC-107	Psychobiology	3
HIST/ANTH-121	California Indians	3	PSYC-107H	Honors Psychobiology	3
HIST-124	Recent America: The U.S. Since 1945	3	PSYC-108	Abnormal Psychology	3
HIST-124H	Honors Recent America: The U.S. Since 1945	3	PSYC-108H	Honors Abnormal Psychology	3
HIST-125	Military History of the United States	3	PSYC/SOCI-112	Gender and Social Interaction	3
HIST/BIOL-128	History of Science	3	PSYC-124	Social Research Methodology With Lab (formerly Social Research Methodology)	4

PSYC-124H	Honors Social Research Methodology With Lab (formerly Honors Social Research Methodology)	4
Social Justice Studies		
SJS-101	Introduction to Social Justice Studies	3
SJS-101H	Honors Introduction to Social Justice Studies	3
Sociology		
SOCI-101	Principles of Sociology	3
SOCI-101H	Honors Principles of Sociology	3
SOCI-102	Contemporary Social Problems	3
SOCI-103	Marriage and the Family	3
SOCI/PSYC-105	Social Psychology	3
SOCI/PSYC-105H	Honors Social Psychology	3
SOCI-106	Intercultural Relations	3
SOCI-108	Human Sexuality	3
SOCI-110	Media and Society	3
SOCI/PSYC-112	Gender and Social Interaction	3
SOCI-115	Contemporary Chicano in Society	3
SOCI-125	Crime and Society	3

IGETC - Social and Behavioral Sciences

A minimum of 18 units are required in any Areas of Emphasis listed below on either CSUGE or IGETC. Select at least two courses from the same discipline.

Course	Title	Credits
Administration of Justice		
AJ-102	Introduction to Criminal Justice	3
Anthropology		
ANTH-102	Cultural Anthropology	3
ANTH-102H	Honors Cultural Anthropology	3
ANTH-104	World Prehistory	3
ANTH-104H	Honors World Prehistory	3
ANTH-105	North American Indians (formerly ANTH-103A)	3
ANTH-107	Indigenous People of Latin America (formerly ANTH-103D Latin American Cultures)	3
ANTH-115	Introduction to Archaeology	3
ANTH/HIST-121	California Indians	3
ANTH-125	Magic, Witchcraft and Religion	3
ANTH-125H	Honors Magic, Witchcraft and Religion	3
Biology		
BIOL/HIST-128	History of Science	3
BIOL/HIST-128H	Honors History of Science	3
Child Development & Education		
CDE-110	Child Development	3
CDE-110H	Honors Child Development	3
Economics		
ECON-201	Principles of Macroeconomics	3
ECON-201H	Honors Principles of Macroeconomics	3
ECON-202	Principles of Microeconomics	3
ECON-202H	Honors Principles of Microeconomics	3

Ethnic Studies

ETHS/PS-103	Ethnic Politics in America	3
ETHS/PS-103H	Honors Ethnic Politics in America	3
ETHS/HIST-160	Black History in American Context	3
ETHS/HIST-160H	Honors Black History in American Context	3

Geography

GEOG-102	Cultural Geography	3
GEOG-107	Urban Geography	3
GEOG-108	World Regional Geography	3
GEOG-111	Geography of California	3

History

HIST-101	Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3
HIST-101H	Honors Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3
HIST-102	Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)	3
HIST-102H	Honors Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)	3
HIST-103	World History to 1500 (formerly History of World Civilizations to 1500)	3
HIST-103H	Honors World History to 1500 (formerly Honors History of World Civilizations to 1500)	3
HIST-104	World History Since 1500	3
HIST-104H	Honors World History Since 1500	3
HIST-106	The World Since 1900	3
HIST-106H	Honors The World Since 1900	3
HIST-107	The History of East Asia Before 1600	3
HIST-107H	Honors the History of East Asia Before 1600	3
HIST-108	The History of East Asia Since 1600	3
HIST-108H	Honors the History of East Asia Since 1600	3
HIST-111	U.S. History to 1877	3
HIST-111H	Honors U.S. History to 1877	3
HIST-112	U.S. History Since 1865	3
HIST-112H	Honors U.S. History Since 1865	3
HIST-115	Women in United States History	3
HIST-115H	Honors Women in United States History	3
HIST-117	History of India	3
HIST-117H	Honors History of India	3
HIST-120	California History	3
HIST-120H	Honors California History	3
HIST/ANTH-121	California Indians	3
HIST-124	Recent America: The U.S. Since 1945	3
HIST-124H	Honors Recent America: The U.S. Since 1945	3
HIST-125	Military History of the United States	3
HIST/BIOL-128	History of Science	3
HIST/BIOL-128H	Honors History of Science	3
HIST/THA-136	Cultural History of American Motion Pictures	3

HIST-140	History of Mexico	3	SOCI-102	Contemporary Social Problems	3
HIST-140H	Honors History of Mexico	3	SOCI-103	Marriage and the Family	3
HIST-141	History of Latin America to 1820	3	SOCI/PSYC-105	Social Psychology	3
HIST-142	History of Latin America Since 1820	3	SOCI/PSYC-105H	Honors Social Psychology	3
HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	3	SOCI-106	Intercultural Relations	3
HIST-150H	Honors Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	3	SOCI-108	Human Sexuality	3
HIST/ETHS-160	Black History in the American Context	3	SOCI-110	Media and Society	3
HIST/ETHS-160H	Honors Black History-American Context American Context	3	SOCI-115	Contemporary Chicano in Society	3
Physical Education			SOCI-125	Crime and Society	3
PE-126	Sport Psychology	3	Theater Arts		
Political Science			THA/HIST-136	Cultural History of American Motion Pictures	3
PS-101	Introduction to American Government and Politics	3	Career Exploration		
PS-101H	Honors Introduction to American Government and Politics	3	Discover information about careers that interest you!		
PS-102	Comparative Politics and Government	3	1. Take a Career Quiz (https://msjc.emsicc.com/assessment/) to learn about yourself and receive career suggestions based on your interests.		
PS-102H	Honors Comparative Politics and Government	3	2. Search available in-demand jobs (https://msjc.emsicc.com/browse-careers/) in your career areas of interest and find up-to-date salaries and education requirements.		
PS/ETHS-103	Ethnic Politics in America	3	3. Find the MSJC Program (https://msjc.emsicc.com/browse-programs/) that connects your interests to a career.		
PS/ETHS-103H	Honors Ethnic Politics in America	3	Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.		
PS-105	Introduction to Political Theory	3	Management/Supervision		
PS-105H	Honors Introduction to Political Theory	3	Program Description		
PS-106	Introduction to International Relations	3	Management/Supervision degrees are among the most popular college programs in the United States and with good reason. Equipped with either versatile degree, students can potentially launch a career in any industry, from marketing to manufacturing, accounting to analytics. With a two-year Associate degree, students find employment as a project manager or information system analyst or jump into the role of an office manager or a small business owner. With a Bachelor's degree in business administration, students qualify for vital roles in private, public, and nonprofit organizations. Students will be prepared to work across industries as a business analyst, human resources generalist, operations manager, or marketing specialist. Some Business Administration graduates also venture into entrepreneurship, creating their own successful enterprises from the ground up.		
PS-106H	Honors Introduction to International Relations	3	Business: Management/Supervision Department Page (https://www.msjc.edu/managementsupervision/)		
PS-120	California Government	3	Transfer Preparation		
PS-120H	Honors California Government	3	MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.		
Psychology					
PSYC-101	Introduction to Psychology	3			
PSYC-101H	Honors Introduction to Psychology	3			
PSYC-102	Personal Growth	3			
PSYC-103	Human Development	3			
PSYC-103H	Honors Human Development	3			
PSYC-104	Psychology of Gender	3			
PSYC-104H	Honors Psychology of Gender	3			
PSYC/SOCI-105	Social Psychology	3			
PSYC/SOCI-105H	Honors Social Psychology	3			
PSYC-107	Psychobiology	3			
PSYC-107H	Honors Psychobiology	3			
PSYC-108	Abnormal Psychology	3			
PSYC-108H	Honors Abnormal Psychology	3			
PSYC-124	Social Research Methodology With Lab (formerly Social Research Methodology)	4			
PSYC-124H	Honors Social Research Methodology With Lab (formerly Honors Social Research Methodology)	4			
Sociology					
SOCI-101	Principles of Sociology	3			
SOCI-101H	Honors Principles of Sociology	3			

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)
1-800-624-5561
Larry Barraza (951) 487-3525
lbarraza@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)
1-800-452-3335
Caren Hennessy (951) 639-5526
chennessy@msjc.edu
Gloria Sanchez (951) 639-5520
gsanchez@msjc.edu

Degrees/Certificates

Degrees

Non-Transfer Degree

- Management/Supervision, A.S. (p. 286)

Certificate

- Management/Supervision Certificate (p. 287)

Program Learning Outcomes

- Demonstrate leadership characteristics and the ability to lead teams.
- Organize written business messages to communicate with efficiency.
- Apply analytical skills in finding trends in data for problem-solving, communicate findings, and develop or adjust processes as needed.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Management/Supervision, A.S.

Management/supervision focuses on the role of the first-line supervisor. Critical thinking skills are emphasized as business and management theories are explored to enhance decision making, leadership, team building, and motivating employees in a supervisory capacity. Primary management functions of planning, organizing, directing, and organizational change are identified and analyzed. Both the Associate degree and the Certificate share the same lists of required specific

coursework with the difference being the required general education pattern for the degree.

AS.MGT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

Course	Title	Units
Fall Semester 1		
BADM-103	Introduction to Business	3
ENGL-101	College Composition (formerly Freshman Composition)	4
ART-104	World Art	3
CSCR-100	College Success and Career Readiness (formerly GUID-100 College Success)	3
COMM-100	Public Speaking	3
Units		16
Spring Semester 1		
CAPP-122	Using Microsoft Excel	3
MGT-760	Elements of Supervision (formerly MGT-098)	3
PS-101	Introduction to American Government and Politics	3
ECON-202	Principles of Microeconomics	3
MATH-140	Introduction to Statistics	3
Units		15
Fall Semester 2		
BADM-104	Business Communications	3
MGT-500	Introduction to Management (formerly MGT-103)	3
ENVS-100	Humans and Scientific Inquiry	3
PHIL-105	Introduction to Ethics	3
MGT-538	Personnel Management (formerly MGT-138)	3
Units		15
Spring Semester 2		
MGT/ENGR-505	Organizational Behavior (formerly MGT-108)	3
ECON-201	Principles of Macroeconomics	3
MGT-520	Principles of Marketing Management (formerly MGT-205)	3
PSYC-101	Introduction to Psychology	3

BADM-549	Cooperative Work Experience: Business Administration (formerly BADM-149)	2
Units		14
Total Units		60

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		
Required Management/Supervision Courses		18
Management/Supervision Elective Courses		6
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		
BADM-103 or BADM-103H	Introduction to Business Honors Introduction to Business	3
BADM-104 or BADM-104H	Business Communications Honors Business Communications	3
CAPP-122	Using Microsoft Excel	3
MGT-760	Elements of Supervision (formerly MGT-098)	3
MGT-500	Introduction to Management (formerly MGT-103)	3
MGT/ENGR-505	Organizational Behavior (formerly MGT-108)	3
Elective Courses		
Select two of the following:		6
CAPP-735	Using Microsoft Word (formerly CAPP-127)	
CAPP-740	Using Microsoft Project (formerly CAPP-098)	
ECON-202 or ECON-202H	Principles of Microeconomics Honors Principles of Microeconomics	
MGT-538	Personnel Management (formerly MGT-138)	
MGT-770	Productivity Management (formerly MGT-133)	
PSYC-101 or PSYC-101H	Introduction to Psychology Honors Introduction to Psychology	
Total Units		24

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.

3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Management/Supervision Certificate

Management/supervision focuses on the role of the first-line supervisor. Critical thinking skills are emphasized as business and management theories are explored to enhance decision making, leadership, team building, and motivating employees in a supervisory capacity. Primary management functions of planning, organizing, directing, and organizational change are identified and analyzed.

CT.MGT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
BADM-103	Introduction to Business	3
CAPP-122	Using Microsoft Excel	3
MGT-760	Elements of Supervision (formerly MGT-098)	3
MGT-500	Introduction to Management (formerly MGT-103)	3
Units		12
Spring Semester 1		
BADM-104	Business Communications	3
MGT-505	Organizational Behavior (formerly MGT-108)	3
ECON-202	Principles of Microeconomics	3
MGT-538 or MGT-770	Personnel Management (formerly MGT-138) or Productivity Management (formerly MGT-133)	3
Units		12
Total Units		24

Requirements

Course	Title	Credits
Required Courses		
BADM-103 or BADM-103H	Introduction to Business Honors Introduction to Business	3
BADM-104	Business Communications	3

or BADM-104H	Honors Business Communications	
CAPP-122	Using Microsoft Excel	3
MGT-500	Introduction to Management (formerly MGT-103)	3
MGT/ENGR-505	Organizational Behavior (formerly MGT-108)	3
MGT-760	Elements of Supervision (formerly MGT-098)	3
Subtotal		18
Elective Courses		
Select two of the following: 6		
CAPP-735	Using Microsoft Word (formerly CAPP-127)	
CAPP-740	Using Microsoft Project (formerly CAPP-098)	
ECON-202	Principles of Microeconomics	
or ECON-202H	Honors Principles of Microeconomics	
MGT-538	Personnel Management (formerly MGT-138)	
MGT-770	Productivity Management (formerly MGT-133)	
PSYC-101	Introduction to Psychology	
or PSYC-101H	Honors Introduction to Psychology	
Subtotal		6
Total Units		24

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Management/Supervision

Gainful Employment Disclosures – 2021

Program Name MANAGEMENT/SUPERVISION

This program is designed to be completed in 8 months.

This program will cost \$1,104 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Mathematics

Program Description

Have you ever wondered how we got to the moon? Or how a computer or a cell phone works? Or how the Egyptians made the pyramids? These achievements and many more would not have been possible without mathematics. Math opens the doors to exciting and lucrative careers such as robotics, coding, wealth management, engineering, cybersecurity, astrophysics, aerospace, and many more! MATH = \$\$\$

Mathematics Department Page (<https://www.msjc.edu/math/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

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(951) 487-MSJC (6752)
1-800-624-5561

Luis Mondragon (951) 487-3757
lmondragon@msjc.edu

Temecula Higher Education Center
Bahram Sherkat (951) 506-6617

bsherkat@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Kyle Castro (951) 639-6752

kcastro@msjc.edu

Patrick Martinez (951) 639-6752

pamartinez@msjc.edu

Degrees/Certificates

Degrees

Transfer Degree

- Mathematics, A.S.-T (p. 289)

Program Learning Outcomes

- Students will develop problem-solving and scientific and technological modeling skills to solve mathematical problems. They will be able to reflect on their own thoughts, question and propose problems, and apply past knowledge to new situations.
- Students will develop the ability to think critically, independently, as well as interdependently, express ideas concisely, and reason logically.
- Students will be able to synthesize ideas and apply mathematical reasoning and logic to relevant real-world applications.
- Students will be able to understand, write, and communicate mathematical information symbolically, visually, and numerically with clarity and precision.
- Students will be able to refine understanding of mathematical concepts by discussion and explanation with other students from different kinds of backgrounds, including different socioeconomic backgrounds, different cultures, different ethnic backgrounds, as well as at-risk students.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Education (B, M, D)	\$52,000-\$61,000	9,464
Statisticians (B, M)	\$60,315-\$135,461	610
Managers (B)	\$80,925-\$255,993	867
Operations Research Analysts (M, D)	\$49,364-\$143,186	1,190
Financial Quantitative Analysts (M, D)	\$43,558-\$125,637	1,628

Software Developers, Systems Software (B)	\$76,570-\$178,610	6,825
Actuaries (B)	\$68,865-\$177,323	113

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Mathematics, A.S.-T

An Associate in Science degree in Mathematics for Transfer will fulfill the requirements for students to transfer to a four-year college or university as a Mathematics major.

AS.MATH.OPTBAST or AS. MATH.OPTCAST

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSUSM: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-211	Analytic Geometry and Calculus I	4
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
PHIL-101	Introduction to Philosophy I	3
Units		14
Spring Semester 1		
ENGL-103 or PHIL-112	Critical Thinking and Writing or Critical Thinking and Composition	3
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
CSIS-113A	C++ Programming - Level 1	3
MATH-212	Analytic Geometry and Calculus II	4
COMM-100	Public Speaking	3
Units		16
Summer 1		
CSIS-123A	C++ Programming - Level 2	3
ANTH-101	Physical Anthropology	3
Units		6
Fall Semester 2		
MATH-213	Analytic Geometry and Calculus III	5
HIST-101	Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3

PHY-201	Mechanics and Wave Motion	4
DAN-100	History and Appreciation of Dance	3
Units		15
Spring Semester 2		
MATH-218	Linear Algebra ¹	3
PHY-202	Electricity and Magnetism	4
PSYC-101	Introduction to Psychology	3
PS-101	Introduction to American Government and Politics	3
Units		13
Total Units		64

¹ MATH-215 Differential Equations could replace MATH-218 Linear Algebra.

Recommended: Students should take courses the summer before the Fall start of the semester.

UC: General Education Option C

This program provides students with focused program options. A focused program map contains courses that help students specialize in a distinct area and connects to careers. Talk to a counselor about preparing for transfer to specific schools.

Computer Science/Information Systems Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-211	Analytic Geometry and Calculus I	4
COMM-100	Public Speaking	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
Units		15
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
CSIS-113A	C++ Programming - Level 1	3
MATH-212	Analytic Geometry and Calculus II	4
ECON-201	Principles of Macroeconomics	3
Units		16
Summer 1		
CSIS-123A	C++ Programming - Level 2	3
ANTH-101	Physical Anthropology	3
Units		6
Fall Semester 2		
MATH-213	Analytic Geometry and Calculus III	5
PHY-201	Mechanics and Wave Motion	4
HIST-101	Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3

PHIL-101	Introduction to Philosophy I	3
Units		15
Spring Semester 2		
MATH-218	Linear Algebra	3
PHY-202	Electricity and Magnetism	4
PS-101	Introduction to American Government and Politics	3
DAN-100	History and Appreciation of Dance	3
Units		13
Total Units		65

Recommended: Students should take courses the summer before the Fall start of the semester.

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Physics Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-211	Analytic Geometry and Calculus I	4
COMM-100	Public Speaking	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
Units		15
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
ANTH-101	Physical Anthropology	3
MATH-212	Analytic Geometry and Calculus II	4
ECON-201	Principles of Macroeconomics	3
Units		16
Summer 1		
CSIS-113A	C++ Programming - Level 1	3
Units		3
Fall Semester 2		
MATH-213	Analytic Geometry and Calculus III	5
PHY-201	Mechanics and Wave Motion	4
HIST-101	Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3
DAN-100	History and Appreciation of Dance	3
Units		15
Spring Semester 2		
MATH-218	Linear Algebra	3
PHIL-101	Introduction to Philosophy I	3
PHY-202	Electricity and Magnetism	4

PS-101	Introduction to American Government and Politics	3
Units		13
Total Units		62

Recommended: Students should take courses the summer before the Fall start of the semester.

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Requirements

Course	Title	Credits
Required Core Courses/Sequence		
MATH-211	Analytic Geometry and Calculus I	4
MATH-212	Analytic Geometry and Calculus II	4
or MATH-212H	Honors Analytic Geometry and Calculus II	
MATH-213	Analytic Geometry and Calculus III	5
or MATH-213H	Honors Analytic Geometry and Calculus III	
List A: Select one-two		
Select one or two of the following: ¹		3-7
MATH-215	Differential Equations	
MATH-218	Linear Algebra	
List B: Select one		
Select one of the following: ¹		3-4
CSIS-113A	C++ Programming - Level 1	
CSIS-123A	C++ Programming - Level 2	
MATH-140	Introduction to Statistics	
PHY-201	Mechanics and Wave Motion	
Total Units		19-24

¹ Can use both in List A in lieu of any courses in List B.

Course	Title	Credits
Units for Major		19-24
CSU General Education or IGETC Pattern		37-39
Possible double counting: 7 units		
Transferable Electives (as needed to reach 60 CSU transferable units)		

Total Units for A.S.-T Degree: 60 units

Note: When selecting 4-5 unit courses for the Associate in Science in Mathematics for Transfer, keep in mind that you may not require more than 60 units for the entire degree.

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).

- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Medical Assisting Program Description

The Medical Assisting Employment Concentration Certificate introduces students to the clinical and administrative aspects of medical assisting. Students who complete the course work required for the Employment Concentration will earn a certificate for that concentration.

Students who successfully complete additional courses in Medical Assisting Clinical, Medical Assisting Administrative, and the Associate Degree program, will earn a certificate in the respective program and be able to sit the National Health Career Association certification exam to become Certified Administrative Medical Assistant, Certified Clinical Medical Assistant and Certified Billing and Coding Specialist.

Students develop competencies in patient registration, charting, practice management, and clinical patient care by utilizing computerized EHR programs and performing hands-on patient care in the lab classes. The Medical Assisting program also provides students with the opportunity to become Medical Scribes. Students are trained to provide optimal patient care in various healthcare settings including hospitals, clinics, urgent care, and a variety of specialty medical offices.

Medical Assisting Program Page (<https://www.msjc.edu/medicalassisting/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation

and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)
1-800-624-5561
Nursing and Allied Health (951) 639-5577

Menifee Valley Campus

(951) 672-MSJC (6752)
1-800-452-3335
Nursing and Allied Health (951) 639-5577
msjcadnprogram@msjc.edu

Degrees/Certificates

Degrees

Non-Transfer Degree

- Medical Assisting Administrative and Clinical, A.S. (p. 292)

Certificates

- Medical Assisting Administrative Certificate (p. 293)
- Medical Assisting Clinical Certificate (p. 294)

Note: These are new Certificates with Federal Financial Aid eligibility anticipated Spring 2022.

Employment Concentration

- Medical Assisting Preparation Employment Concentration (p. 295)

Program Learning Outcomes

- Students will develop basic skills to provide professional healthcare services in medical assisting

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Medical Assistants (SM, C, A)	\$26,028-\$53,200	11,282

Medical Secretaries (SM, C)	\$28,624-\$42,046	9,886
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(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Medical Assisting Administrative and Clinical, A.S.

Associates of Science in Medical Assisting Administrative and Clinical (33.5 units) prepares students for a career in the healthcare profession as a Medical Assistant. An associate degree in Medical Assisting may be earned by completing the certificate requirements in Medical Assisting Administrative, Medical Assisting Clinical and all MSJC General Education Option A requirements for a total of 60 units. This program provides students with the theoretical knowledge, practical skills, and current electronic health record technology to sit the certification examinations to become Certified Administrative Medical Assistants, Certified Clinical Medical Assistants, Certified Scribes and Certified Billing and Coding Specialists. An internship in a physician's office combining administrative, clinical, billing, coding, and medical scribing experience helps prepare the student with the clinical skills to enter the workforce.

AS.MA.A&C

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
AH-105	Medical Terminology	3
ENGL-101	College Composition (formerly Freshman Composition)	4
CSIS-101	Introduction to Computers and Data Processing	3
MA-122	Medical Ethics (formerly AH-122)	3
CSCR-116	Integrative Career/Life Planning (formerly GUID-116)	3
Units		16
Spring Semester 1		
MA-773	Clinical Medical Assisting (formerly MA-073)	4
MA-775	Medical Scribe	3
BIOL-100	Human Biology	4
PS-101	Introduction to American Government and Politics	3
MATH-140	Introduction to Statistics	3
Units		17

Fall Semester 2

NURS-194	Pharmacology & Dosage Calculations for Nurses	3.5
MA-776	Medical Billing and Coding	4
MA-772	Administrative Medical Assisting (formerly MA-072)	3
SPAN-101 or FREN-101 or ASL-100	Elementary Spanish I or Elementary French I or American Sign Language I	4
Units		14.5

Spring Semester 2

SOCI-101	Principles of Sociology	3
COMM-103	Interpersonal Communication	3
SOCI-115 or CDE-118 or PS-103	Contemporary Chicano in Society or Teaching in a Diverse Society (formerly Diversity and Equity in Early Childhood) or Ethnic Politics in America	3
NUTR-100	Family Nutrition	3
AH-549	Cooperative Work Experience: Allied Health (formerly AH-149)	3
Units		15
Total Units		62.5

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Core Courses		33.5
Electives (as needed to reach 60 units)		

Course	Title	Credits
AH-105	Medical Terminology	3
BIOL-100	Human Biology	4
CSIS-101	Introduction to Computers and Data Processing	3
MA-122	Medical Ethics (formerly AH-122)	3
MA-772	Administrative Medical Assisting (formerly MA-072)	3
MA-773	Clinical Medical Assisting (formerly MA-073)	4
MA-775	Medical Scribe	3
MA-776	Medical Billing and Coding	4
NURS-194	Pharmacology & Dosage Calculations for Nurses	3.5
AH-549	Cooperative Work Experience: Allied Health (formerly AH-149)	3
Total Units		33.5

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Medical Assisting Administrative Certificate

The Medical Assisting Administrative Certificate (20 units) prepares students for a career in the healthcare profession as Administrative Medical Assistants. This program provides students with the theoretical knowledge, practical skills, and current electronic health record technology to sit the certification examinations to become Certified Administrative Medical Assistants and Certified Billing and Coding Specialists.

CT.MA.A

Note: This is a new Certificate with Federal Financial Aid eligibility anticipated Spring 2022.

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
AH-105	Medical Terminology	3
CSIS-101	Introduction to Computers and Data Processing	3
MA-122	Medical Ethics (formerly AH-122)	3
Units		9
Spring Semester 1		
MA-772	Administrative Medical Assisting (formerly MA-072)	3
MA-776	Medical Billing and Coding	4
BIOL-100	Human Biology	4
Units		11
Total Units		20

Requirements

Course	Title	Credits
Required Courses		
AH-105	Medical Terminology	3
BIOL-100	Human Biology	4
CSIS-101	Introduction to Computers and Data Processing	3
MA-122	Medical Ethics (formerly AH-122)	3
MA-772	Administrative Medical Assisting (formerly MA-072)	3
MA-776	Medical Billing and Coding	4
Total Units		20

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Medical Assisting Administrative

Gainful Employment Disclosures – 2021

Program Name MEDICAL ASSISTING ADMINISTRATIVE

This program is designed to be completed in 8 months.

This program will cost \$920 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Medical Assisting Clinical Certificate

The Medical Assisting Clinical Certificate (26.5 units) prepares students for a career in the healthcare profession as a Clinical Medical Assistant. This program provides students with the theoretical knowledge, practical skills, and current electronic health record technology to sit the certification examinations to become Certified Clinical Medical Assistants and Certified Medical Scribes. An internship in a physician's office combining clinical and medical scribing experience helps prepare the student with the clinical skills to enter the workforce.

CT.MA.C

Note: This is a new Certificate with Federal Financial Aid eligibility anticipated Spring 2022.

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
AH-105	Medical Terminology	3
CSIS-101	Introduction to Computers and Data Processing	3
MA-122	Medical Ethics (formerly AH-122)	3
Units		9
Spring Semester 1		
MA-773	Clinical Medical Assisting (formerly MA-073)	4
MA-775	Medical Scribe	3
BIOL-100	Human Biology	4
Units		11
Fall Semester 2		
NURS-194	Pharmacology & Dosage Calculations for Nurses	3.5
AH-549	Cooperative Work Experience: Allied Health (formerly AH-149)	3
Units		6.5
Total Units		26.5

Requirements

Course	Title	Credits
Required Courses		
AH-105	Medical Terminology	3
BIOL-100	Human Biology	4
CSIS-101	Introduction to Computers and Data Processing	3
MA-122	Medical Ethics (formerly AH-122)	3
MA-773	Clinical Medical Assisting (formerly MA-073)	4
MA-775	Medical Scribe	3
NURS-194	Pharmacology & Dosage Calculations for Nurses	3.5
AH-549	Cooperative Work Experience: Allied Health (formerly AH-149)	3
Total Units		26.5

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Medical Assisting Clinical

Gainful Employment Disclosures – 2021

Program Name MEDICAL ASSISTING CLINICAL

This program is designed to be completed in 12 months. This program will cost \$1,242 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Medical Assisting Preparation Employment Concentration

In the Medical Assisting Employment Concentration Certificate students receive training in medical terminology, medical ethics, medical assisting administrative and medical assisting clinical. Students develop knowledge and skills in the administrative and clinical aspects of medical assisting and are able to utilize these course to complete certificate and degree programs in medical assisting.

ECC.MA.MAP

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
MA-122	Medical Ethics (formerly AH-122)	3
MA-772	Administrative Medical Assisting (formerly MA-072)	3
MA-773	Clinical Medical Assisting (formerly MA-073)	4
AH-105	Medical Terminology	3
Units		13
Total Units		13

Requirements

Course	Title	Credits
Required Courses		
MA-772	Administrative Medical Assisting (formerly MA-072)	3
MA-773	Clinical Medical Assisting (formerly MA-073)	4
MA-122	Medical Ethics (formerly AH-122)	3

AH-105	Medical Terminology	3
Total Units		13

Careers and Salaries

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Music

Program Description

View on YouTube (https://www.youtube.com/watch?v=Zyu_AZmSMEw)

Whether your goal is a career in music, to transfer into a four-year university as a music major, or simply to further your musical skill and understanding, the MSJC music program welcomes you! As a college-trained musician, you can find careers in a wide variety of fields from teaching and performing to song-writing/composing, recording/production, and music therapy. The skills and abilities you will gain can also be applied in other majors ranging from early childhood education to digital media to performing arts management.

In a community of fellow music-lovers, you will develop the skills needed to succeed as a musician: reading music, understanding the nuts and bolts of what makes music work, performing confidently both as a soloist and in groups, and composing your own music. In addition to interactive courses and ensemble rehearsals, music majors receive one-on-one, personalized instrumental or voice lessons. You will also have an opportunity to explore the rich diversity of global musical traditions, stories, and cultures to broaden your artistic inspiration and personal growth.

The music faculty specialize in a wide range of musical styles and interests from traditional Western art music, to jazz, to cultural studies.

Most of our music faculty remain highly active and in demand as performers, composers, clinicians, and promoters of music in the local community and across Southern California.

Music Department Page (<https://www.msjc.edu/music/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for

transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Related-Content Groups

(4 attempts within a related-content group/each course 1 time for credit)

Course	Title	Credits
Ensembles:		
Instrumental		
MUS-201	Orchestra ¹	1
MUS-203	Concert Band ¹	1
MUS-212	Instrumental Chamber Music ¹	1
MUS-214	Guitar Ensemble ¹	1
Jazz		
MUS-210	Jazz Ensemble I ¹	1
MUS-211	Jazz Ensemble II ¹	1
Vocal		
MUS-205	College Singers ¹	1
MUS-206	Chamber Choir ¹	1
Group Lessons		
MUS-114	Jazz Improvisation	1
MUS-115	Beginning Voice Class - Breath/Tone	2
MUS-116	Beginning Voice Class - Diction and Expression	2
MUS-125	Guitar I	1
MUS-127	Guitar II	1
MUS-150	(thru SU20)	
Keyboard Skills		
MUS-111	Beginning Piano	1
MUS-112	Intermediate Piano	1
Musical Theater Production		
DAN/MUS/THA-209	(thru SU16)	
DAN-216	Musical Theater Production: Dance	1-3
MUS-216	Musical Theater Production: Music	1-3
THA-216	Musical Theater Production: Theater ¹	1-3

¹ Repeatable 4 times for credit

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)

1-800-624-5561

Vanessa Fountain (951) 487-3641

vsheldon@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

John Tribelhorn (951) 639-5668

jtribelhorn@msjc.edu

Degrees/Certificates

Degrees

Transfer Degree

- Music, A.A.-T (p. 297)

Program Learning Outcomes

- Build performance skills in instrumental music, voice, piano, and/or guitar.
- Discover how musical works are composed through the study of foundational elements: melody, harmony, rhythm, form, instrumentation, and texture.
- Develop an awareness of the aesthetic values in music and the roles music plays in the aesthetics of various time periods, styles, and world regions.
- Explore how music has evolved throughout history, and in specific styles and world regions.
- Explore various career paths in music and the expectations of each field.
- Enrich the community through interaction in the Arts.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Secondary School Teacher (B+)	\$49,911-\$77,809	13,951
Musicians Instrumental (B, M)	\$29,015-\$90,458	2,964
Music Therapy (B)	\$46,883-\$84,478	116
Sound Engineering Technicians (SM, C, A)	\$33,412-\$126,382	559
Music Composers, Arrangers & Directors (SM, B)	\$28,822-\$82,575	795
Musical Instrument Repairers and Tuners (C, SM)	\$34,860-\$44,501	156

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Music, A.A.-T

An Associate in Arts in Music for Transfer will fulfill the requirements for students to transfer to a CSU institution as a Music major. The courses in the A.A.-T in Music for Transfer degree give students the basic skills and

abilities in music to prepare them for involvement in musical activities and careers in performance, education, composition, and other related fields.

AA.MUS.OPTBAAT or AA.MUS.OPTCAAT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSUSM: General Education Option B

This program provides students with focused program options. A focused program map contains courses that help students specialize in a distinct area and connects to careers. Talk to a counselor about preparing for transfer to specific schools.

Instrumental Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
PSYC-101	Introduction to Psychology	3
Select one of the following:		1
MUS-201	Orchestra	
MUS-203	Concert Band	
MUS-210	Jazz Ensemble I	
MUS-103	Music Theory I	3
MUS-175	Musicianship I	1
MUS-118	Applied Music: Instrumental	0.5
Units		15.5
Spring Semester 1		
MATH-115	Ideas of Mathematics	3
ENGL-103 or PHIL-112	Critical Thinking and Writing or Critical Thinking and Composition	3
PS-101	Introduction to American Government and Politics	3
Select one of the following:		1
MUS-201	Orchestra	
MUS-203	Concert Band	
MUS-210	Jazz Ensemble I	
MUS-118	Applied Music: Instrumental	0.5
MUS-104	Music Theory II	3
MUS-176	Musicianship II	1
MUS-111	Beginning Piano	1
Units		15.5

Fall Semester 2

ENVS-101	Environmental Science	3
COMM-100	Public Speaking	3
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
PS-103	Ethnic Politics in America	
Select one of the following:		1
MUS-201	Orchestra	
MUS-203	Concert Band	
MUS-210	Jazz Ensemble I	
MUS-211	Jazz Ensemble II	
MUS-212	Instrumental Chamber Music	
MUS-253	Music Theory III	3
MUS-277	Musicianship III (formerly MUS-177)	1
MUS-118	Applied Music: Instrumental	0.5
Units		14.5

Spring Semester 2

BIOL-115	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
MUS-100	Introduction and Appreciation of Music	3
PHIL-101	Introduction to Philosophy I	3
Select one of the following:		1
MUS-201	Orchestra	
MUS-203	Concert Band	
MUS-210	Jazz Ensemble I	
MUS-211	Jazz Ensemble II	
MUS-212	Instrumental Chamber Music	
MUS-118	Applied Music: Instrumental	0.5
MUS-254	Music Theory IV	3
MUS-278	Musicianship IV (formerly MUS-178)	1
Units		15.5
Total Units		61

Vocal Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
PSYC-101	Introduction to Psychology	3
MUS-205 or MUS-206	College Singers or Chamber Choir	1
MUS-103	Music Theory I	3
MUS-175	Musicianship I	1
MUS-151	Applied Music: Voice	0.5
Units		15.5

Spring Semester 1

MATH-115	Ideas of Mathematics	3
ENGL-103 or PHIL-112	Critical Thinking and Writing or Critical Thinking and Composition	3

PS-101	Introduction to American Government and Politics	3
MUS-205 or MUS-206	College Singers or Chamber Choir	1
MUS-151	Applied Music: Voice	0.5
MUS-104	Music Theory II	3
MUS-176	Musicianship II	1
MUS-111	Beginning Piano	1
Units		15.5

Fall Semester 2

ENVS-101	Environmental Science	3
COMM-100	Public Speaking	3
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
PS-103	Ethnic Politics in America	
MUS-205 or MUS-206	College Singers or Chamber Choir	1
MUS-253	Music Theory III	3
MUS-277	Musicianship III (formerly MUS-177)	1
MUS-151	Applied Music: Voice	0.5
Units		14.5

Spring Semester 2

BIOL-115	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
MUS-100	Introduction and Appreciation of Music	3
PHIL-101	Introduction to Philosophy I	3
MUS-205 or MUS-206	College Singers or Chamber Choir	1
MUS-151	Applied Music: Voice	0.5
MUS-254	Music Theory IV	3
MUS-278	Musicianship IV (formerly MUS-178)	1
Units		15.5
Total Units		61

Requirements

Course	Title	Credits
Required Core Courses		
MUS-101	Music Fundamentals ¹	3
MUS-103	Music Theory I ¹	3
MUS-104	Music Theory II	3
MUS-175	Musicianship I	1
MUS-176	Musicianship II	1
MUS-253	Music Theory III	3
MUS-277	Musicianship III (formerly MUS-177)	1
Applied Music		
Select four units of the following:		4
MUS-118	Applied Music: Instrumental	
MUS-151	Applied Music: Voice	
Ensemble		
Select four units of the following:		4
MUS-201	Orchestra	

MUS-203	Concert Band
MUS-205	College Singers
MUS-206	Chamber Choir
MUS-210	Jazz Ensemble I
MUS-211	Jazz Ensemble II
MUS-212	Instrumental Chamber Music

List A

Select from the following: 3-4

MUS-100 or MUS-100H	Introduction and Appreciation of Music Honors Introduction and Appreciation of Music
MUS-254	Music Theory IV
MUS-278	Musicianship IV (formerly MUS-178)

Total Units 23-27¹ Can take MUS-101 and/or MUS-103.

Course	Title	Credits
Units for Major		23-27
CSU General Education or IGETC Pattern		37-39
Possible double counting: 6 units		
Transferable Electives (as needed to reach 60 CSU transferable units)		

Total Units for A.A.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Musical Theater Program Description

Everything you do in life involves elements of theater from learning social skills as a child to interviewing for a job as an adult. The study of theater arts offers a number of advantages such as improved oral communication; a healthy self-image; creative problem solving; working cooperatively and independently; the ability to learn quickly; adaptability and flexibility; a goal-oriented approach to work to name a few; and let's not forget FUN! There is a great deal of fun to be had while developing all those skills. The Musical Theater Program at MSJC is a non-transfer program offering an A.A. in Musical Theater and a Certificate in Musical Theater. The Program provides interesting and challenging classwork and musical theater productions that kick start your path to becoming a "triple threat" – great at singing, acting, and dancing! This knowledge can enrich a students' progress towards either further study at a four-year college or entering the entertainment industry workforce.

Note: The Musical Theater A.A. degree and certificate are currently under revision. Students with catalog rights may still earn these awards.

Music: Musical Theater Department Page (<https://www.msjc.edu/musicaltheatre/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus
(951) 487-MSJC (6752)
1-800-624-5561

Dance
Julie Freeman
(951) 487-3630
jfreeman@msjc.edu

Music
Vanessa Fountain
(951) 487-3641
vsheldon@msjc.edu

Theater Arts
Bianca Swan Finch

(951) 487-3791
bfinch@msjc.edu

Menifee Valley Campus
(951) 672-MSJC (6752)
1-800-452-3335

Dance

Paula Naggi
(951) 639-5792
pnaggi@msjc.edu

Music

John Tribelhorn
(951) 639-5668
jtribelhorn@msjc.edu

Theater Arts

Shezwae Powell
(951) 639-5793
spowell@msjc.edu

Program Learning Outcomes

- Develop an appreciation for theatre through critical analysis of the performing arts.
- Develop an aesthetic awareness through theater.
- Develop essential skills in the craft of theater.
- Develop knowledge regarding the cultural, artistic and expressive contexts of theater.
- Develop skill and gain experience in musical performance.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Nursing: Registered Nursing

Program Description

Registered Nurses will always be in demand. Healthcare is more complex than ever before. The ability to meet the healthcare needs of the growing population will require even more nurses. Being a licensed Registered Nurse offers the flexibility to work anywhere in this nation. Registered Nurses also have the option for greater opportunities as they advance their education.

The Associate in Science degree in Registered Nursing provides courses that are transferable to four-year colleges and universities. The program is accredited by the California State Board of Registered Nursing. Graduates are eligible to take the National Council Licensure Examination (NCLEX). The program pass rates are consistently above the state and national averages. The Associate in Science degree in Nursing is a 76-unit degree program that requires four semesters (42 units in nursing) of study beyond completion of prerequisite courses. In addition, Mt San

Jacinto College offers a LVN-RN option for completion of the Associate in Science degree in Nursing or a non-degree 30-unit option.

Nursing Department Page (<https://www.msjc.edu/nursingandalliedhealth/adn/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus
(951) 487-MSJC (6752)
1-800-624-5561
Nursing and Allied Health (951) 732-8911

Menifee Valley Campus
(951) 672-MSJC (6752)
1-800-452-3335
Nursing and Allied Health (951) 732-8911
msjcadnprogram@msjc.edu

Selection Process

Criteria	Maximum Points for Each Category	Point Distribution and Explanation
1. Previous Academic Degrees, Diploma or Relevant certificates <ul style="list-style-type: none"> • AA/AS or BA/BS or • Licensed Healthcare Worker or • Certified HealthCare Worker 	5 points	If you have multiple degrees/certificates the maximum point awarded is 5 points. <ul style="list-style-type: none"> • LVN, CNA, Paramedic, EMT, Respiratory Therapist, Phlebotomist, Physical or Occupational Therapist, Physical Therapy Aide, Medical Assistant, Medical Scribe, Dental Hygienist, Surgical Tech, Psychiatric Technician, Radiology or Ultrasound Technician, Paramedic • All Licenses/ Certificates must be current to receive 5 points.

2. Grade Point Average in Relevant Course Work	50 points	Minimum 2.5 GPA in Anatomy and Physiology, Microbiology, English Composition, and Intermediate Algebra (or higher) LVN-RN applicants this includes Psychology Points for Prerequisite GPA is a maximum of 45 points GPA= 4.0 45 points GPA= 3.99- 3.8 40 points GPA= 3.79- 3.6 35 points GPA= 3.59- 3.4 30 points GPA= 3.39- 3.2 25 points GPA= 3.19- 3.0 20 points GPA= 2.99- 2.8 15 points GPA= 2.79- 2.6 10 points GPA= 2.50- 2.5 5 points 'C' or better in General Education and Licensure Requirements maximum 5 points <ul style="list-style-type: none"> • Completion of Psychology, Political Science, Communication, Diversity, and Humanities
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<p>3. Life Experiences or Special Circumstances of an Applicant</p> <ol style="list-style-type: none"> 1. Veteran or active military status 2. Disabilities 3. Low Family Income 4. First generation of family to attend college 5. Need to work during pre-requisites 6. Disadvantage, social or educational environment 7. Difficult personal and family situations or circumstances 8. Refugee 	<p>5 points</p>	<p>Criteria/Application Requirement</p> <ol style="list-style-type: none"> 1. Copy of DD214 form for Veteran or Military ID 2. Copy of ASC evaluation or letter from a Physician documenting disability. 3. Document copy of eligibility of Financial Aid, Cal Works, CCPG, Federal Pell Grant or EOPS. 4. Written statement from applicant. 5. Documentation from employer on company letterhead verifying dates of employment. 6. Written statement from applicant. 7. Written statement from applicant. Pertains to: single parent, deployed spouse, family caregiver, death of family member within 6 months, medical problems, or financial issues. 8. Copy of card indicating refugee status. 	<p>5. Documented relevant work or volunteer experience in Health care within the last 3 years.</p> <p>3 points</p>	<p>Points are awarded for work experience or volunteer experience.</p> <ul style="list-style-type: none"> • Minimum of 100 hours for volunteer experience.
<p>4. Proficiency or Advanced Level Coursework in a Language other than English</p>	<p>2 points</p>	<p>American Sign Language, Arabic, Chinese (including various dialects), Farsi, Russian, Spanish, Tagalog, Languages of Indian Subcontinent & Southeast Asia</p> <ul style="list-style-type: none"> • Proficiency in a Language other than English must be met by official transcripts from a U.S. regionally accredited college or university verifying two semesters of the same foreign language OR is the identified language spoken at home (Verification must be provided upon request) 	<p>6. Approved Diagnostic Assessment Tool, Test of Essential Academic Skills (TEAS)</p> <p>35 points</p>	<p>Points for ATI TEAS is a maximum of 35 points</p> <p>Score 90- 100%= 35 points</p> <p>Score 89- 82%= 30 points</p> <p>Score 81- 74%= 25 points</p> <p>Score 73- 62%= 20 points</p> <ul style="list-style-type: none"> • Students are required to submit official ATI TEAS results with their application. • The points assigned are dependent upon the test cut-off score of 62% or higher on the ATI TEAS. • Only the first passing score on the ATI TEAS will be accepted. • Please Note: The ATI TEAS Test can only be taken twice in order to achieve a passing score.

Degrees/Certificates

Degrees

Non-Transfer Degree

- Nursing, A.S. (p. 303)

Program Learning Outcomes

- Analysis of physiological needs for clients to promote, maintain and restore optimum wellness.
- Compare and contrast the various physical, social, cultural and spiritual environments using the nursing process to promote, maintain and restore optimum wellness.
- Design Problem Solving Plans (PSP) using the nursing process to direct and manage care of clients.
- Develop and utilize effective verbal and written communication methods that can be used with clients, family and health care professionals to promote optimum wellness and patient advocacy.
- Develop leadership skills and promote research/evidence based practice.

- Incorporate ethical, legal and safety standards and professionalism (Nurse Practice Act).
- Incorporate principles of environmental, informatics, client and personal safety when using the nursing process to provide care for clients.
- Integrate knowledge of drug classifications used to promote, maintain and restore optimum wellness.
- Prepare student for candidacy to take the National Council Licensure by Examination (NCLEX) and continue life-long learning.
- Synthesize growth and development concepts for the care of clients of various ages.
- Act as a professional Registered Nurse by utilizing professional nursing ethics and accepted standards of care to comply with the scope of practice as defined by the Board of Registered Nursing in the state of California.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Family Nurse Practitioner (M)	\$89,631-\$124,688	1,232
Informatics (M)	\$62,418-\$145,127	6,333
Registered Nurse (A, B, M)	\$66,408-\$139,762	20,048
Educator (M, D)	\$33,645-\$175,480	15,241
Licensed Practical & Vocational Nurses (C, SM, A)	\$39,933-\$69,634	6,145

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Nursing, A.S.

Admission Requirements

Note: Meeting admission requirements for the program does not guarantee admission into the Associate Degree in Nursing Program. Please see the Multi-Criteria Selection Process form for more information about the selection process. In addition, a pre-nursing "information workshop certificate" is no longer an admission requirement.

LVN to RN Transition

Degree/Non-Degree Candidate

Students choosing this option are Licensed Vocational Nurses (LVN's) or Licensed Practical Nurses (LPN's) who would be eligible to enter the third semester of the Associate in Science in Nursing program after completing the recommended LVN to RN Transition courses. Students can opt to meet all of the requirements for the Associate in Science in

Nursing degree (degree candidate) or to satisfy the course requirements for only those courses that are required by the California State Board of Registered Nursing as content required for RN licensure (nondegree candidate). Students can apply for advanced placement if he/she has completed courses at another college. Students will be admitted once a year in the fall semester.

Degree Candidate

Admission Requirements: Note: Meeting admission requirements for the program does not guarantee admission into the Associate Degree in Nursing Program. Please see the Multi-Criteria Selection Process form for additional information about the selection process. In addition, a "Pre-Nursing Information Workshop Certificate" no longer an admission requirement.

30 Unit Non-Degree Option

Students choosing this option are Licensed Vocational Nurses (LVN's) or Licensed Practical Nurses (LPN's) who would be eligible to enter the third semester of the program after the LVN to RN Transition course (NURS-232 Role Transition). Students can opt to meet all of the requirements of the Associate Degree in Science in Nursing degree (degree candidate) or to satisfy the course requirements for only those courses that are required by the California Board of Registered Nursing as the content required for RN licensure (non-degree candidate). Students can apply for advanced placement into the LVN-RN option if he/she has completed courses at another college. This student will be required to satisfy 30-semester units in nursing and physical sciences in order to qualify them to apply for RN licensure in California. This option is recognized only in the state of California. Students will be admitted once a year in the fall semester.

Nursing Department Page (<https://www.msjc.edu/nursingandalliedhealth/adn/>)

AS.NURS.RN or AS.LVN2RN

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Pre-Nursing: MSJC/LOMA LINDA

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-140	Introduction to Statistics	3
PSYC-101	Introduction to Psychology	3
SOCI-101	Principles of Sociology	3
NUTR-101	Introduction to Nutrition Science (formerly Nutrition and Foods)	3
Units		16

Spring Semester 1

ANAT-101	Human Anatomy & Physiology I	4
CHEM-107	Chemistry of Life	5
COMM-100	Public Speaking	3
ENGL-103	Critical Thinking and Writing	3
Units		15

Fall Semester 2

ANAT-102	Human Anatomy & Physiology II	4
SPAN-101	Elementary Spanish I	4
ART-104	World Art	3
PS-101	Introduction to American Government and Politics	3
PSYC-103	Human Development	3
Units		17

Spring Semester 2

BIOL-125	Microbiology	4
PHIL-101	Introduction to Philosophy I	3
SPAN-102	Elementary Spanish II	4
PE-119B	Intermediate Fitness Walking	2
DAN-201	Dances of the World	1
Units		14
Total Units		62

Pre-Nursing: MSJC Option B: CSU

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-140	Introduction to Statistics	3
PSYC-101	Introduction to Psychology	3
SOCI-101	Principles of Sociology	3
NUTR-101	Introduction to Nutrition Science (formerly Nutrition and Foods)	3
Units		16
Spring Semester 1		
ANAT-101	Human Anatomy & Physiology I	4
CHEM-107	Chemistry of Life	5
COMM-100	Public Speaking	3
ENGL-103	Critical Thinking and Writing	3
Units		15
Fall Semester 2		
ANAT-102	Human Anatomy & Physiology II	4
SPAN-101	Elementary Spanish I	4
ART-104	World Art	3
ANTH-102	Cultural Anthropology	3
PSYC-103	Human Development	3
Units		17
Spring Semester 2		
BIOL-125	Microbiology	4
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
SPAN-102	Elementary Spanish II	4

PS-101	Introduction to American Government and Politics	3
Units		14
Total Units		62

Pre-Nursing: MSJC Option C: UC

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-211	Analytic Geometry and Calculus I	4
CHEM-101	General Chemistry I	5
PSYC-101	Introduction to Psychology	3
Units		16
Spring Semester 1		
ANAT-101	Human Anatomy & Physiology I	4
CHEM-102	General Chemistry II	5
ENGL-103	Critical Thinking and Writing	3
ART-104	World Art	3
Units		15
Fall Semester 2		
ANAT-102	Human Anatomy & Physiology II	4
CHEM-112	Organic Chemistry I	5
PHIL-105	Introduction to Ethics	3
ANTH-102	Cultural Anthropology	3
Units		15
Spring Semester 2		
BIOL-125	Microbiology	4
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
MATH-140	Introduction to Statistics	3
BIOL-134	Human Heredity and Evolution	3
Units		13
Fall Semester 3		
STEM ONLY		
BIOL-150	General Biology I	4
SPAN-101	Elementary Spanish I	4
COMM-100	Public Speaking	3
Units		11
Spring Semester 3		
STEM ONLY		
BIOL-151	General Biology II	4
SPAN-102	Elementary Spanish II	4
PS-101	Introduction to American Government and Politics	3
Units		11
Total Units		81

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better.

Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Minimum cumulative college level GPA of 2.5 on 4.0 scale with a grade of "C" or better in the following courses:

Admission Requirements: High School graduate (or equivalency)

Course	Title	Credits
Prerequisites		
ANAT-101	Human Anatomy & Physiology I ¹	4-5
ANAT-102	Human Anatomy & Physiology II ¹	4-5
BIOL-125	Microbiology	4
or BIOL-125H	Honors Microbiology	
ENGL-101	College Composition (formerly Freshman Composition)	4
or ENGL-101H	Honors College Composition (formerly Freshman Composition)	
MATH-140	Introduction to Statistics	3
Total Units		19-21

¹ There is a five year recency requirement for ANAT-101 Human Anatomy & Physiology I and ANAT-102 Human Anatomy & Physiology II.

Course	Title	Credits
Semester One		
NURS-194	Pharmacology & Dosage Calculations for Nurses	3.5
NURS-212	Foundations of Nursing	4
NURS-214	Introduction to Medical-Surgical Nursing I	4
NURS-571	Foundations of Nursing Skills Lab (formerly NURS-071)	0.5
Semester Two		
NURS-222	Nursing Care of Children & Families	3.5
NURS-224	Beginning Medical-Surgical Nursing II	5
NURS-226	Nursing of Childbearing & Families	3.5
NURS-572	Basic Medical Surgical Nursing Skills Lab (formerly NURS-072)	0.5
Semester Three		
NURS-234	Intermediate Medical-Surgical Nursing III	5
NURS-236	Mental Health Nursing	3
NURS-238	Gerontology and Community Nursing	2
NURS-573	Intermediate Nursing Skills Lab (formerly NURS-073)	0.5
Semester Four		
NURS-244	Advanced Medical-Surgical Nursing IV	4
NURS-248	Preceptorship	2.5
NURS-574	Advanced Nursing Skills Lab (formerly NURS-074)	0.5

Additional Associate Degree and Requirements

PSYC-101	Introduction to Psychology	3
or PSYC-101H	Honors Introduction to Psychology	
PS-101	Introduction to American Government and Politics	3
or PS-101H	Honors Introduction to American Government and Politics	
Select one of the following:		3
COMM-100	Public Speaking	
COMM-100H	Honors Public Speaking	
COMM-103	Interpersonal Communication	
COMM-103H	Honors Interpersonal Communication	
Humanities/Multicultural Gender Studies ¹		3
Total Units		54

¹ Any course from Area C (Humanities) or Area F (Multicultural Gender Studies) Many courses will satisfy both requirements. (See the MSJC General Education Breadth Pattern)

Note: Graduates from the A.S. in Nursing Program meet the requirement of Physical Education and Healthful Living

LVN to RN Transition

Degree Candidate

Prerequisites

(For admission into the third semester of the program)

Minimum cumulative college level GPA of 2.5 on 4.0 scale with a grade of "C" or better in the following courses:

Course	Title	Credits
Required Prerequisites		
ANAT-102	Human Anatomy & Physiology II ¹	4-5
BIOL-125	Microbiology	4
or BIOL-125H	Honors Microbiology	
ENGL-101	College Composition (formerly Freshman Composition)	4
or ENGL-101H	Honors College Composition (formerly Freshman Composition)	
MATH-140	Introduction to Statistics	3
NURS-232	Role Transition	3
NURS-572	Basic Medical Surgical Nursing Skills Lab (formerly NURS-072)	0.5
PSYC-101	Introduction to Psychology	3
or PSYC-101H	Honors Introduction to Psychology	
Total Units		21.5-22.5

¹ There is a five year recency requirement for ANAT-101 Human Anatomy & Physiology I and ANAT-102 Human Anatomy & Physiology II.

LVN, licensed in California or proof of LVN program graduate awaiting licensure.

Course	Title	Credits
3rd Semester		
NURS-234	Intermediate Medical-Surgical Nursing III	5

NURS-236	Mental Health Nursing	3
NURS-238	Gerontology and Community Nursing	2
NURS-573	Intermediate Nursing Skills Lab (formerly NURS-073)	0.5
4th Semester		
NURS-244	Advanced Medical-Surgical Nursing IV	4
NURS-248	Preceptorship	2.5
NURS-574	Advanced Nursing Skills Lab (formerly NURS-074)	0.5
Additional Associate Degree and Requirements		
PS-101	Introduction to American Government and Politics	3
or PS-101H	Honors Introduction to American Government and Politics	
Select one of the following:		3
COMM-100	Public Speaking	
COMM-100H	Honors Public Speaking	
COMM-103	Interpersonal Communication	
COMM-103H	Honors Interpersonal Communication	
Humanities/Multicultural Gender Studies ¹		3
Total Units		26.5

¹ Any course from Area C (Humanities) or Area F (Multicultural Gender Studies) Many courses will satisfy both requirements. (See the MSJC General Education Breadth Pattern)

Note: Graduates from the A.S. in Nursing Program meet the requirement of Physical Education and Healthful Living.

30 Unit Non-Degree Option

Prerequisites

Minimum cumulative college level GPA of 2.5 on 4.0 scale with a minimum grade of "C" in the following courses:

Course	Title	Credits
BIOL-125	Microbiology	4
or BIOL-125H	Honors Microbiology	
NURS-232	Role Transition	3
NURS-572	Basic Medical Surgical Nursing Skills Lab (formerly NURS-072)	0.5
Total Units		7.5

LVN, licensed in California or proof of awaiting licensure.

Note: Special Projects (299's) can be arranged for individuals who have exceeded the 7 year recency requirements for ANAT-101 Human Anatomy & Physiology I, ANAT-102 Human Anatomy & Physiology II, and BIOL-125 Microbiology.

Nursing Courses

Course	Title	Credits
3rd Semester		
NURS-234	Intermediate Medical-Surgical Nursing III	5
NURS-236	Mental Health Nursing	3
NURS-238	Gerontology and Community Nursing	2
4th Semester		
NURS-244	Advanced Medical-Surgical Nursing IV	4

NURS-248	Preceptorship	2.5
Total Units		16.5

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Nutrition and Dietetics

Program Description

The Nutrition and Dietetics program offers students the opportunity to explore the health impacts of personal eating habits. The program answers questions like: how do personal food choices impact energy levels, ability to manage weight, and future risk for disease? Popular course topics include how the body functions, popular diets and macronutrient distributions, physical fitness, healthful cooking methods, and organics and sustainability.

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Degrees/Certificates

Degrees

Transfer Degrees

- Nutrition and Dietetics, A.S.-T (p. 307)

Program Learning Outcomes

- Demonstrate an understanding of the impact of lifestyle behaviors on human health and wellness.
- Evaluate dietary and exercise patterns.

- Communicate effectively how lifestyle behaviors affect various disease states.
- Develop a plan to meet personal health and wellness goals.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Clinical Nutrition (B, M)	\$74,744	703-930
Nutrition Consulting (B, M)	\$74,744	703-930
Food Service Management (SM, A)	\$40,596	5,777
Diet Technician (SM)	\$28,956	419

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Nutrition and Dietetics, A.S.-T

An A.S.-T in Nutrition and Dietetics for Transfer will fulfill the requirements for students to transfer to a CSU institution as a Nutrition and Dietetics or similar major. The courses in the A.S.-T in Nutrition and Dietetics for Transfer provide students with an ability to solve qualitative and quantitative problems and think critically in regards to major concepts in nutrition and human health. Popular topics include energy metabolism, obesity, micronutrient metabolism and utilization, principles of food science, and disease prevention. The program provides a broad foundation in chemistry, biochemistry, anatomy and physiology, providing scientific basis for analyzing nutrition concepts, preparing students for a career in the nutrition field.

AS.NUTR.OPTBAST or AS.NUTR.OPTCAST

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-105	College Algebra	4
ANAT-101	Human Anatomy & Physiology I	4
NUTR-101	Introduction to Nutrition Science (formerly Nutrition and Foods)	3
Units		15
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
BIOL-150	General Biology I	4
ANAT-102	Human Anatomy & Physiology II	4
CHEM-101	General Chemistry I	5
Units		16
Summer 1		
COMM-100	Public Speaking	3
Units		3
Fall Semester 2		
CHEM-102	General Chemistry II	5
BIOL-125	Microbiology	4
PSYC-101	Introduction to Psychology	3
SPAN-101	Elementary Spanish I	4
Units		16
Spring Semester 2		
HIST-112 or PS-101	U.S. History Since 1865 or Introduction to American Government and Politics	3
NUTR-124	Principles of Foods with Lab	3
Select one of the following:		
HIST-160	Black History in the American Context	3
LIT-275	Latinx/Chicanx Literature	3
LIT-280	Multiethnic Literature (formerly ENGL-280)	3
SPAN-102	Elementary Spanish II	4
DAN-100	History and Appreciation of Dance	3
Units		16
Total Units		66

Requirements

Course	Title	Credits
Required Core Courses		
BIOL-125 or BIOL-125H	Microbiology Honors Microbiology	4
CHEM-101	General Chemistry I	5
CHEM-102	General Chemistry II	5
NUTR-101 or NUTR-101H	Introduction to Nutrition Science (formerly Nutrition and Foods) Honors Introduction to Nutrition Science (formerly Nutrition and Foods)	3
PSYC-101 or PSYC-101H	Introduction to Psychology Honors Introduction to Psychology	3

LIST A: Select one to two

Select two of the following:	3-5
ANAT-101	Human Anatomy & Physiology I
ANAT-102	Human Anatomy & Physiology II
CHEM-112	Organic Chemistry I
MATH-140	Introduction to Statistics

List B: Select one

Select one of the following if not used above:	3-5
BIOL-100	Human Biology
BIOL-115	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)
or BIOL-115H	Honors Introductory Topics in Biology: Cells to Ecosystems (formerly Honors Topics in Biology)
BIOL-150	General Biology I
or BIOL-150H	Honors General Biology I
BIOL-151	General Biology II
or BIOL-151H	Honors General Biology II
CHEM-100	Introduction to Chemistry
CHEM-112	Organic Chemistry I
CHEM-113	Organic Chemistry II
MATH-105	College Algebra
MATH-110	Pre-Calculus
MATH-140	Introduction to Statistics
NUTR-124	Principles of Foods with Lab
PHY-101	Basic Physics: Energy and Motion

Total Units 26-30

Course	Title	Credits
Units for Major		26-30
MSJC General Education Option B or C (p. 97)		37-39

Possible double counting: 10-15

Transferable Electives (as need to reach 60 CSU transferable units)

Total Units for A.S.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Philosophy

Program Description

Philosophy grapples with fundamental questions about the nature of reality, what it means to be human, and how one should act. At Mt. San Jacinto college we offer survey courses that span the history of philosophy and more specialized classes that focus on core areas of philosophy like logic and ethics. The study of philosophy teaches careful reading and writing skills, critical thinking, and sound reasoning. Further, philosophy explores the sources of value and meaning while providing vital skills for those interested in law, education, medicine, and more.

Philosophy Department Page (<https://www.msjc.edu/philosophy/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus
 (951) 487-MSJC (6752)
 1-800-624-5561
 Maria Lopez (951) 487-3690
 mlopez@msjc.edu

Menifee Valley Campus
 (951) 672-MSJC (6752)
 1-800-452-3335
 Thomas W. Donovan, III, Ph.D. (951) 639-5675
 tdonovan@msjc.edu

Degrees/Certificates

Degrees

Transfer Degree

- Philosophy, A.A.-T (p. 309)

Program Learning Outcomes

- Identify and assess the central figures, questions and themes of philosophy.
- Analyze and assess arguments and approaches to philosophical problems.
- Articulate and defend complex arguments using written and oral communication.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Lawyer (D)	\$70,618-\$255,914	6,266
Philosophy & Religion Teachers, Postsecondary (D)	\$33,645-\$175,480	15,241
Editor (B)	\$39,026-\$104,387	2,095

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Philosophy, A.A.-T

An Associate in Arts in Philosophy for Transfer degree will fulfill the requirements for students to transfer to the CSU System as a Philosophy major. Logic and critical thinking courses provide students with an ability to analyze arguments, assess philosophical questions, and to read and think critically. History of philosophy and ethics classes guide students to an understanding of the central figures, questions, and themes throughout the history of philosophy. All courses seek to develop and enhance students' abilities to think critically about texts and philosophical ideas and to articulate and defend arguments through both written and oral academic discourse.

AA.PHIL.OPTBAAT or AA.PHIL.OPTCAAT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed

by program experts to give you the skills and knowledge you need to succeed.

- Starting in Spring?** Choose Fall Semester 1 courses.
- Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Fall Semester 1		Units
ENGL-101	College Composition (formerly Freshman Composition)	4
COMM-100	Public Speaking	3
PHIL-101	Introduction to Philosophy I	3
MATH-140	Introduction to Statistics	3
PS-101	Introduction to American Government and Politics	3
Units		16
Spring Semester 1		
PHIL-112 or ENGL-103	Critical Thinking and Composition or Critical Thinking and Writing	3
HIST-101	Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3
PHIL-103	Logic	3
LIT-275 or LIT-280	Latinx/Chicanx Literature or Multiethnic Literature (formerly ENGL-280)	3
ENVS-100	Humans and Scientific Inquiry	3
Units		15
Fall Semester 2		
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
PHIL-109	Ancient and Medieval Philosophy	3
PHIL-105	Introduction to Ethics	3
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
Units		14
Spring Semester 2		
PSYC-101	Introduction to Psychology	3
PHIL-110	Modern and Contemporary Philosophy (formerly Renaissance and Modern Philosophy)	3
HIST-102	Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)	3
Select one of the following:		3
ART-104	World Art	
DAN-100	History and Appreciation of Dance	
MUS-108	History of Jazz and Blues	
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
Units		15
Total Units		60

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

UC: General Education Option C

Fall Semester 1		Units
ENGL-101	College Composition (formerly Freshman Composition)	4
COMM-100	Public Speaking	3
PHIL-101	Introduction to Philosophy I	3
MATH-140	Introduction to Statistics	3
PS-101	Introduction to American Government and Politics	3
Units		16
Spring Semester 1		Units
ENGL-103 or PHIL-112	Critical Thinking and Writing or Critical Thinking and Composition	3
HIST-101	Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3
PHIL-103	Logic	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
ENVS-100	Humans and Scientific Inquiry	3
Units		16
Fall Semester 2		Units
HIST-102	Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)	3
PHIL-109	Ancient and Medieval Philosophy	3
PHIL-105	Introduction to Ethics	3
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
Units		13
Spring Semester 2		Units
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
PHIL-110	Modern and Contemporary Philosophy (formerly Renaissance and Modern Philosophy)	3
HIST-118	History of World Religions (formerly HUM-104 World Religions)	3
LIT-106	Introduction to Literature (formerly ENGL-106)	3
Select one of the following:		3
ART-104	World Art	
DAN-100	History and Appreciation of Dance	
MUS-108	History of Jazz and Blues	
Units		15
Total Units		60

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by

completing ASL-100 American Sign Language I, FREN-101 Elementary French I, or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Requirements

Course	Title	Credits
Required Core Courses		
PHIL-101 or PHIL-101H	Introduction to Philosophy I Honors Introduction to Philosophy I	3
PHIL-103	Logic	3
List A: Select one		
PHIL-109 or PHIL-112	Ancient and Medieval Philosophy Critical Thinking and Composition	3
List B: Select two		
Select any course from List A not used above or one of the following:		6
HIST-101	Western Civilization to 1650 (formerly Western Civilization I: to 1500)	
HIST-102	Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)	
HIST-118	History of World Religions (formerly HUM-104 World Religions)	
List C: Select one		
Select any course from List A nor List B not used above or one of the following:		3
ENGL-103 or ENGL-103H	Critical Thinking and Writing Honors Critical Thinking and Writing	
Total Units		18
Course	Title	Credits
Units for Major		
CSU General Education or IGETC Pattern (p. 97)		37-39
Possible double counting: 12-15		
Transferable Electives (as needed to reach 60 CSU transferable units)		

Total Units for A.A.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the

CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

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3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Photography

Program Description

View on YouTube (<https://www.youtube.com/watch?v=-X9dcdBanE>)

The MSJC Photography program offers adult learners digital production and workflow skills. Photography students are immersed in project-based, active, and real-world production challenges as well as creative skill set development. Career-oriented photographers embark on a path of inquiry that explores visual communication by creating images with professional visual impact, industry-standard quality, and mastery of digital asset management.

Images are fixed by digital sampling varying light energies with light sensors and sophisticated software. The chemical process is obsolete and was officially displaced when the RAW photographic file format was developed shortly after the turn of the millennium. Full-frame 'Mirrorless' technology and computational photography are now pushing the DSLR (digital single-lens reflex) cameras into its own obsolescence. MSJC photography students will ride the wave of their own era into professionalism. None of your precious time and financial resource will be spent trudging through obsolete technologies. The MSJC digital photography program wrote and offered its first digital photography course in 1998. We have been 'forward-thinking' for over two decades.

You can start the program without even owning a camera. In fact, you are better off delaying any equipment purchase until you have mastered the fundamentals of professional quality in order to wisely collect only the equipment necessary to compete and succeed as a professional photographer.

Photography Department Page (<https://www.msjc.edu/photography/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for

transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)

1-800-624-5561

Keith Hanz (951) 639-5546

khanz@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Keith Hanz (951) 639-5546

khanz@msjc.edu

Degrees/Certificates

Degrees

Non-Transfer Degree

- Photography, A.S. (p. 312)

Certificate

- Photography Certificate (p. 313)

Program Learning Outcomes

- Demonstrate professional-level understanding of exposure essentials and photographic principles.
- Employ current photographic workflow and skill sets in the digital paradigm.
- Demonstrate the ability to analyze, evaluate, synthesize, and defend photographic production techniques in the studio and on location.
- Conceptualize and produce creative photographic solutions to client and self-assigned photographic challenges.
- Have knowledge of a historical perspective of photography and significant photographers.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Photographer (C, A)	\$22,000–\$89,000	1,400

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Photography, A.S.

The MSJC Photography program offers adult learners digital production and workflow skills. Photography students are immersed in project-based, active, and real-world production challenges as well as creative skill set development. Career-oriented photographers embark on a path of inquiry that explores visual communication by creating images with professional visual impact, industry-standard quality, and mastery of digital asset management.

AS.PHOT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

Course	Title	Units
Fall Semester 1		
PHOT-125	Digital Photography Production I	3
ENGL-101	College Composition (formerly Freshman Composition)	4
DIG-110	Introduction to Digital Media	3
CSCR-116	Integrative Career/Life Planning (formerly GUID-116)	3
COMM-100	Public Speaking	3
Units		16
Spring Semester 1		
ART-120	2D Design	3
HIST/THA-136	Cultural History of American Motion Pictures	3
PHOT-524	Digital Photography Production II (formerly PHOT-224)	3
PS-101	Introduction to American Government and Politics	3
MATH-115	Ideas of Mathematics	3
Units		15
Fall Semester 2		
PHOT-530	History of Still Photography (formerly PHOT-130)	3
PHOT-525	Digital Photography Production III (formerly PHOT-225)	3

ANTH-101	Physical Anthropology	3
ART-104	World Art	3
PHOT-790	Digital Imaging Studio Laboratory (formerly PHOT-090)	1
DIG-190	Video Production I (formerly Digital Video Design I)	3
Units		16
Spring Semester 2		
PHOT-791	Professional Production Studio Laboratory (formerly PHOT-091)	1
BADM-104	Business Communications	3
DIG-180	Digital Media Design (formerly MUL-112 Interactive Media Design I)	3
DIG-592	Digital Video Design II (formerly DIG-191)	3
DIG-181	Social Media Marketing (formerly DIG-581)	3
Units		13
Total Units		60

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Photography Courses		15
Photography Electives		3
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		
ART-120	2D Design	3
DIG-110	Introduction to Digital Media	3
PHOT-125	Digital Photography Production I	3
PHOT-524	Digital Photography Production II (formerly PHOT-224)	3
PHOT-525	Digital Photography Production III (formerly PHOT-225)	3
PHOT-790	Digital Imaging Studio Laboratory (formerly PHOT-090)	1
Electives		
Select three units of the following: 3		
AUD-180/DIG-190	Video Production I	
BADM-104	Business Communications	
or BADM-104H	Honors Business Communications	
DIG-180	Digital Media Design (formerly MUL-112 Interactive Media Design I)	
DIG-549	Cooperative Work Experience: Digital Media (formerly DIG-149)	
DIG-572	3D Animation (formerly DIG-170)	
DIG-598	Digital Media Project Management (formerly DIG-198)	
HIST/THA-136	Cultural History of American Motion Pictures	

PHOT-299	Special Projects: Photography	
PHOT-530	History of Still Photography (formerly PHOT-130)	
PHOT-791	Professional Production Studio Laboratory (formerly PHOT-091)	
Total Units		19

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Photography Certificate

The MSJC Photography program offers adult learners digital production and workflow skills. Photography students are immersed in project-based, active, and real-world production challenges as well as creative skill set development. Career-oriented photographers embark on a path of inquiry that explores visual communication by creating images with professional visual impact, industry-standard quality, and mastery of digital asset management.

CT.PHOT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
PHOT-125	Digital Photography Production I	3
ART-120	2D Design	3
DIG-110	Introduction to Digital Media	3
	Units	9
Spring Semester 1		
PHOT-524	Digital Photography Production II (formerly PHOT-224)	3

DIG-180	Digital Media Design (formerly MUL-112 Interactive Media Design I)	3
	Units	6
Fall Semester 2		
PHOT-525	Digital Photography Production III (formerly PHOT-225)	3
PHOT-790	Digital Imaging Studio Laboratory (formerly PHOT-090)	1
	Units	4
	Total Units	19

PHOT-790 Digital Imaging Studio Laboratory (formerly PHOT-090) **recommended by faculty in last semester with** PHOT-525 Digital Photography Production III (formerly PHOT-225)

Requirements

Course	Title	Credits
Required Courses		
ART-120	2D Design	3
DIG-110	Introduction to Digital Media	3
PHOT-125	Digital Photography Production I	3
PHOT-524	Digital Photography Production II (formerly PHOT-224)	3
PHOT-525	Digital Photography Production III (formerly PHOT-225)	3
Subtotal		15
PHOT-790	Digital Imaging Studio Laboratory (formerly PHOT-090)	1
Electives		
Select three units of the following:		3
AUD-180/DIG-190	Video Production I	
BADM-104 or BADM-104H	Business Communications Honors Business Communications	
DIG-180	Digital Media Design (formerly MUL-112 Interactive Media Design I)	
DIG-549	Cooperative Work Experience: Digital Media (formerly DIG-149)	
DIG-572	3D Animation (formerly DIG-170)	
DIG-598	Digital Media Project Management (formerly DIG-198)	
HIST/THA-136	Cultural History of American Motion Pictures	
PHOT-299	Special Projects: Photography	
PHOT-530	History of Still Photography (formerly PHOT-130)	
PHOT-791	Professional Production Studio Laboratory (formerly PHOT-091)	
Subtotal		4
Total Units		19

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Photography

Gainful Employment Disclosures – 2021

Program Name PHOTOGRAPHY

This program is designed to be completed in 8 months.

This program will cost \$874 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Physical Education

See Kinesiology (p. 263)

Physics

Program Description

Physics explains the fundamental laws of the universe and introduces important concepts that are essential for understanding all the other branches of science such as chemistry and biology. With a strong

foundation in the concepts of physics, students will be better equipped to understand the beauty and complexity of the world around them. The Associate in Science in Physics for Transfer degree provides a foundation in physics and mathematics for students planning to transfer into a baccalaureate program in physics or physics education. This background should provide students with the tools to successfully complete a bachelor's degree.

Students who complete the Associate in Science in Physics for Transfer degree receive priority admission to the California State University system, though admission to a specific campus is not guaranteed. While an associate degree may support attempts to gain entry-level employment or promotion, a baccalaureate or higher degree is recommended for those considering professional careers, which can be achieved through transfer.

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)
1-800-624-5561

Dean of Instruction, Academic Programs
(951) 487-3400

Menifee Valley Campus

(951) 672-MSJC (6752)
1-800-452-3335

Mark Maier (951) 639-5746
mmaier@msjc.edu

Degrees/Certificates

Degrees

Transfer Degree

- Physics, A.S-T (p. 315)

Program Learning Outcomes

- Analyze physical problems using the laws of physics and appropriate mathematical techniques.
- Measure and collect data from experiments.
- Use the principles of physics to analyze and draw appropriate conclusions concerning the collected data.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Engineering (B) (Nanosystems, Chemical, Electronic) (B, M, D)	\$60,416-\$147,997	1,568
Astronomers (D)	\$52,949-\$158,307	23
Research Scientist (B, M)	\$53,359-\$96,406	130
Physics Teachers, Postsecondary (D)	\$33,645-\$175,480	15,241
Physicists (M, D)	\$60,760-\$168,866	316

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Physics, A.S-T

An AS-T in Physics for Transfer will fulfill the requirements for students to transfer to a CSU institution as a Physics major. The courses in the AS-T in Physics for Transfer provide students with the ability to solve complex physics problems, to conduct research, and to read and think critically.

AS.PHY.OPTBAST and AS.PHY.OPTCAST

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
MATH-211	Analytic Geometry and Calculus I	4
ENGL-101	College Composition (formerly Freshman Composition)	4
PS-101	Introduction to American Government and Politics	3

COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
Units		14

Spring Semester 1

MATH-212	Analytic Geometry and Calculus II	4
Select one of the following:		3
ART-104	World Art	
DAN-100	History and Appreciation of Dance	
MUS-108	History of Jazz and Blues	
PHY-201	Mechanics and Wave Motion	4
ENGL-103	Critical Thinking and Writing	3
Units		14

Fall Semester 2

MATH-213	Analytic Geometry and Calculus III	5
PHY-202	Electricity and Magnetism	4
or PHY-203	or Optics and Modern Physics	
HIST-111	U.S. History to 1877	3
or HIST-112	or U.S. History Since 1865	
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
Units		16

Spring Semester 2

ANTH-101	Physical Anthropology	3
Select one of the following:		4
SPAN-102	Elementary Spanish II	
FREN-102	Elementary French II	
ASL-101	American Sign Language II	
PHY-202	Electricity and Magnetism	4
or PHY-203	or Optics and Modern Physics	
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
PS-103	Ethnic Politics in America	
ENVS-101	Environmental Science	3
Units		17
Total Units		61

Recommended: Students should take courses the summer before the Fall start of the semester.

UC: General Education Option C

Course	Title	Units
Fall Semester 1		
MATH-211	Analytic Geometry and Calculus I	4
ENGL-101	College Composition (formerly Freshman Composition)	4
BIOL-128	History of Science	3
COMM-100	Public Speaking	3
Units		14

Spring Semester 1

MATH-212	Analytic Geometry and Calculus II	4
Select one of the following:		
ART-104	World Art	
DAN-100	History and Appreciation of Dance	
MUS-108	History of Jazz and Blues	
PHY-201	Mechanics and Wave Motion	4
ENGL-103	Critical Thinking and Writing	3
Units		14

Summer 1

HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
MATH-213	Analytic Geometry and Calculus III	5
Units		8

Fall Semester 2

MATH-218	Linear Algebra	3
Select one of the following:		
ART-104	World Art	
DAN-100	History and Appreciation of Dance	
MUS-108	History of Jazz and Blues	
PHIL-101	Introduction to Philosophy I	3
CSIS-113A	C++ Programming - Level 1	3
PHY-202 or PHY-203	Electricity and Magnetism or Optics and Modern Physics	4
Units		16

Spring Semester 2

BIOL-150	General Biology I	4
MATH-215	Differential Equations	4
PHY-202 or PHY-203	Electricity and Magnetism or Optics and Modern Physics	4
PS-101	Introduction to American Government and Politics	3
Units		15

Summer 2

SPAN-101	Elementary Spanish I	4
Units		4
Total Units		71

Recommended: Students should take courses the summer before the Fall start of the semester.

NOTE: If the Student does not place into MATH-211 Analytic Geometry and Calculus I or CHEM-101 General Chemistry I, they will need to take MATH-110 Pre-Calculus and/or CHEM-100 Introduction to Chemistry in the Summer before starting this plan. Students encouraged to check with the counselor to see if Java would be preferred over C++ by transfer institution.

Requirements

Course	Title	Credits
Required Core Courses		
PHY-201	Mechanics and Wave Motion	4
PHY-202 or PHY-202H	Electricity and Magnetism Honors Electricity and Magnetism	4

PHY-203	Optics and Modern Physics	4
MATH-211	Analytic Geometry and Calculus I	4
MATH-212 or MATH-212H	Analytic Geometry and Calculus II Honors Analytic Geometry and Calculus II	4
MATH-213 or MATH-213H	Analytic Geometry and Calculus III Honors Analytic Geometry and Calculus III	5

Total Units **25**

Course	Title	Credits
Units for Major		
CSU General Education or IGETC Pattern (p. 97)		25

Possible double counting: 7 units

Transferable Electives (as needed to reach 60 CSU transferable units)

Total Units for A.S.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Political Science

Program Description

The major in Political Science aims to provide a foundational understanding of political processes and institutions. The study of political science is of value to ensure that all persons have knowledge of the political systems that govern their lives. The mission of the political science department aligns with the mission statement of Mt. San Jacinto College by providing an education in political science to a diverse student body. A political science degree prepares students for possible career opportunities in a variety of areas including law, government service, education, journalism, and business.

Political Science Department Page (<https://www.msjc.edu/politicalscience/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

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San Jacinto Campus

(951) 487-MSJC (6752)

1-800-624-5561

Nick Zappia (951) 487-3685

nzappia@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Stacey Searl-Chapin, Ph.D. (951) 639-5685

schapin@msjc.edu

Degrees/Certificates

Degrees

Transfer Degree

- Political Science, A.A-T (p. 317)

Program Learning Outcomes

- Analyze and critique current political topics and issues.
- Analyze and evaluate the behavior of political institutions, organizations, and individuals.
- Evaluate the validity of their political opinions and the opinions of others.

- Engage in political participation, including but not limited to, participation in community and political organizations.

Careers and Salaries

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Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Attorney (D)	\$119,250	65,000
Pol Sci Teacher Postsecondary (B, M+)	\$78,615	14,641
Pol Scientist (B, M+)	\$120,697	36
Paralegal (C)	\$50,410	41,800

(*degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate*)

Political Science, A.A-T

An Associate in Arts degree in Political Science for Transfer will fulfill the requirements for students to transfer to a four-year college or university as a Political Science major.

AA.PS.OPTBAAT or AA.PS.OPTCAAT

Program Map

Design Your Future!

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- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-140 or PSYC-121	Introduction to Statistics or Statistics for Behavioral Sciences	3
ART-100 or MUS-100	Art Appreciation or Introduction and Appreciation of Music	3
PSYC-101	Introduction to Psychology	3

PS-101	Introduction to American Government and Politics	3
Units		16
Spring Semester 1		
ENGL-103 or PHIL-112	Critical Thinking and Writing or Critical Thinking and Composition	3
COMM-100	Public Speaking	3
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
LIT-106	Introduction to Literature (formerly ENGL-106)	3
PS-102	Comparative Politics and Government	3
Units		15
Fall Semester 2		
PS-105	Introduction to Political Theory	3
PS-103	Ethnic Politics in America	3
ENVS-101	Environmental Science	3
PHIL-101 or COMM-104	Introduction to Philosophy I or Argumentation and Debate (formerly Advocacy and Argument)	3
HIST-101	Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3
ENVS-102	Environmental Science Laboratory	1
Units		16
Spring Semester 2		
PS-120	California Government	3
PS-106	Introduction to International Relations	3
ANTH-101	Physical Anthropology	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
Units		13
Total Units		60

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

CSUSM: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-140 or PSYC-121	Introduction to Statistics or Statistics for Behavioral Sciences	3
ART-100 or MUS-100	Art Appreciation or Introduction and Appreciation of Music	3
PSYC-101	Introduction to Psychology	3
COMM-100	Public Speaking	3
Units		16

Spring Semester 1		
PHIL-112	Critical Thinking and Composition	3
PS-101	Introduction to American Government and Politics	3
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
Units		16
Fall Semester 2		
PS-102	Comparative Politics and Government	3
PS-120	California Government	3
ENVS-101	Environmental Science	3
Select one of the following:		4
SPAN-102	Elementary Spanish II	
FREN-102	Elementary French II	
ASL-101	American Sign Language II	
ENVS-102	Environmental Science Laboratory	1
Units		14
Spring Semester 2		
PS-103	Ethnic Politics in America	3
PS-105	Introduction to Political Theory	3
ANTH-101	Physical Anthropology	3
Select one of the following:		4
SPAN-201	Intermediate Spanish I	
FREN-201	Intermediate French I	
ASL-201	American Sign Language III (formerly ASL-103)	
PS-106	Introduction to International Relations	3
Units		16
Total Units		62

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements. CSUSM Grad Requirements: Language (<https://www.csusm.edu/academicadvising/gradrequirements/language/>)

UC: General Education Option C

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-140 or PSYC-121	Introduction to Statistics or Statistics for Behavioral Sciences	3
ART-100	Art Appreciation	3
PS-101	Introduction to American Government and Politics	3
COMM-100	Public Speaking	3
Units		16

Spring Semester 1

ENGL-103	Critical Thinking and Writing	3
PS-102	Comparative Politics and Government	3
HIST-111	U.S. History to 1877	3
or HIST-112	or U.S. History Since 1865	

Select one of the following: 4

SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
PHIL-101	Introduction to Philosophy I	3

Units 16

Fall Semester 2

ECON-202	Principles of Microeconomics	3
PS-120	California Government	3
HIST-101	Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3
ENVS-101	Environmental Science	3
PS-105	Introduction to Political Theory	3

Units 15

Spring Semester 2

PS-103	Ethnic Politics in America	3
PS-106	Introduction to International Relations	3
ANTH-111	Physical Anthropology Lab	1
ANTH-101	Physical Anthropology	3
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3

Units 13

Total Units 60

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Requirements

Course	Title	Credits
--------	-------	---------

Required Core Courses

PS-101	Introduction to American Government and Politics	3
or PS-101H	Honors Introduction to American Government and Politics	

List A: Select three

Select three of the following: 9

MATH-140	Introduction to Statistics	
or PSYC/ SOCI-121	Statistics for Behavioral Sciences	
PS-102	Comparative Politics and Government	
PS-105	Introduction to Political Theory	
or PS-105H	Honors Introduction to Political Theory	
PS-106	Introduction to International Relations	
or PS-106H	Honors Introduction to International Relations	

List B: Select two

Select any course from List A not used above or any of the following courses: 6

PS-103	Ethnic Politics in America	
or PS-103H	Honors Ethnic Politics in America	
PS-120	California Government	
or PS-120H	Honors California Government	

Total Units 18

Course	Title	Credits
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Units for Major 18

CSU General Education or IGETC Pattern (p. 97) 37-39

Possible double counting: 9 units

Transferable Electives (as needed to reach 60 CSU transferable units)

Total Units for A.A.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Psychology

Program Description

The Psychology program at MSJC is designed to develop skills and knowledge consistent with the study of psychology in a multicultural, global context. Successful students will cultivate the writing, reading, statistics, and research skills required for psychology inquiry and will develop the necessary background to be successful in the major at the university level. Furthermore, our program emphasizes how the course materials can be applied to one's own life through the promotion of self and cross cultural awareness. Our goal is to foster an appreciation for diversity, while creating community, support, and inclusion for our students.

Topics of interest and study:

Human development, consciousness, memory, psychological disorders, positive psychology, learning theory, personality development, personal growth, neuroscience, motivation, social psychology, research methodology, behavioral statistics, and others.

Psychology Department Page (<https://www.msjc.edu/psychology/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)
1-800-624-5561
Maria Lopez (951) 487-3690
mlopez@msjc.edu
Michelle Vogel Trautt (951) 487-3675
mvogeltrautt@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)
1-800-452-3335
Dan Peace (951) 639-5757
dpeace@msjc.edu
Anjeanette Oberg (951) 639-5653
aoberg@msjc.edu

Degrees/Certificates

Degrees

Transfer Degree

- Psychology, A.A-T (p. 321)

Program Learning Outcomes

- Apply the various psychological theories and concepts, including personality theory, consciousness, learning theory, and others, to our own personal and professional lives.
- Develop a tolerance, acceptance, and appreciation of the diversity of others' thoughts, backgrounds, and self concepts.
- Explore various topics and concepts within psychology, and integrate these into a whole concept of individuals and groups.
- Apply the learning outcome goals provided by the American Psychological Association.
- Explain different research methods used by psychologists, including strengths and weaknesses of different designs, types of questions addressed by each, and the significance of research to the field of psychology.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Psychology Teachers, Postsecondary (D)	\$33,645-\$175,480	15,241
Social & Human Service Assistant (B, M)	\$27,355-\$65,556	8,310
Clinical Psychologists (D)	\$52,413-\$113,025	2,663
Psychiatric Technician (SM, B, M)	\$37,578-\$73,660	842
School Psychologists (M, D)	\$52,413-\$113,025	2,663
Counseling Psychologists (D)	\$52,413-\$113,025	2,663
Child, Family, and School Social Workers (B, M)	\$33,339-\$84,060	4,775
Music Therapists (B)	\$46,883-\$84,478	116
Human Factors Engineers & Ergonomists (M)	\$66,430-\$155,220	2,460

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Psychology, A.A-T

The Associate in Arts in Psychology for Transfer degree is designed to fulfill the undergraduate requirements for students planning to major or minor in psychology or transfer to the CSU system. The patterns of courses offered for the degree are designed to prepare students to study, understand and to think critically about behavior and mental processes of humans and other organisms under a scientific paradigm. The areas of study encompasses consciousness, cognition, motivation and emotion, human development, the psychobiological foundations of behavior, the nature of psychological disorders, and the application of psychological principles to promote the quality of people's lives founded on sound psychological models and research.

AA.PSYC.OPTBAAT or AA.PSYC.OPTCAAT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

This program provides students with focused program options. A focused program map contains courses that help students specialize in a distinct area and connects to careers. Talk to a counselor about preparing for transfer to specific schools.

Business & Industry Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
PSYC-101	Introduction to Psychology	3
PSYC-102	Personal Growth	3
COMM-100	Public Speaking	3
Select one of the following:		3
ART-104	World Art	
DAN-100	History and Appreciation of Dance	
MUS-108	History of Jazz and Blues	
Units		16
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
PSYC-103	Human Development	3
ANTH-101	Physical Anthropology	3
HIST-111	U.S. History to 1877	3
PSYC-121	Statistics for Behavioral Sciences	3
ANTH-111	Physical Anthropology Lab	1
Units		16

Fall Semester 2		
PSYC-124	Social Research Methodology With Lab (formerly Social Research Methodology)	4
ENVS-100	Humans and Scientific Inquiry	3
PS-101	Introduction to American Government and Politics	3
COMM-117	Organizational Communication (formerly Professional Communication)	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
Units		17

Spring Semester 2		
PSYC-107	Psychobiology	3
HIST-160 or PS-103	Black History in the American Context or Ethnic Politics in America	3
Select one of the following:		3
PSYC-104	Psychology of Gender	
PSYC-105	Social Psychology	
PSYC-108	Abnormal Psychology	
Select one of the following:		3
MGT-538	Personnel Management (formerly MGT-138)	
LEAD-500	Leadership Development (LEAD-101)	
SOCI-102	Contemporary Social Problems	
BADM-104	Business Communications	
COMM-119	Public Relations	
Select one of the following:		4
PHIL-105	Introduction to Ethics	
SPAN-102	Elementary Spanish II	
ASL-101	American Sign Language II	
FREN-102	Elementary French II	
Units		16
Total Units		65

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

Education & Advocacy Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
PSYC-101	Introduction to Psychology	3
PSYC-102	Personal Growth	3
COMM-100 or COMM-103	Public Speaking or Interpersonal Communication	3
PS-101	Introduction to American Government and Politics	3
Units		16

Spring Semester 1

ENGL-103	Critical Thinking and Writing	3
PSYC-121	Statistics for Behavioral Sciences	3
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
PSYC-105	Social Psychology	3
Select one of the following:		3
ART-104	World Art	
DAN-100	History and Appreciation of Dance	
MUS-108	History of Jazz and Blues	

Units **16**

Fall Semester 2

PSYC-124	Social Research Methodology With Lab (formerly Social Research Methodology)	4
ENVS-100 or GEOL-105	Humans and Scientific Inquiry or Historical Geology	3
PSYC-104 or SOCI-112	Psychology of Gender or Gender and Social Interaction	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
Select one of the following:		3
COMM-106	Small Group Communication	
COMM-108	Intercultural Communication	
COMM-117	Organizational Communication (formerly Professional Communication)	

Units **17**

Spring Semester 2

PS-103 or HIST-160	Ethnic Politics in America or Black History in the American Context	3
PSYC-103 or PSYC-107	Human Development or Psychobiology	3
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
Select one of the following:		4
SPAN-102	Elementary Spanish II	
FREN-102	Elementary French II	
ASL-101	American Sign Language II	
ANTH-145	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	
LIT-132	Adolescent Literature (formerly ENGL-132)	
CDE-131	Children's Literature	
Select one of the following:		3
SOCI-101	Principles of Sociology	
SOCI-102	Contemporary Social Problems	
SOCI-103	Marriage and the Family	
SOCI-106	Intercultural Relations	

Units **16**

Total Units **65**

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a

counselor for more detail regarding specific CSU major and graduation requirements.

Neuroscience Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
BIOL-100 or BIOL-115	Human Biology or Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
PSYC-101	Introduction to Psychology	3
PSYC-102	Personal Growth	3
		Units 14

Spring Semester 1

ENGL-103	Critical Thinking and Writing	3
PSYC-121	Statistics for Behavioral Sciences	3
PSYC-107	Psychobiology	3
PS-101	Introduction to American Government and Politics	3
Select one of the following:		3
ART-104	World Art	
DAN-100	History and Appreciation of Dance	
MUS-108	History of Jazz and Blues	
		Units 15

Fall Semester 2

PSYC-124	Social Research Methodology With Lab (formerly Social Research Methodology)	4
CHEM-101	General Chemistry I	5
Select one of the following:		3
PSYC-103	Human Development	
PSYC-104	Psychology of Gender	
PSYC-105	Social Psychology	
SOCI-108	Human Sexuality	
ANTH-101	Physical Anthropology	
ANTH-102	Cultural Anthropology	
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
		Units 16

Spring Semester 2

PSYC-108 or HS-123	Abnormal Psychology or Drugs, Health and Society (formerly Drugs: Use and Abuse)	3
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
PS-103	Ethnic Politics in America	
Select one of the following:		3
COMM-100	Public Speaking	3
COMM-103	Interpersonal Communication	3

COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
HIST-111	U.S. History to 1877	3
Select one of the following:		4
SPAN-102	Elementary Spanish II	
FREN-102	Elementary French II	
ASL-101	American Sign Language II	
PHIL-105	Introduction to Ethics	
Units		25
Total Units		70

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

Therapy & Counseling Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
PSYC-101	Introduction to Psychology	3
PSYC-102	Personal Growth	3
COMM-103	Interpersonal Communication	3
Select one of the following:		3
ART-104	World Art	
DAN-100	History and Appreciation of Dance	
MUS-108	History of Jazz and Blues	
Units		16
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
PSYC-121	Statistics for Behavioral Sciences	3
ANTH-101	Physical Anthropology	3
HIST-111	U.S. History to 1877	3
PSYC-108	Abnormal Psychology	3
ANTH-111	Physical Anthropology Lab	1
Units		16
Fall Semester 2		
PSYC-124	Social Research Methodology With Lab (formerly Social Research Methodology)	4
ENVS-100	Humans and Scientific Inquiry (or any other B1)	3
PS-101	Introduction to American Government and Politics	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
Units		14
Spring Semester 2		
PSYC-107 or PSYC-103	Psychobiology or Human Development	3
COMM-106 or COMM-108	Small Group Communication or Intercultural Communication	3

PSYC-104 or PSYC-105	Psychology of Gender or Social Psychology	3
Select one of the following:		3
PHIL-105	Introduction to Ethics	
SPAN-102	Elementary Spanish II	
FREN-102	Elementary French II	
ASL-101	American Sign Language II	
HIST-160 or PS-103	Black History in the American Context or Ethnic Politics in America	3
Units		15
Total Units		61

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

UCR/UCLA: General Education Option C

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-110	Pre-Calculus	4
PSYC-101	Introduction to Psychology	3
PSYC-102	Personal Growth	3
Units		14
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
COMM-100 or COMM-104	Public Speaking or Argumentation and Debate (formerly Advocacy and Argument)	3
PSYC-121 or MATH-140	Statistics for Behavioral Sciences or Introduction to Statistics	3
BIOL-100 or BIOL-115	Human Biology or Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
Select one of the following:		3
ART-104	World Art	
DAN-100	History and Appreciation of Dance	
MUS-108	History of Jazz and Blues	
Units		16
Fall Semester 2		
PSYC-124	Social Research Methodology With Lab (formerly Social Research Methodology)	4
CHEM-101	General Chemistry I	5
ANTH-101 or ENVS-101	Physical Anthropology or Environmental Science	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-101	American Sign Language II	
Units		16

Spring Semester 2

PS-101	Introduction to American Government and Politics	3
PSYC-103	Human Development	3
HIST-111	U.S. History to 1877	3
PHIL-105	Introduction to Ethics	3
Select one of the following:		4
SPAN-102	Elementary Spanish II	
FREN-102	Elementary French II	
ASL-101	American Sign Language II	
Units		16
Total Units		62

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

NOTE: UCLA articulates MATH-140 only. PSYC-121 articulates to UCR ONLY.

NOTE: UCLA articulates BIOL-115 only.

Requirements

Course	Title	Credits
Required Core Courses		
MATH-140 or PSYC/SOCI-121	Introduction to Statistics Statistics for Behavioral Sciences	3
PSYC-101 or PSYC-101H	Introduction to Psychology Honors Introduction to Psychology	3
PSYC-124 or PSYC-124H	Social Research Methodology With Lab (formerly Social Research Methodology) Honors Social Research Methodology With Lab (formerly Honors Social Research Methodology)	4

List A: Select one

Select one of the following:		3-4
BIOL-100	Human Biology	
BIOL-115 or BIOL-115H	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology) Honors Introductory Topics in Biology: Cells to Ecosystems (formerly Honors Topics in Biology)	
BIOL-150 or BIOL-150H	General Biology I Honors General Biology I	
PSYC-107 or PSYC-107H	Psychobiology Honors Psychobiology	

List B: Select one

Select any course from List A not already used above or one of the following courses:		3
PSYC-103 or PSYC-103H	Human Development Honors Human Development	

List C: Select one

Select any course from List A or B not already used above or one of the following courses:		3
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CDE-110 or CDE-110H	Child Development Honors Child Development
PSYC-102	Personal Growth
PSYC-104 or PSYC-104H	Psychology of Gender Honors Psychology of Gender
PSYC/SOCI-105 or PSYC/ SOCI-105H	Social Psychology Honors Social Psychology
PSYC-108 or PSYC-108H	Abnormal Psychology Honors Abnormal Psychology

Total Units **19-20**

Course	Title	Credits
Units for Major		19-20
CSU General Education or IGETC Pattern (p. 97)		37-39

Possible double counting: 16-19 units

Transferable Electives (as needed to reach 60 CSU transferable units)

Total Units for A.A.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Public Health Science

Program Description

Public Health Science is a critical field in today's world. The courses in this program provide students with the skills to think critically and solve problems in regards to major concepts in community health and personal wellness. The degree focuses on providing job-based skills and an introduction to the disciplines within the Public Health field.

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Degrees/Certificates

Degrees

Transfer Degrees

- Public Health Science, A.S.-T (p. 325)

Program Learning Outcomes

- Demonstrate an understanding of the impact of lifestyle behaviors on human health and wellness.
- Evaluate dietary and exercise patterns.
- Communicate effectively how lifestyle behaviors affect various disease states.
- Develop a plan to meet personal health and wellness goals.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Community Health Workers (A, B, M)	\$44,390	5,720
Epidemiologist (B, M, D)	\$70,990	8,000
Health Educators (A, B)	\$57,030	8,000

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Public Health Science, A.S.-T

An A.S.-T in Public Health Science for Transfer will fulfill the requirements for students to transfer to a CSU institution as a Public Health Science or similar major. The courses in the A.S.-T in Public Health Science for Transfer provide students with an ability to solve qualitative problems and think critically in regards to major concepts in community health and personal wellness. Additionally, the degree focuses on providing job based skills and an introduction to the disciplines within the Public Health field.

AS.PHS.OPTBAST or AS.PHS.OPTCAST

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- Starting in Spring?** Choose Fall Semester 1 courses.
- Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
COMM-100	Public Speaking	3
HS-121	Fundamentals of Healthful Living	3
ANAT-101	Human Anatomy & Physiology I	4
Units		14
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
ANAT-102	Human Anatomy & Physiology II	4
MATH-140	Introduction to Statistics	3
CHEM-100	Introduction to Chemistry	4
PS-101	Introduction to American Government and Politics	3
Units		17
Fall Semester 2		
BIOL-100 or BIOL-115	Human Biology or Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
DAN-100	History and Appreciation of Dance	3
Select one of the following:		3
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
PS-103	Ethnic Politics in America	

SPAN-101 or FREN-101 or ASL-100	Elementary Spanish I or Elementary French I or American Sign Language I	4
Units		14
Spring Semester 2		
HS-123	Drugs, Health and Society (formerly Drugs: Use and Abuse)	3
HS-120	Introduction to Public Health	3
PSYC-101	Introduction to Psychology	3
SPAN-102 or FREN-102 or ASL-101	Elementary Spanish II or Elementary French II or American Sign Language II	4
HIST-111	U.S. History to 1877	3
Units		16
Total Units		61

Requirements

Course	Title	Credits
Required Core Courses		
ANAT-101	Human Anatomy & Physiology I	4
ANAT-102	Human Anatomy & Physiology II	4
HS-120	Introduction to Public Health	3
HS-121	Fundamentals of Healthful Living	3
MATH-140	Introduction to Statistics	3
PSYC-101 or PSYC-101H	Introduction to Psychology Honors Introduction to Psychology	3
Select one of the following:		4
BIOL-100	Human Biology	4-5
BIOL-115 or BIOL-115H	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology) Honors Introductory Topics in Biology: Cells to Ecosystems (formerly Honors Topics in Biology)	
Select one of the following:		4-5
CHEM-100	Introduction to Chemistry	4-5
CHEM-101	General Chemistry I	
List A: Select one		
Select one of the following:		3
ECON-201 or ECON-201H	Principles of Macroeconomics Honors Principles of Macroeconomics	3
ECON-202 or ECON-202H	Principles of Microeconomics Honors Principles of Microeconomics	
HS-123	Drugs, Health and Society (formerly Drugs: Use and Abuse)	3
NUTR-101 or NUTR-101H	Introduction to Nutrition Science (formerly Nutrition and Foods) Honors Introduction to Nutrition Science (formerly Nutrition and Foods)	
SOCI-101 or SOCI-101H	Principles of Sociology Honors Principles of Sociology	3
SOCI-108	Human Sexuality	
Total Units		31-32

Course	Title	Credits
Units for Major		

MSJC General Education Option B or C (p. 97)

Possible double counting: 17-20

Transferable Electives (as need to reach 60 CSU transferable units)

Total Units for A.S.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Puente Program

Puente is designed to help students adjust to college life, apply their existing cultural knowledge to academic outcomes, and prepare for transfer to four-year universities. The program explores multicultural, and particularly Latinx, experiences in a close-knit familia cohort model by combining writing instruction, personal growth instruction, and counseling, and mentoring. Puente's goal is to provide strong academic support that affirms community, cultura, and lifelong learning. Puente is open to, and welcomes, all MSJC students.

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Degrees/Certificates

Certificates

- Puente Program Completion Certificate (p. 327)

Program Learning Outcomes

- Student will complete an informed educational plan for AA/AS graduation requirements.
- Student will complete an informed educational plan for transfer requirements.
- Student will participate in 20 campus and/or program events (10 per year) which inform their civic responsibility and increase their academic engagement.
- Student will complete English 101 and English 103 sequence with the Puente Program.
- Student will complete CSCR 100 with the Puente Program.
- Student will identify academic skills that prepare them for success in higher education environments.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Puente Program Completion Certificate

The Certificate of Achievement of the Puente Program is designed to recognize the accomplishments of students who successfully complete the nationally-recognized Puente Program along with a general education sequence focused on Latinx and Indigenous culture. The mission of the program is to create and foster a culturally-specific community of scholars who learn to leverage their cultural capital while enhancing opportunities for transfer. Students in this program will have increased contact with faculty and counselors who specifically work with the Puente Program, which allows for increased support and transfer

guidance. Additionally, Puente cohorts spend additional time with each other, through the Puente course sequence as well as program-wide events, which widens their support system and enhances the familia ethos of the Puente Program as a whole. This program therefore increases transfer opportunities while being mindful of the mission to create community-minded scholars that collectively work to uplift themselves and those around them. By completing this certificate, students will have one year of general education requirements completed, including first-year writing courses, and will have gained cultural competency.

CT.PUENTE

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
ENGL-101 or ENGL-101H	College Composition (formerly Freshman Composition) or Honors College Composition (formerly Freshman Composition)	4
CSCR-100	College Success and Career Readiness (formerly GUID-100 College Success)	3
Select one of the following:		3-4
MATH-105	College Algebra	
MATH-105H	Honors College Algebra	
MATH-110	Pre-Calculus	
MATH-115	Ideas of Mathematics	
MATH-140	Introduction to Statistics	
		Units 10-11
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
Select one of the following:		3
ANTH-107	Indigenous People of Latin America (formerly ANTH-103D Latin American Cultures)	
HIST-141	History of Latin America to 1820	
HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	
HIST-150H	Honors Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	
SOCI-115	Contemporary Chicano in Society	
Select one of the following:		3
LIT-275	Latinx/Chicanx Literature	
LIT-275H	Honors Latinx/Chicanx Literature	

LIT-280	Multiethnic Literature (formerly ENGL-280)	
LIT-280H	Honors Multiethnic Literature (formerly ENGL-280H)	
HIST-140	History of Mexico	
HIST-140H	Honors History of Mexico	
Units		9
Total Units		19-20

Additional Requirement: Completion of 100 Puente points for participating in recognized Puente events.

NOTE: Honors courses can be used to fulfill these requirements.

Requirements

Course	Title	Credits
Required Core Courses (10 Units)		
ENGL-101	College Composition (formerly Freshman Composition)	4
or ENGL-101H	Honors College Composition (formerly Freshman Composition)	
ENGL-103	Critical Thinking and Writing	3
or ENGL-103H	Honors Critical Thinking and Writing	
CSCR-100	College Success and Career Readiness (formerly GUID-100 College Success)	3
Social and Behavioral Sciences (3 Units)		
Select one of the following:		3
ANTH-107	Indigenous People of Latin America (formerly ANTH-103D Latin American Cultures)	
HIST-141	History of Latin America to 1820	
HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	
or HIST-150H	Honors Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	
SOCI-115	Contemporary Chicano in Society	
Humanities (3 Units)		
Select one of the following:		3
LIT-275	Latinx/Chicanx Literature	
or LIT-275H	Honors Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
or LIT-280H	Honors Multiethnic Literature (formerly ENGL-280H)	
HIST-140	History of Mexico	
or HIST-140H	Honors History of Mexico	
Math (3-4 Units)		
Select one of the following:		3-4
MATH-105	College Algebra	
or MATH-105H	Honors College Algebra	
MATH-110	Pre-Calculus	
MATH-115	Ideas of Mathematics	
MATH-140	Introduction to Statistics	

Completion of 100 Puente points for participating in recognized Puente events.

Total Units **19-20**

Career Exploration

Discover information about careers that interest you!

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2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Real Estate

Program Description

Become a real estate professional! Begin this rewarding and flexible career by completing courses toward your real estate salesperson and/or broker's license. Real estate agents work with buyers and sellers in this dynamic profession. Set your own schedule, balance life and work, celebrate home purchases, and expand your business knowledge.

Real Estate Department Page (<https://www.msjc.edu/realestate/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)
1-800-624-5561

Dean of Instruction, Career Education (951) 639-5352
careereducation@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)
1-800-452-3335

Dean of Instruction, Career Education (951) 639-5352

careereducation@msjc.edu

Degrees/Certificates

Degrees

Non-Transfer Degree

- Real Estate, A.S. (p. 329)

Certificate

- Real Estate Certificate (p. 330)

Program Learning Outcomes

- Apply the basic principles of California real estate regulations and laws.
- Demonstrate and differentiate best practices in real estate transactions.
- Describe the ethical standards and responsibilities of real estate professionals.
- Analyze and justify the basic principles of real estate property valuation.
- Identify key real estate terms and procedures.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Real Estate Agents (SM, C)	\$32,119-\$65,253	5,707
Real Estate Brokers (SM, B)	\$37,673-\$94,068	2,043
Appraisers, Real Estate (A, B)	\$43,777-\$89,872	690
Property, Real Estate & Community Association Managers (B)	\$34,491-\$109,865	4,211
Title Examiners, Abstractors & Searchers (SM)	\$38,393-\$85,676	539
Assessors (SM, C, A)	\$43,777-\$89,872	690

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Real Estate, A.S.

Real Estate is a rewarding and flexible career choice. Real estate agents work with buyers, sellers, tenants, builders, and lenders in this dynamic profession. Set your own schedule, balance life and work, celebrate home

purchases, expand your business knowledge and prepare for a career with great earning potential.

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

Course	Title	Units
Fall Semester 1		
RE-101	Real Estate Principles (formerly RE-140)	3
SOCI-105	Social Psychology	3
COMM-103	Interpersonal Communication	3
CSCR-116	Integrative Career/Life Planning (formerly GUID-116)	3
ENGL-101	College Composition (formerly Freshman Composition)	4
Units		16
Spring Semester 1		
RE-502	Real Estate Practice (formerly RE-141)	3
RE-503	Legal Aspects of Real Estate (formerly RE-142)	3
PS-101	Introduction to American Government and Politics	3
ENVS-101	Environmental Science	3
MATH-115	Ideas of Mathematics	3
Units		15
Fall Semester 2		
RE-504	Real Estate Finance (formerly RE-143)	3
ACCT-124	Financial Accounting - Principles of Accounting I	3
RE-506	Real Estate Economics (formerly RE-145)	3
BADM-103	Introduction to Business	3
DIG-110	Introduction to Digital Media	3
COMM-113	Oral Interpretation of Literature	3
Units		18
Spring Semester 2		
RE-707	Mortgage Loan Brokering and Lending (formerly RE-146)	3
RE-505	Real Estate Property Management (formerly RE-154 Property Management)	3
ART-104	World Art	3
RE-544	Fundamentals of Real Estate Appraisal (formerly RE-144 Basic Appraisal Principles and Procedures)	3

DIG-181	Social Media Marketing (formerly DIG-581)	3
Units		15
Total Units		64

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Real Estate Courses		12
Real Estate Electives		12
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		
RE-101	Real Estate Principles (formerly RE-140)	3
RE-502	Real Estate Practice (formerly RE-141)	3
RE-503	Legal Aspects of Real Estate (formerly RE-142)	3
RE-504	Real Estate Finance (formerly RE-143)	3
Elective Courses		
Select 12 units of the following:		12
ACCT-124	Financial Accounting - Principles of Accounting I	
or ACCT-124H	Honors Financial Accounting - Principles of Accounting I	
BADM-201	Legal Environment of Business	
RE-505	Real Estate Property Management (formerly RE-154 Property Management)	
RE-506	Real Estate Economics (formerly RE-145)	
RE-544	Fundamentals of Real Estate Appraisal (formerly RE-144 Basic Appraisal Principles and Procedures)	
RE-549	Cooperative Work Experience: Real Estate (formerly RE-149)	
RE-707	Mortgage Loan Brokering and Lending (formerly RE-146)	
Total Units		24

Career Exploration

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2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer.

The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Real Estate Certificate

The Real Estate Certificate provides a structured program with courses to lead today's professionals through these challenges and opportunities.

CT.RE

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
RE-101	Real Estate Principles (formerly RE-140)	3
RE-502	Real Estate Practice (formerly RE-141)	3
RE-503	Legal Aspects of Real Estate (formerly RE-142)	3
RE-504	Real Estate Finance (formerly RE-143)	3
Units		12
Spring Semester 1		
ACCT-124	Financial Accounting - Principles of Accounting I	3
RE-707	Mortgage Loan Brokering and Lending (formerly RE-146)	3
RE-506	Real Estate Economics (formerly RE-145)	3
RE-505	Real Estate Property Management (formerly RE-154 Property Management)	3
Units		12
Total Units		24

Requirements

Course	Title	Credits
Required Courses		
RE-101	Real Estate Principles (formerly RE-140)	3
RE-502	Real Estate Practice (formerly RE-141)	3
RE-503	Legal Aspects of Real Estate (formerly RE-142)	3
RE-504	Real Estate Finance (formerly RE-143)	3
Subtotal		12
Elective Courses		
Select 12 units of the following:		12
ACCT-124	Financial Accounting - Principles of Accounting I	
or ACCT-124H	Honors Financial Accounting - Principles of Accounting I	

BADM-201	Legal Environment of Business	
RE-505	Real Estate Property Management (formerly RE-154 Property Management)	
RE-506	Real Estate Economics (formerly RE-145)	
RE-544	Fundamentals of Real Estate Appraisal (formerly RE-144 Basic Appraisal Principles and Procedures)	
RE-549	Cooperative Work Experience: Real Estate (formerly RE-149)	
RE-707	Mortgage Loan Brokering and Lending (formerly RE-146)	
Subtotal		12
Total Units		24

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Real Estate

Gainful Employment Disclosures – 2021

Program Name REAL ESTATE

This program is designed to be completed in 8 months.

This program will cost \$1,104 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Science Program Description

The non-transfer Associate of Science degree in Science provides a pathway for students who are interested in being admitted to the Mt. San Jacinto college Nursing or Diagnostic Medical Sonography programs. It is designed to provide a foundation of the science courses required for admission to the programs as well as the completion of an associates degree which will also benefit students applying to either program. The degree combines the requirements for Mt. San Jacinto College's General Education requirements (Option A) for the completion of a minimum of 60 degree-applicable units total. Students are encouraged to complete the other prerequisites of the programs as they fulfill the general education requirements needed to apply for admission to the programs. Some courses in this degree may count for both the degree and general education requirements. Completion of this degree does not guarantee admission into the Nursing or Diagnostic Medical Sonography programs. For additional information, please see an MSJC counselor.

Science Program Page (<https://www.msjc.edu/science/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus
(951) 487-MSJC (6752)
1-800-624-3255
Counseling (951) 487-3255

Menifee Valley Campus
(951) 672-MSJC (6752)
1-800-452-5255
Counseling (951) 639-5255

Degrees/Certificates

Degrees

Non-Transfer Degree

- Science, A.S. (p. 332)

Program Learning Outcomes

- Analyze real or potential problems and develop, evaluate, and test possible solutions and hypotheses using the scientific method where appropriate.
- Analyze and evaluate alternative points of view and accurately interpret evidence, statements, graphics, questions etc.
- Analyze and explain issues in quantitative terms using college-level mathematical concepts and methods, where appropriate.
- Apply their knowledge and skills to new and varied situations.
- Apply technology competently, selecting and using tools appropriate to the task.
- Explore complex issues and discover the connections and correlations among ideas to advance toward a valid independent conclusion.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Science, A.S.

This degree will help prepare students to enter the Nursing or Diagnostic Medical Sonography programs.

AS.SCI

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

Pre-DMS - Diagnostic Medical Sonography

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-105	College Algebra	4
AH-105	Medical Terminology	3
BIOL-100	Human Biology	4
Units		15
Spring Semester 1		
PS-101	Introduction to American Government and Politics	3
PSYC-101	Introduction to Psychology	3
SPAN-101	Elementary Spanish I	4
ANAT-101	Human Anatomy & Physiology I	4
Units		14
Fall Semester 2		
NUTR-101	Introduction to Nutrition Science (formerly Nutrition and Foods)	3
SPAN-102	Elementary Spanish II	4
COMM-103	Interpersonal Communication	3
ANAT-102	Human Anatomy & Physiology II	4
ART-104	World Art	3
Units		17
Spring Semester 2		
SOCI-101	Principles of Sociology	3
ANTH-102	Cultural Anthropology	3
PSYC-103	Human Development	3
HS-121	Fundamentals of Healthful Living	3
PHY-100	Physical Science in Modern Society (formerly Conceptual Physics)	3
Units		15
Total Units		61

Notes: Language Requirement: Some CSU's have an Intermediate Language Proficiency requirement that can be met by completion of 4 years of high school Foreign Language with a grade of C or better, or by completing up to the equivalent of MSJC's ASL-201 American Sign Language III (formerly ASL-103), FREN-201 Intermediate French I, or SPAN-201 Intermediate Spanish I.

Pre-Nursing: MSJC Option B: CSU

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-140	Introduction to Statistics	3
PSYC-101	Introduction to Psychology	3
SOCI-101	Principles of Sociology	3
NUTR-101	Introduction to Nutrition Science (formerly Nutrition and Foods)	3
Units		16

Spring Semester 1

ANAT-101	Human Anatomy & Physiology I	4
CHEM-107	Chemistry of Life	5
COMM-100	Public Speaking	3
ENGL-103	Critical Thinking and Writing	3
Units		15

Fall Semester 2

ANAT-102	Human Anatomy & Physiology II	4
SPAN-101	Elementary Spanish I	4
ART-104	World Art	3
ANTH-102	Cultural Anthropology	3
PSYC-103	Human Development	3
Units		17

Spring Semester 2

BIOL-125	Microbiology	4
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
SPAN-102	Elementary Spanish II	4
PS-101	Introduction to American Government and Politics	3
Units		14
Total Units		62

Pre-Nursing: MSJC Option C: UC

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-211	Analytic Geometry and Calculus I	4
CHEM-101	General Chemistry I	5
PSYC-101	Introduction to Psychology	3
Units		16
Spring Semester 1		
ANAT-101	Human Anatomy & Physiology I	4
CHEM-102	General Chemistry II	5
ENGL-103	Critical Thinking and Writing	3
ART-104	World Art	3
Units		15
Fall Semester 2		
ANAT-102	Human Anatomy & Physiology II	4
CHEM-112	Organic Chemistry I	5
PHIL-105	Introduction to Ethics	3
ANTH-102	Cultural Anthropology	3
Units		15
Spring Semester 2		
BIOL-125	Microbiology	4
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
MATH-140	Introduction to Statistics	3
BIOL-134	Human Heredity and Evolution	3
Units		13
Fall Semester 3		
BIOL-150	General Biology I	4

SPAN-101	Elementary Spanish I	4
COMM-100	Public Speaking	3
Units		11
Spring Semester 3		
BIOL-151	General Biology II	4
SPAN-102	Elementary Spanish II	4
PS-101	Introduction to American Government and Politics	3
Units		11
Total Units		81

Notes: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Pre-Nursing: MSJC/LOMA LINDA

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-140	Introduction to Statistics	3
PSYC-101	Introduction to Psychology	3
SOCI-101	Principles of Sociology	3
NUTR-101	Introduction to Nutrition Science (formerly Nutrition and Foods)	3
Units		16
Spring Semester 1		
ANAT-101	Human Anatomy & Physiology I	4
CHEM-107	Chemistry of Life	5
COMM-100	Public Speaking	3
ENGL-103	Critical Thinking and Writing	3
Units		15
Fall Semester 2		
ANAT-102	Human Anatomy & Physiology II	4
SPAN-101	Elementary Spanish I	4
ART-104	World Art	3
PS-101	Introduction to American Government and Politics	3
PSYC-103	Human Development	3
Units		17
Spring Semester 2		
BIOL-125	Microbiology	4
PHIL-101	Introduction to Philosophy I	3
SPAN-102	Elementary Spanish II	4
PE-119B	Intermediate Fitness Walking	2
DAN-201	Dances of the World	1
Units		14
Total Units		62

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

In addition to the required core, students must choose and complete one of the two options (Pre-Nursing or Pre-Diagnostic Medical Sonography) for a total of 20-21 units. Students must also complete all MSJC General Education Option A requirements (a total of 60 units) for the Associate of Science degree in Science.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Science Courses		8
Pre-Nursing Option		11-12
Pre-Diagnostic Medical Sonography Option		12
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		
Choose one option:		
ANAT-101	Human Anatomy & Physiology I	4
ANAT-102	Human Anatomy & Physiology II	4
Pre-Nursing Option		11-12

BIOL-125	Microbiology	
or BIOL-125H	Honors Microbiology	
Select one of the following:		
CHEM-100	Introduction to Chemistry	
CHEM-101	General Chemistry I	
or CHEM-101H	Honors General Chemistry I	
CHEM-107	Chemistry of Life	

One additional Option A, Area A science course totaling 3 units or more.

Pre-Diagnostic Medical Sonography Option		12
AH-105	Medical Terminology	
PHY-100	Physical Science in Modern Society (formerly Conceptual Physics)	

Two additional Option A, Area A science courses totaling 6 units or more.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer.

The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Social Justice Studies

Program Description

Want to change the world? There's a major for that! Social Justice Studies focus on understanding the different ways power and privilege work in our society in order to create a better world. As an interdisciplinary major, we combine approaches from political science, sociology, psychology, and history, along with studying art, literature, and popular culture to understand the struggles that people face and to begin thinking about how to help make them better. By examining race/ethnicity, class, gender, sexuality, national origin, and (dis)ability, as well as how these parts of who we are intersect to create individual identities, we are to focus on how to help people and fight for what is right. This major is perfect for any student looking to transfer into programs in race/ethnic studies, Black or African American studies, Latinx/Chicanx studies, Asian/Asian American studies, gender and sexuality studies, LGBTQ+/queer studies, or fields like sociology, history, political science, psychology, English, or cultural studies.

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Degrees/Certificates

Degrees

Transfer Degrees

- Social Justice Studies, A.A.-T (p. 335)

Program Learning Outcomes

This program is intended to provide an interdisciplinary perspective to social justice issues related to intersectional identity in order to promote a more informed perspective and empower students with resources for self and community advocacy.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market

statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Civil Rights/ Immigration Lawyer (M, D)	\$120,910	5,695
Paralegal/Legal Assistant (A, B)	\$57,154	4,104
Social and Community Service Managers (A, B, M)	\$66,246	3,314
Social Worker (B, M)	\$63,140	13,300

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Social Justice Studies: General, A.A.-T

The Associate in Arts in Social Justice Studies for Transfer (AA-T) Degree is intended to meet the lower division requirements for various Social Justice B.A. degrees. The Social Justice Studies degree is an interdisciplinary degree that engages students in examining identity issues such as gender, race, class, ethnicity, and nationality as they intersect with the social justice issues of racism, sexism, classism, terrorism, and other oppressive structures within society. This degree is designed to appeal to the student who is interested in learning about the experiences of marginalized groups and those going into majors such as Sociology, Anthropology, Psychology, English, History, Political Science, Women's, Gender and Sexuality Studies, and Race and Ethnic Studies.

AA.SJS.OPTBAAT or AA.SJS.OPTCAAT

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-140 or PSYC-121	Introduction to Statistics or Statistics for Behavioral Sciences	3
ANTH-102	Cultural Anthropology	3
SOCI-101	Principles of Sociology	3
Select one of the following		3
ART-100	Art Appreciation	

MUS-100	Introduction and Appreciation of Music	
THA-101	Introduction to Theater	
Units		16
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
COMM-100	Public Speaking	3
BIOL-115	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
HIST-111	U.S. History to 1877	3
SOCI-112 or PSYC-112	Gender and Social Interaction or Gender and Social Interaction	3
Units		16
Fall Semester 2		
LIT-275 or LIT-280	Latinx/Chicanx Literature or Multiethnic Literature (formerly ENGL-280)	3
SOCI-102	Contemporary Social Problems	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	3
COMM-108	Intercultural Communication	3
Units		16
Spring Semester 2		
Select one of the following		3
HIST-118	History of World Religions (formerly HUM-104 World Religions)	
HIST-120	California History	
HIST-160	Black History in the American Context	
GEOG-108	World Regional Geography	
ENVS-101	Environmental Science	3
Select one of the following:		4
SPAN-102	Elementary Spanish II	
FREN-102	Elementary French II	
ASL-101	American Sign Language II	
PS-101	Introduction to American Government and Politics	3
Units		13
Total Units		61

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

UC: General Education Option C

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4

MATH-140 or PSYC-121	Introduction to Statistics or Statistics for Behavioral Sciences	3
ANTH-102	Cultural Anthropology	3
SOCI-101	Principles of Sociology	3
Select one of the following:		3
ART-100	Art Appreciation	
MUS-100	Introduction and Appreciation of Music	
THA-101	Introduction to Theater	

Units **16**

Spring Semester 1

ENGL-103	Critical Thinking and Writing	3
COMM-100	Public Speaking	3
BIOL-115	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
HIST-111	U.S. History to 1877	3
SOCI-112 or PSYC-112	Gender and Social Interaction or Gender and Social Interaction	3

Units **16**

Fall Semester 2

LIT-260 or LIT-280	Introduction to African American Literature (formerly ENGL-260) or Multiethnic Literature (formerly ENGL-280)	3
SOCI-102	Contemporary Social Problems	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	3
COMM-108	Intercultural Communication	3

Units **16**

Spring Semester 2

Select one of the following:		3
HIST-118	History of World Religions (formerly HUM-104 World Religions)	
HIST-120	California History	
HIST-160	Black History in the American Context	
ENVS-101	Environmental Science	3
Select one of the following:		4
SPAN-102	Elementary Spanish II	
FREN-102	Elementary French II	
ASL-101	American Sign Language II	
PS-101	Introduction to American Government and Politics	3

Units **13**

Total Units **61**

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better.

Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Requirements

Course	Title	Credits
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Required Core Courses

HIST-150 or HIST-150H	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History) Honors Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	3
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SOCI/PSYC-112	Gender and Social Interaction	3
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Select one of the following: 3

ANTH-102 or ANTH-102H	Cultural Anthropology Honors Cultural Anthropology	
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COMM-108 or COMM-108H	Intercultural Communication Honors Intercultural Communication	
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GEOG-108	World Regional Geography	
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HIST-118	History of World Religions (formerly HUM-104 World Religions)	
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HIST-120 or HIST-120H	California History Honors California History	
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HIST-160 or HIST-160H	Black History in the American Context Honors Black History-American Context American Context	
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LIT-260 or LIT-260H	Introduction to African American Literature (formerly ENGL-260) Honors Introduction to African American Literature (formerly ENGL-260H)	
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LIT-280 or LIT-280H	Multiethnic Literature (formerly ENGL-280) Honors Multiethnic Literature (formerly ENGL-280H)	
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SOCI-101 or SOCI-101H	Principles of Sociology Honors Principles of Sociology	
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SOCI-102	Contemporary Social Problems	
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List A: Select three

Select three courses from at least two of the following areas and not already used above. Courses must be related to social justice, gender/women, or ethnicity/race. 9-10

Area 1: History or Government

HIST-118	History of World Religions (formerly HUM-104 World Religions)	
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HIST-160 or HIST-160H	Black History in the American Context Honors Black History-American Context American Context	
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Area 2: Arts and Humanities

LIT-260 or LIT-260H	Introduction to African American Literature (formerly ENGL-260) Honors Introduction to African American Literature (formerly ENGL-260H)	
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LIT-280 or LIT-280H	Multiethnic Literature (formerly ENGL-280) Honors Multiethnic Literature (formerly ENGL-280H)	
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Area 3: Social Science

SOCI-101	Principles of Sociology
or SOCI-101H	Honors Principles of Sociology
SOCI-102	Contemporary Social Problems
Area 4: Quantitative Reasoning and Research Methods	
MATH-140	Introduction to Statistics
PSYC-121	Statistics for Behavioral Sciences
or SOCI-121	Statistics for Behavioral Sciences
PSYC-124	Social Research Methodology With Lab (formerly Social Research Methodology)
or PSYC-124H	Honors Social Research Methodology With Lab (formerly Honors Social Research Methodology)
Area 5: Major Preparation	
ANTH-102	Cultural Anthropology
or ANTH-102H	Honors Cultural Anthropology
COMM-108	Intercultural Communication
or COMM-108H	Honors Intercultural Communication
GEOG-108	World Regional Geography
HIST-118	History of World Religions (formerly HUM-104 World Religions)
HIST-120	California History
or HIST-120H	Honors California History
HIST-160	Black History in the American Context
or HIST-160H	Honors Black History-American Context American Context
LIT-260	Introduction to African American Literature (formerly ENGL-260)
or LIT-260H	Honors Introduction to African American Literature (formerly ENGL-260H)
LIT-280	Multiethnic Literature (formerly ENGL-280)
or LIT-280H	Honors Multiethnic Literature (formerly ENGL-280H)
SOCI-101	Principles of Sociology
or SOCI-101H	Honors Principles of Sociology
SOCI-102	Contemporary Social Problems

Total Units 18-19

Course	Title	Credits
Units for Major		18-19
MSJC General Education Option B or C (p. 97)		37-39

Possible double counting: 18

Transferable Electives (as need to reach 60 CSU transferable units)

Total Units for A.A.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).

- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Requirements

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Social/Behavioral Sciences Program Description

This non-transfer interdisciplinary degree offers a range of coursework to prepare students who want to explore the social and behavioral sciences as a foundation of lifelong learning, or as an introduction to the related fields of Sociology, Psychology, Anthropology, Economics, History, Social Sciences and Political Science. For additional information, please see an MSJC counselor.

Social/Behavioral Sciences Program Page (<https://www.msjc.edu/socialbehavioralsciences/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students

are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)
1-800-624-5561
Counseling (951) 487-3255

Menifee Valley Campus

(951) 672-MSJC (6752)
1-800-452-3335
Counseling (951) 639-5255

Degrees/Certificates

Degrees

Non-Transfer Degrees

- Social/Behavioral Science, A.A. (p. 338)

Program Learning Outcomes

- Analyze the historical and philosophical foundations of the United States and California constitutions.
- Analyze and critique the theory and practice of the politics and government of the United States and California.
- Analyze and critique current political topics and issues.
- Examine the historical development of issues pertaining to race, gender, and immigration; and explain the legislative actions taken in response to them at the federal and state level.
- Analyze how historical developments have affected the rights, responsibilities, and choices of modern US citizens.
- Examine complex issues and discover the connections and correlations among ideas to advance toward a valid independent conclusion.
- Analyze real or potential problems and develop, evaluate, and test possible solutions and hypotheses using the scientific method where appropriate.
- Evaluate information by selection and using appropriate research methods and tools.
- Develop individual responsibility, personal integrity, and respect for diverse people and cultures.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Social/Behavioral Science, A.A.

Satisfactory completion of Mt. San Jacinto College's General Education Requirements Option A (p. 91), 60 degree-applicable units including at least 18 units in Area B.

AA.SOCB

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Social/Behavioral Science Courses		18
Electives (as needed to reach 60 units)		

All MSJC Honors course sections may be used in lieu of the regular approved course.

Course	Title	Credits
B1		
<i>History</i>		
HIST-111	U.S. History to 1877	3
HIST-112	U.S. History Since 1865	3
<i>Political Science</i>		
PS-101	Introduction to American Government and Politics	3
B2		
<i>Administration of Justice</i>		
AJ-101	Criminal Law	3
AJ-102	Introduction to Criminal Justice	3
AJ-111	Criminal Procedures	3
AJ-112	Introduction to Criminology	3
AJ-117	Introduction to Terrorism and Homeland Security	3
<i>Anthropology</i>		
ANTH-102	Cultural Anthropology	3
ANTH-104	World Prehistory	3
ANTH-105	North American Indians (formerly ANTH-103A)	3
ANTH-107	Indigenous People of Latin America (formerly ANTH-103D Latin American Cultures)	3
ANTH-115	Introduction to Archaeology	3
ANTH/HIST-121	California Indians	3
ANTH-125	Magic, Witchcraft and Religion	3
<i>Biology</i>		
BIOL/HIST-128	History of Science	3
<i>Child Development & Education</i>		
CDE-110	Child Development	3
CDE-118	Teaching in a Diverse Society (formerly Diversity and Equity in Early Childhood)	3
CDE-125	Child, Family and Community	3

CDE-540	Children and Youth With Exceptional Needs (formerly CDE-140)	3	HIST-142	History of Latin America Since 1820	3
<i>Communication</i>			HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	3
COMM-108	Intercultural Communication	3	HIST-151/DAN-100	History and Appreciation of Dance	3
COMM-110	Communications Media Survey	3	HIST-160	Black History in the American Context	3
COMM-116	Gender and Communication	3	HIST-165/THA-155	Musical Theater History	3
COMM-117	Organizational Communication (formerly Professional Communication)	3	<i>Legal</i>		
COMM-120	Survey of Communication Studies	3	LEG-100	Foundations of the Legal System	3
<i>Dance</i>			LEG-524	Immigration Law (formerly LEG-124)	3
DAN-100/HIST-151	History and Appreciation of Dance	3	<i>Nutrition</i>		
DAN-133	History of Popular Dance in the United States	3	NUTR-100	Family Nutrition	3
<i>Economics</i>			<i>Physical Education</i>		
ECON-201	Principles of Macroeconomics	3	PE-126	Sport Psychology	3
ECON-202	Principles of Microeconomics	3	<i>Political Science</i>		
ECON-203	Introduction to Environmental Economics	3	PS-101	Introduction to American Government and Politics	3
<i>Education</i>			PS-102	Comparative Politics and Government	3
ED-135	Introduction to Education	3	PS-103	Ethnic Politics in America	3
ED-136	Child Growth and Development During the School Years	3	PS-105	Introduction to Political Theory	3
<i>Geography</i>			PS-106	Introduction to International Relations	3
GEOG-102	Cultural Geography	3	PS-110	Introduction to Public Administration (formerly PA-101)	3
GEOG-107	Urban Geography	3	PS-120	California Government	3
GEOG-108	World Regional Geography	3	<i>Psychology</i>		
GEOG-111	Geography of California	3	PSYC-101	Introduction to Psychology	3
<i>Health Science</i>			PSYC-102	Personal Growth	3
HS-120	Introduction to Public Health (Health Science)	3	PSYC-103	Human Development	3
<i>History</i>			PSYC-104	Psychology of Gender	3
HIST-101	Western Civilization to 1650 (formerly Western Civilization I: to 1500)	3	PSYC/SOCI-105	Social Psychology	3
HIST-102	Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)	3	PSYC-107	Psychobiology	3
HIST-103	World History to 1500 (formerly History of World Civilizations to 1500)	3	PSYC-108	Abnormal Psychology	3
HIST-104	World History Since 1500	3	PSYC/SOCI-112	Gender and Social Interaction	3
HIST-106	The World Since 1900	3	<i>Social Justice Studies</i>		
HIST-107	The History of East Asia Before 1600	3	SJS-101	Introduction to Social Justice Studies	3
HIST-108	The History of East Asia Since 1600	3	<i>Sociology</i>		
HIST-111	U.S. History to 1877	3	SOCI-101	Principles of Sociology	3
HIST-112	U.S. History Since 1865	3	SOCI-102	Contemporary Social Problems	3
HIST-115	Women in United States History	3	SOCI-103	Marriage and the Family	3
HIST-117	History of India	3	SOCI/PSYC-105	Social Psychology	3
HIST-120	California History	3	SOCI-106	Intercultural Relations	3
HIST/ANTH-121	California Indians	3	SOCI-108	Human Sexuality	3
HIST-124	Recent America: The U.S. Since 1945	3	SOCI-110	Media and Society	3
HIST-125	Military History of the United States	3	SOCI/PSYC-112	Gender and Social Interaction	3
HIST/BIOL-128	History of Science	3	SOCI-115	Contemporary Chicano in Society	3
HIST/THA-136	Cultural History of American Motion Pictures	3	SOCI-125	Crime and Society	3
HIST-140	History of Mexico	3	<i>Theatre Arts</i>		
HIST-141	History of Latin America to 1820	3	THA/HIST-136	Cultural History of American Motion Pictures	3
			THA-155/HIST-165	Musical Theater History	3

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Sociology

Overview

Program Description

Sociology is the systemic study of social institutions, human groups, collective behavior, and social change. Within the sociology program, we examine the complexity of human life while exploring the interconnection of individuals, groups, society, and its institutions in relation to gender, sex, social class, race, ethnicity, and other demographic characteristics.

The program is designed to empower students in their understanding of sociology in preparation for transfer, development in a wide range of careers, or personal fulfillment. Analysis of the social systems that shape our lives offers valuable insight into the ways in which we navigate life. Sociological thought offers a diverse range of methodologies to broaden understanding of the ways in which societal forces influence daily life, both domestically and globally.

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)
 Maria Lopez (951) 487-3690
mlopez@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)
 Valerie Reed (951) 672-5690

vreed@msjc.edu

Degrees/Certificates

Degrees

Transfer Degrees

- Sociology, A.A.-T (p. 340)

Program Learning Outcomes

- Apply Sociological concepts and theoretical perspectives as they relate to modern daily life.
- Define and apply various Sociological concepts and theory to oral and/or written presentation of evaluated work.
- Define Sociology, its concepts and theoretical perspectives to oral and/or written presentation of evaluated work.
- Explore connections between institutional and societal (domestically and globally) developments in Sociology.
- Identify the various types of careers available with an undergraduate and/or graduate degree in Sociology.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Sociologists (D, M)	\$89,565	57
Sociology Teachers, Postsecondary (D, M)	\$96,487	9,203
Equal Opportunity Representatives and Officers (B)	\$72,597	202
Labor Relations Specialists (B, M)	\$77,651	442
Climate Change Analysts (B, M)	\$86,277	620
Social Science Research Assistants (B, M)	\$50,280	202

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Sociology, A.A.-T

Overview

An Associate in Arts in Sociology for Transfer will fulfill the requirements for students to transfer to the CSU system as a Sociology major.

AA.SOCI.OPTBAAT or AA.SOCI.OPTCAAT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
SOCI-121	Statistics for Behavioral Sciences	3
COMM-103	Interpersonal Communication	3
SOCI-101	Principles of Sociology	3
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
Units		16
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
SOCI-105	Social Psychology	3
SOCI-103	Marriage and the Family	3
PS-101	Introduction to American Government and Politics	3
PSYC-101	Introduction to Psychology	3
Units		15
Fall Semester 2		
LIT-280	Multiethnic Literature (formerly ENGL-280)	3
Select one of the following: 3		
SOCI-102	Contemporary Social Problems	
SOCI-112	Gender and Social Interaction	
SOCI-125	Crime and Society	
DAN-100	History and Appreciation of Dance	3
ENVS-101	Environmental Science	3
PSYC-124	Social Research Methodology With Lab (formerly Social Research Methodology)	4
Units		16
Spring Semester 2		
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
MUS-108	History of Jazz and Blues	3
HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	3
Select one of the following: 3		
SOCI-105	Social Psychology	
SOCI-108	Human Sexuality	
SOCI-110	Media and Society	

SOCI-115	Contemporary Chicano in Society	
Units		13
Total Units		60

UC: General Education Option C

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
SOCI-121	Statistics for Behavioral Sciences	3
COMM-100	Public Speaking	3
SOCI-101	Principles of Sociology	3
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
Units		16
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
SOCI-105	Social Psychology	3
SOCI-102	Contemporary Social Problems	3
MUS-108	History of Jazz and Blues	3
PSYC-101	Introduction to Psychology	3
Units		15
Fall Semester 2		
LIT-280	Multiethnic Literature (formerly ENGL-280)	3
Select one of the following: 3		
SOCI-106	Intercultural Relations	
SOCI-108	Human Sexuality	
SOCI-110	Media and Society	
SOCI-115	Contemporary Chicano in Society	
DAN-100	History and Appreciation of Dance	3
ENVS-101	Environmental Science	3
PSYC-124	Social Research Methodology With Lab (formerly Social Research Methodology)	4
Units		16
Spring Semester 2		
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	3
Select one of the following: 3		
SOCI-103	Marriage and the Family	
SOCI-112	Gender and Social Interaction	
SOCI-125	Crime and Society	
Select one of the following: 4		
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
Units		14
Total Units		61

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 (<https://catalog.msjc.edu/>)

search/?P=ASL-100) American Sign Language I, FREN-101 (<https://catalog.msjc.edu/search/?P=FREN-101>) Elementary French I or SPAN-101 (<https://catalog.msjc.edu/search/?P=SPAN-101>) Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Requirements

Course	Title	Credits
Required Core Courses		
SOCI-101 or SOCI-101H	Principles of Sociology Honors Principles of Sociology	3
Select two of the following:		6-7
MATH-140	Introduction to Statistics	
PSYC/SOCI-121	Statistics for Behavioral Sciences	
PSYC-124 or PSYC-124H	Social Research Methodology With Lab (formerly Social Research Methodology) Honors Social Research Methodology With Lab (formerly Honors Social Research Methodology)	
SOCI-102	Contemporary Social Problems	
List A: Select two		
Select two of the following:		6
Any REQUIRED CORE course not already used		
HIST-150 or HIST-150H	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History) Honors Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	
PSYC/SOCI-105 or PSYC-105H or SOCI-105H	Social Psychology Honors Social Psychology Honors Social Psychology	
SOCI-103	Marriage and the Family	
SOCI/PSYC-112	Gender and Social Interaction	
SOCI-125	Crime and Society	
List B: Select one		
Select any course from List A not already used above or one of the following courses:		3
ANTH-102 or ANTH-102H	Cultural Anthropology Honors Cultural Anthropology	
GEOG-102	Cultural Geography	
PSYC-101 or PSYC-101H	Introduction to Psychology Honors Introduction to Psychology	
SOCI-106	Intercultural Relations	
SOCI-108	Human Sexuality	
SOCI-110	Media and Society	
SOCI-115	Contemporary Chicano in Society	
Total Units		18-19

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.

- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

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3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Teacher Education and Developmental Studies Program Description

For many college students, working in a career where individuals can make a positive impact on children's development is an academic and professional goal. The Teacher Education and Developmental Studies (TEDS) Department is committed to being a leader and partner in preparing our community of diverse learners to become competent, caring, and reflective educators and professionals who will advocate for and empower children and families in the 21st century. Our certificate and degree programs offer both practical foundation and on-site training for students interested in working with children from infancy to adolescence.

The study of development and education will help you learn to think with rigor, write with objectivity and precision, and create with intention and purpose. TEDS offers a transfer degree in Elementary Education, Early Childhood Education, Child and Adolescent Development, and a non-transfer degree in Early Intervention and Inclusion. TEDS also offers certificates aligned with the California Child Development Permit Matrix and California Preschool Learning Foundations and Framework.

The following are considered to be essential functions for progression, and completion of the TEDS programs. In compliance with the American Disability Act and California Community Care Licensing, students enrolled

in TEDS programs must be, with reasonable accommodations, physically and mentally capable of performing the essential functions of the program in the classroom, during observations, and in their fieldwork setting. The essential functions listed are not intended as a complete listing, but a sample of the types of abilities, needed by the TEDS student, in order to meet the program objectives and requirements: Physical Demands - ability to lift 25 lbs or more, prolonged standing/walking, pushing, reaching, bending, kneeling, and crouching; Sensory Demands - ability to see clearly 25 feet or more and see 20 inches or less; Mental Demands - ability to function in busy environments, unpredictable situations, face occasional pressures and multiple requests from children and adults, and handle emergencies or crisis situations.

Students will also be required to provide documentation of influenza shot (TDap), pertussis, and measles immunization, as well as TB clearance to as required by SB792 in order to complete certain courses. Students may also be required to complete a DOJ fingerprint clearance process before they begin their OI or field experience courses.

Additionally, as part of course requirements, students should be aware that any criminal charge(s) on their record may prevent them from completing certain courses, obtaining their certificate or degree and becoming employed in any occupation involving children.

All California State Permit eligible coursework including the state-required General Education coursework must be completed with a minimum grade of "C" (2.0) or above. For more information on permit requirements visit: www.childdevelopment.org.

Please contact a TEDS faculty member or go to msjc.edu/TEDS for a copy of the TEDS Handbook with additional details about our program's requirements and recommendations that will support your student success.

Teacher Education and Development Studies Department Page (<https://www.msjc.edu/teachereducationanddevelopmentalstudies/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Continuing Education

Course	Title	Credits
CDE-119	Infant and Toddler Growth and Development	3
CDE-120	Infant and Toddler Education and Care	3
CDE-126	Administration and Supervision of Early Childhood Education Programs I	3
CDE-128	Administration and Supervision of Early Childhood Education Programs II	3

CDE/LIT-131 or CDE-131H	Children's Literature Honors Children's Literature	3
CDE-134	Adult Supervision	2
CDE-299	Special Projects: Child Development and Education	0.5-3
CDE-593	Art for the Young Child (formerly CDE-093)	3
CDE-595	Science and Math in Early Childhood (formerly CDE-095)	3
ED/LIT-132 or ED-132H	Adolescent Literature Honors Adolescent Literature	3
ED-135	Introduction to Education	3
ED-136	Child Growth and Development During the School Years	3
ED-597	Curriculum and Program Planning for School-Age Child Care (formerly ED-097)	3

Child Development Permit

The State of California Teacher Permits have additional requirements over and above the requirements for the TEDs Certificates. Please see a TEDS faculty member or the CDE Credentialing website at <https://www.ctc.ca.gov/credentials/req-child-dev/> for additional information.

Contact Information

San Jacinto Campus
(951) 487-MSJC (6752)
1-800-452-3335
Lorraine Slattery (951) 487-3615
lslattery@msjc.edu
childdeveducation@msjc.edu

Menifee Valley Campus
(951) 672-MSJC (6752)
1-800-452-3335
Lorraine Slattery (951) 487-3615
lslattery@msjc.edu
childdeveducation@msjc.edu

Degrees/Certificates

Degrees

Transfer Degrees

- Child and Adolescent Development, A.A.-T (p. 344)
- Early Childhood Education, A.S.-T (p. 346)
- Elementary Teacher Education, A.A.-T (p. 347)

Non-Transfer Degrees

- Early Intervention and Inclusion, A.S. (p. 349)

Certificates

- Associate Teacher Low-Unit Certificate (p. 350)
- Early Intervention and Inclusion Certificate (p. 351)
- Infant Toddler Teacher Low-Unit Certificate (p. 352)
- Teacher Certificate (p. 353)

Program Learning Outcomes

- Develop and effectively communicate a philosophy of education based on research and developmental theories that demonstrate a commitment to developmentally appropriate and responsive practice.
- Become permit and/or transfer eligible and thus prepared to enter the workforce.
- Demonstrate a commitment to lifelong learning including personal and professional development and responsibility.
- Demonstrate an understanding of and advocate for the diverse needs of children and families within the context of a rapidly changing and highly diverse society.
- Demonstrate professionalism based upon the NAEYC Code of Ethics.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Preschool Teacher (A)	\$33,061	6,584
Elementary Education Teacher (B)	\$77,809	13,022
Early Childhood Education Administrator (A)	\$47,449	787

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Child and Adolescent Development, A.A.-T

The Associate in Arts in Child and Adolescent Development for Transfer degree is designed to fulfill the undergraduate requirements for students planning to major or minor in child and adolescent development or transfer to the CSU system. The Child and Adolescent Development degree provides students comprehensive understanding of a broad range human development domains including social, cognitive, physical, and culture for children and adolescence. The degree provides a broad undergraduate preparation for students interested in child and adolescent care and education, elementary education, special education, and a variety of youth-related social service careers.

AA.CDE.CAD.OPTBAAT or AA.CDE.CAD.OPTCAAT

Program Map Design Your Future!

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by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSUSM: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-140	Introduction to Statistics	3
MUS-109	World Music	3
PSYC-101	Introduction to Psychology	3
CDE-101	Principles of Early Childhood Education	3
Units		16
Spring Semester 1		
CDE-125	Child, Family and Community	3
COMM-100	Public Speaking	3
CDE-110	Child Development	3
ENGL-103	Critical Thinking and Writing	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
Units		16
Fall Semester 2		
Select one of the following:		4
SPAN-102	Elementary Spanish II	
FREN-102	Elementary French II	
ASL-101	American Sign Language II	
BIOL-115	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
GEOG-101	Physical Geography	3
CDE-103	Appropriate Curricula for Young Children	3
Units		14
Spring Semester 2		
HIST-160	Black History in the American Context	3
PS-101	Introduction to American Government and Politics	3
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
Select one of the following:		4
SPAN-201	Intermediate Spanish I	
FREN-201	Intermediate French I	
ASL-201	American Sign Language III (formerly ASL-103)	
CDE-299	Special Projects: Child Development and Education	1
Units		14
Total Units		60

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements. CSUSM Grad Requirements: Language (<https://www.csusm.edu/academicadvising/gradrequirements/language/>)

UC: General Education Option C

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-140	Introduction to Statistics	3
MUS-100	Introduction and Appreciation of Music	3
PSYC-101	Introduction to Psychology	3
CDE-110	Child Development	3
Units		16
Spring Semester 1		
PHIL-101	Introduction to Philosophy I	3
ENGL-103	Critical Thinking and Writing	3
ASTR-101	Introduction to Astronomy	4
SPAN-101	Elementary Spanish I	4
COMM-100	Public Speaking	3
Units		17
Fall Semester 2		
LIT-132	Adolescent Literature (formerly ENGL-132)	3
BIOL-115	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
PSYC-124	Social Research Methodology With Lab (formerly Social Research Methodology)	4
ANTH-102	Cultural Anthropology	3
GEOG-102	Cultural Geography	3
Units		17
Spring Semester 2		
PSYC-103	Human Development	3
LIT-280	Multiethnic Literature (formerly ENGL-280)	3
HS-121	Fundamentals of Healthful Living	3
NUTR-100	Family Nutrition	3
Units		12
Total Units		62

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I, or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Requirements

Course	Title	Credits
Required Core Courses		
CDE-110	Child Development	3
or CDE-110H	Honors Child Development	
MATH-140	Introduction to Statistics	3
PSYC-101	Introduction to Psychology	3

or PSYC-101H Honors Introduction to Psychology

List A : Select Three Courses

Select three of the following:		9
ANTH-102	Cultural Anthropology	
or ANTH-102H	Honors Cultural Anthropology	
BIOL-100	Human Biology	
BIOL-115	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	
or BIOL-115H	Honors Introductory Topics in Biology: Cells to Ecosystems (formerly Honors Topics in Biology)	
BIOL-150	General Biology I	
or BIOL-150H	Honors General Biology I	
BIOL-151	General Biology II	
or BIOL-151H	Honors General Biology II	
CDE-101	Principles of Early Childhood Education	
CDE-103	Appropriate Curricula for Young Children	
CDE-125	Child, Family and Community	
or CDE-125H	Honors Child, Family and Community	
CDE-147	Observation and Assessment in Early Childhood Education	
GEOG-101	Physical Geography	
GEOG-102	Cultural Geography	
GEOG-108	World Regional Geography	
HIST-150	Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	
or HIST-150H	Honors Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)	
HS-121	Fundamentals of Healthful Living	
NUTR-100	Family Nutrition	
NUTR-101	Introduction to Nutrition Science (formerly Nutrition and Foods)	
or NUTR-101H	Honors Introduction to Nutrition Science (formerly Nutrition and Foods)	
PSYC-103	Human Development	
or PSYC-103H	Honors Human Development	
Total Units		18-19

Course	Title	Credits
Units for Major		18-19
CSU General Education or IGETC Pattern (p. 97)		37-39

Possible double counting: 15-19 units

Transferrable Electives (as needed to reach 60 CSU transferable units)

Total Units for A.A.-T Degree 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).

- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

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3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Early Childhood Education, A.S.-T

An Associate in Science degree in Early Childhood Education for Transfer will fulfill the requirements for students to transfer to a four-year college or university as a Early Childhood Education major.

AS.ECE.OPTBAST and AS.ECE.OPTCAST

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
CDE-110	Child Development	3
CDE-101	Principles of Early Childhood Education	3
ENGL-101	College Composition (formerly Freshman Composition)	4
BIOL-115	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4

HIST-160	Black History in the American Context	3
Units		17
Spring Semester 1		
CDE-125	Child, Family and Community	3
CDE-103	Appropriate Curricula for Young Children	3
PSYC-101	Introduction to Psychology	3
CDE-131	Children's Literature	3
MATH-140	Introduction to Statistics	3
Units		15
Summer 1		
Select one of the following:		3
PS-101	Introduction to American Government and Politics	
HIST-111	U.S. History to 1877	
HIST-112	U.S. History Since 1865	
Units		3
Fall Semester 2		
CDE-147	Observation and Assessment in Early Childhood Education	3
CDE-118	Teaching in a Diverse Society (formerly Diversity and Equity in Early Childhood)	3
COMM-100	Public Speaking	3
SPAN-101	Elementary Spanish I	4
ENGL-103	Critical Thinking and Writing	3
Units		16
Spring Semester 2		
CDE-111	Child Health, Safety and Nutrition	3
CDE-148	Supervised Field Experience: Student Teaching	3
ENVS-100	Humans and Scientific Inquiry	3
MUS-109	World Music	3
Units		12
Total Units		63

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

Requirements

Course	Title	Credits
Required Core Courses		
CDE-101	Principles of Early Childhood Education	3
CDE-103	Appropriate Curricula for Young Children	3
CDE-110	Child Development	3
or CDE-110H	Honors Child Development	
CDE-111	Child Health, Safety and Nutrition	3
CDE-118	Teaching in a Diverse Society (formerly Diversity and Equity in Early Childhood)	3
CDE-125	Child, Family and Community	3
or CDE-125H	Honors Child, Family and Community	
CDE-147	Observation and Assessment in Early Childhood Education	3

CDE-148	Supervised Field Experience: Student Teaching	3
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Total Units		24
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Course	Title	Credits
Units for Major		24
CSU General Education or IGETC Pattern (p. 97)		37-39

Possible double counting: 6 units

Transferable Electives (as needed to reach 60 CSU transferable units)

Total Units for A.S.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
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Elementary Teacher Education, A.A.-T

AA-T in Elementary Education degree is designed to allow students to develop depth in concepts related to teaching in contemporary schools, Kindergarten through 12th grade. Students will be prepared to work in the field of educations such as a K-12 Educator, Education Administrator, Special Educator Teacher and School Counselors. Upon

successful completion of courses leading to the Elementary Teacher Education AA-T Degree the student will be able to know and understand the established as well as recent theories of child development and apply human development theory to observation and practice. The successful student will be able to analyze and think critically about the teacher's role in early learning and development settings.

AA.CDE.ETE.OPTBAAT or AA.CDE.ETE.OPTCAAT

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- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-155	Mathematics for Elementary Teaching (formerly Mathematics for Elementary Teaching I)	3
MUS-100	Introduction and Appreciation of Music	3
CDE-110	Child Development	3
Units		13
Spring Semester 1		
GEOG-108	World Regional Geography	3
COMM-100	Public Speaking	3
PHY-101	Basic Physics: Energy and Motion	4
ENGL-103	Critical Thinking and Writing	3
HIST-103	World History to 1500 (formerly History of World Civilizations to 1500)	3
Units		16
Fall Semester 2		
LIT-106	Introduction to Literature (formerly ENGL-106)	3
GEOL-106	Earth Science	4
CHEM-100	Introduction to Chemistry	4
PSYC-101	Introduction to Psychology	3
Units		14
Spring Semester 2		
HIST-160	Black History in the American Context	3
HIST-111	U.S. History to 1877	3
PS-101	Introduction to American Government and Politics	3
BIOL-115	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4

ED-138	Introduction to Elementary Classroom Teaching and Fieldwork (formerly Practicum in Elementary and Secondary Settings)	3
CDE-299	Special Projects: Child Development and Education	1
Units		17
Total Units		60

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

UC: General Education Option C

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-105	College Algebra	4
MUS-100	Introduction and Appreciation of Music	3
CDE-110	Child Development	3
GEOG-108	World Regional Geography	3
Units		17
Spring Semester 1		
HIST-103	World History to 1500 (formerly History of World Civilizations to 1500)	3
ENGL-103	Critical Thinking and Writing	3
PHY-101	Basic Physics: Energy and Motion	4
COMM-100	Public Speaking	3
SPAN-101	Elementary Spanish I	4
Units		17
Fall Semester 2		
LIT-106	Introduction to Literature (formerly ENGL-106)	3
CHEM-100	Introduction to Chemistry	4
HIST-111	U.S. History to 1877	3
PS-101	Introduction to American Government and Politics	3
Units		13
Spring Semester 2		
GEOL-106	Earth Science	4
MATH-155	Mathematics for Elementary Teaching (formerly Mathematics for Elementary Teaching I)	3
BIOL-115	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
ED-138	Introduction to Elementary Classroom Teaching and Fieldwork (formerly Practicum in Elementary and Secondary Settings)	3
Units		14
Total Units		61

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Requirements

Course	Title	Credits
Required Core Courses		
BIOL-115 or BIOL-115H	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology) Honors Introductory Topics in Biology: Cells to Ecosystems (formerly Honors Topics in Biology)	4
CDE-110 or CDE-110H	Child Development Honors Child Development	3
CHEM-100	Introduction to Chemistry	4
COMM-100 or COMM-100H	Public Speaking Honors Public Speaking	3
ED-138	Introduction to Elementary Classroom Teaching and Fieldwork (formerly Practicum in Elementary and Secondary Settings)	3
ENGL-101 or ENGL-101H	College Composition (formerly Freshman Composition) Honors College Composition (formerly Freshman Composition)	4
GEOG-108	World Regional Geography	3
GEOL-106	Earth Science	4
HIST-103 or HIST-103H	World History to 1500 (formerly History of World Civilizations to 1500) Honors World History to 1500 (formerly Honors History of World Civilizations to 1500)	3
HIST-111 or HIST-111H	U.S. History to 1877 Honors U.S. History to 1877	3
LIT-106 or LIT-106H	Introduction to Literature (formerly ENGL-106) Honors Introduction to Literature (formerly ENGL-106H)	3
MATH-155	Mathematics for Elementary Teaching (formerly Mathematics for Elementary Teaching I)	3
PHY-101	Basic Physics: Energy and Motion	4
PS-101 or PS-101H	Introduction to American Government and Politics Honors Introduction to American Government and Politics	3
List A: Select one		
Select one of the following:		3
ENGL-103 or ENGL-103H	Critical Thinking and Writing Honors Critical Thinking and Writing	
PHIL-112	Critical Thinking and Composition	
List B: Select one		
Select one of the following:		3
ART-100	Art Appreciation	

DAN-100/HIST-151	History and Appreciation of Dance
MUS-100	Introduction and Appreciation of Music
or MUS-100H	Honors Introduction and Appreciation of Music
THA-101	Introduction to Theater
or THA-101H	Honors Introduction to Theater

Total Units 53

Course	Title	Credits
Units for Major		53
MSJC General Education Option B or C (p. 97)		37-39

Possible double counting: 34

Transferable Electives (as need to reach 60 CSU transferable units)

Total Units for A.A.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Early Intervention and Inclusion, A.S.

The Early Intervention and Inclusion Associate of Science Degree (AS-EII) is designed to prepare students to work as early childhood paraprofessionals with expertise in special education and early

intervention. Early intervention provides assistance at the first warning signs of educational difficulty to prevent further impediment. Children who receive early intervention services can significantly benefit in lowering the severity of physical, speech, intellectual, and behavioral development issues. The Bureau of Labor Statistic reports that special education jobs will grow by six percent through 2024, and early intervention specialists should find favorable prospects as more children with disabilities are being diagnosed earlier.

AS.CDE.EI&I

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

Course	Title	Units
Fall Semester 1		
CDE-110	Child Development	3
CDE-101	Principles of Early Childhood Education	3
ENGL-101	College Composition (formerly Freshman Composition)	4
BIOL-115	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
CDE-131	Children's Literature	3
Units		17
Spring Semester 1		
CDE-125	Child, Family and Community	3
CDE-103	Appropriate Curricula for Young Children	3
MATH-140	Introduction to Statistics	3
ENGL-103	Critical Thinking and Writing	3
LIT-132	Adolescent Literature (formerly ENGL-132)	3
Units		15
Fall Semester 2		
CDE-147	Observation and Assessment in Early Childhood Education	3
CDE-143	Supporting Children Who Have Challenging Behaviors	3
CDE-119	Infant and Toddler Growth and Development	3
LEAD-501	Advanced Leadership Skills (formerly LEAD-102)	3
CDE-118	Teaching in a Diverse Society (formerly Diversity and Equity in Early Childhood)	3
Units		15

Spring Semester 2

CDE-544	Curriculum and Strategies for Children With Special Needs (formerly CDE-144 Supervised Field Experience/Internship in Early Intervention and Inclusion)	3
CDE-540	Children and Youth With Exceptional Needs (formerly CDE-140)	3
HIST-112	U.S. History Since 1865	3
CDE-120	Infant and Toddler Education and Care	3
NUTR-100	Family Nutrition	3
Units		15
Total Units		62

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Early Intervention and Inclusion Courses		27
General Education Courses		16
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		
CDE-101	Principles of Early Childhood Education ¹	3
CDE-103	Appropriate Curricula for Young Children ^{1,2}	3
CDE-110	Child Development ¹	3
or CDE-110H	Honors Child Development	
CDE-119	Infant and Toddler Growth and Development	3
CDE-125	Child, Family and Community ¹	3
or CDE-125H	Honors Child, Family and Community	
CDE-540	Children and Youth With Exceptional Needs (formerly CDE-140)	3
CDE-143	Supporting Children Who Have Challenging Behaviors ²	3
CDE-544	Curriculum and Strategies for Children With Special Needs (formerly CDE-144 Supervised Field Experience/Internship in Early Intervention and Inclusion)	3
CDE-147	Observation and Assessment in Early Childhood Education ²	3
General Education Courses		
Students must complete one or more courses from each of the following areas:		16
1) Humanities		
2) Social Sciences		
3) Science and/or Mathematics (96 or above)		
4) ENGL-101 or above		
Total Units		43

- ¹ These are considered the core courses.
- ² These courses have prerequisites.
- ³ Indicates that prior TB and criminal record clearance must be shown. (It is recommended that students begin this clearance process while enrolled in CDE-101 Principles of Early Childhood Education).

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Associate Teacher Low-Unit Certificate

The Associate Teacher Certificate is designed to be the first step toward obtaining entry-level employment in the field of Early Childhood Education in a preschool or child care setting. The Associate Teacher Certificate requires 12 core Child Development and Education units. This Certificate meets California Title 5 requirements for the Child Development Associate Teacher Permit.

Applications can be obtained through the California Commission on Teacher Credentialing Office. Meets Title 22 requirements for working in a child care center working with preschool-aged children 101216.1. Some courses require students to observe children in licensed care settings. Some settings may require TB, proof of immunizations, and Criminal Record Clearance.

CT.CDE.AT

**Program Map
Design Your Future!**

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
CDE-110	Child Development	3
CDE-101	Principles of Early Childhood Education	3
CDE-125	Child, Family and Community	3

CDE-103	Appropriate Curricula for Young Children ¹	3
	Units	12
	Total Units	12

¹ NOTE: take in the second 8 weeks

Requirements

Course	Title	Credits
Required Courses		
CDE-101	Principles of Early Childhood Education	3
CDE-103	Appropriate Curricula for Young Children	3
CDE-110	Child Development	3
or CDE-110H	Honors Child Development	
CDE-125	Child, Family and Community	3
or CDE-125H	Honors Child, Family and Community	
Total Units		12

Career Exploration

Discover information about careers that interest you!

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2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Associate Teacher Low Unit

Gainful Employment Disclosures – 2021

Program Name ASSOCIATE TEACHER LOW UNIT

This program is designed to be completed in 4 months.

This program will cost \$552 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$ 0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Early Intervention and Inclusion Certificate

The Early Intervention and Inclusion Certificate prepares students to be trained educators who work with infants to children 8 years of age and who are faced with developmental delays and/or physical disabilities. Early intervention provides assistance at the first warning signs of educational difficulty to prevent further impediment. Students who complete the certificate may consider completing the remaining general education coursework in order to achieve the Associate of Science Degree in Early Intervention and Inclusion.

CT.CDE.EI&I

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
CDE-110	Child Development	3
CDE-101	Principles of Early Childhood Education	3
CDE-125	Child, Family and Community	3
CDE-103	Appropriate Curricula for Young Children	3
ENGL-101	College Composition (formerly Freshman Composition)	4
	Units	16
Spring Semester 1		
CDE-540	Children and Youth With Exceptional Needs (formerly CDE-140)	3
CDE-131	Children's Literature	3
CDE-147	Observation and Assessment in Early Childhood Education	3
CDE-119	Infant and Toddler Growth and Development	3

MATH-115	Ideas of Mathematics	3
Units		15
Fall Semester 2		
CDE-544	Curriculum and Strategies for Children With Special Needs (formerly CDE-144 Supervised Field Experience/Internship in Early Intervention and Inclusion)	3
CDE-143	Supporting Children Who Have Challenging Behaviors	3
BIOL-115	Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)	4
HIST-112	U.S. History Since 1865	3
Units		13
Total Units		44

Requirements

Course	Title	Credits
Required Courses		
CDE-101	Principles of Early Childhood Education ¹	3
CDE-103	Appropriate Curricula for Young Children ^{1,2}	3
CDE-110	Child Development ¹	3
or CDE-110H	Honors Child Development	
CDE-119	Infant and Toddler Growth and Development	3
CDE-125	Child, Family and Community ¹	3
or CDE-125H	Honors Child, Family and Community	
CDE-540	Children and Youth With Exceptional Needs (formerly CDE-140)	3
CDE-143	Supporting Children Who Have Challenging Behaviors ²	3
CDE-544	Curriculum and Strategies for Children With Special Needs (formerly CDE-144 Supervised Field Experience/Internship in Early Intervention and Inclusion)	3
CDE-147	Observation and Assessment in Early Childhood Education ²	3
Subtotal		27
General Education Courses		
Students must complete one or more courses from each of the following areas:		16
1) Humanities		
2) Social Sciences		
3) Science and/or Mathematics (96 or above)		
4) ENGL-101 or above		
Subtotal		16
Total Units		43

¹ These are considered the core courses.

² These courses have prerequisites.

³ Indicates that prior TB and criminal record clearance must be shown. (It is recommended that students begin this clearance process while enrolled in CDE-101 Principles of Early Childhood Education).

Career Exploration

Discover information about careers that interest you!

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3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Early Intervention and Inclusion

Gainful Employment Disclosures – 2021

Program Name EARLY INTERVENTION AND INCLUSION

This program is designed to be completed in 16 months.

This program will cost \$1,978 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$ 0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Infant Toddler Teacher Low-Unit Certificate

The Infant Toddler Teacher Certificate coursework is designed to equip students with an overall social, emotional, cognitive, physical growth and

development focused on infants and toddlers, up to age 3. Certificate coursework also includes overall best practice with infants and toddlers, quality environments, responsive care and appropriate curriculum development. The Infant Toddler Teacher Certificate coursework requires 15 core Child Development and Education units including 6 units focused on Infant and Toddler growth, development and care. This Infant Toddler Certificate meets California Title 5 education requirements for the Child Development Associate Teacher Permit for those working specifically with children ages birth to age 3. Additional work experience with young children (175 days of 3 hours per day within 4 years) is currently required to qualify for state permit. Applications can be obtained through the California Commission on Teacher Credentialing.

CT.CDE.ITT

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
CDE-110	Child Development	3
CDE-101	Principles of Early Childhood Education	3
CDE-125	Child, Family and Community	3
Units		9
Spring Semester 1		
CDE-119	Infant and Toddler Growth and Development	3
CDE-120	Infant and Toddler Education and Care	3
Units		6
Total Units		15

Requirements

Course	Title	Credits
Required Courses		
CDE-101	Principles of Early Childhood Education	3
CDE-110	Child Development	3
or CDE-110H	Honors Child Development	
CDE-119	Infant and Toddler Growth and Development	3
CDE-120	Infant and Toddler Education and Care	3
CDE-125	Child, Family and Community	3
or CDE-125H	Honors Child, Family and Community	
Total Units		15

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Teacher

Gainful Employment Disclosures – 2021

Program Name INFANT TODDLER TEACHER LOW UNIT

This program is designed to be completed in 8 months.

This program will cost \$690 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$ 0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Teacher Certificate

The Teacher Certificate is designed to be the next step toward obtaining mid-level employment in the field of Early Childhood Education in a preschool or childcare setting. The Teacher Certificate requires 24 core Child Development and Education units. This Certificate meets the Child Development Education units for California Title 5 requirements for the Child Development Teacher Permit.

Applications can be obtained through the California Commission on Teacher Credentialing Office. Meets Title 22 requirements for working in

a child care center working with preschool-aged children 101216.1. Some courses require students to observe children in licensed care settings. Some settings may require TB, proof of immunizations, and Criminal Record Clearance.

CT.CDE.T

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
CDE-110	Child Development	3
CDE-101	Principles of Early Childhood Education	3
CDE-125	Child, Family and Community	3
CDE-103	Appropriate Curricula for Young Children ¹	3
Units		12
Spring Semester 1		
CDE-111	Child Health, Safety and Nutrition	3
CDE-118	Teaching in a Diverse Society (formerly Diversity and Equity in Early Childhood)	3
CDE-147	Observation and Assessment in Early Childhood Education	3
Units		9
Fall Semester 2		
CDE-148	Supervised Field Experience: Student Teaching	3
Units		3
Total Units		24

¹ NOTE: take in the second 8 weeks

Requirements

Course	Title	Credits
Required Courses		
CDE-101	Principles of Early Childhood Education	3
CDE-103	Appropriate Curricula for Young Children	3
CDE-110	Child Development	3
or CDE-110H	Honors Child Development	
CDE-111	Child Health, Safety and Nutrition	3
CDE-118	Teaching in a Diverse Society (formerly Diversity and Equity in Early Childhood)	3
CDE-125	Child, Family and Community	3
or CDE-125H	Honors Child, Family and Community	
CDE-147	Observation and Assessment in Early Childhood Education	3

CDE-148	Supervised Field Experience: Student Teaching	3
Total Units		24

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Teacher

Gainful Employment Disclosures – 2021

Program Name TEACHER

This program is designed to be completed in 8 months.

This program will cost \$1,104 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$ 0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Theater Arts

Program Description

View on YouTube (<https://www.youtube.com/watch?v=J5c53x3UVd4>)

Everything you do in life involves elements of theater from developing social skills as a child to interviewing for a job as an adult. The study of theater arts offers a number of advantages such as improved oral communication; a healthy self-image; creative problem solving; working cooperatively and independently; the ability to learn quickly; adaptability and flexibility; a goal-oriented approach to work to name a few; and let's not forget FUN! There is a great deal of fun involved with developing all those skills. The Theater Arts Program offers one transfer degree: A.A.-T in Theater Arts, two non-transfer degrees: A.A. in Musical Theater and A.S. in Technical Theater, and two certificates: Musical Theater and Technical Theater. The courses are designed to provide a transfer path to a four-year college or entrance to the entertainment industry workforce while also offering non-theater majors the opportunity to gain the confidence and aesthetic awareness that can benefit any career path.

Theater Arts Department Page (<https://www.msjc.edu/theaterarts/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Related-Content Groups

(4 attempts within a related-content group/each course 1 time for credit unless otherwise noted)

Course	Title	Credits
Acting		
THA-110	Fundamentals of Acting	3
THA-111	Intermediate Acting	3
THA-112	Acting for Film and Television	3
THA-132	(thru SU19)	
Musical Theater Production		
DAN/MUS/THA-209	(thru SU16)	
DAN-216	Musical Theater Production: Dance	1-3
MUS-216	Musical Theater Production: Music	1-3
THA-216	Musical Theater Production: Theater ¹	1-3
Theater Production		
THA-200	(thru SU21)	
THA-201	Rehearsal and Performance (THA-200:: (thru SU21)) ¹	3
THA-205	(thru SU21)	

DAN/MUS/THA-209 (thru SU16)

THA-216 Musical Theater Production: Theater¹ 1-3

Voice and Movement

COMM/THA-105 (thru SU16)

COMM-129/THA-127 Reader's Theater 3

DAN/THA-108 Improvisation for Dance and Theater 3

THA-109 (thru SU19)

¹ Repeatable 4 times for credit.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)

1-800-624-5561

Dean of Instruction, Academic Programs

(951) 487-3400

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Shezwae Powell

(951) 639-5793

spowell@msjc.edu

Degrees/Certificates

Degrees

Transfer Degree

- Theatre Arts, A.A-T (p. 356)

Non-Transfer Degree

- Technical Theater, A.S. (p. 357)

Certificate

- Technical Theater Certificate (p. 358)

Program Learning Outcomes

- Develop an aesthetic awareness through theater.
- Develop an appreciation for theatre through critical analysis of the performing arts.
- Develop essential skills in the craft of theater.
- Develop knowledge regarding the cultural, artistic and expressive contexts of theater.
- Develop skill and gain experience in musical performance.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Actor (A+)	\$31,546	1,861
Director (A+)	\$89,083	3,542
Set and Exhibit Designer (A+)	\$52,904	377

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Theatre Arts, A.A-T

An Associate in Arts in Theatre Arts for Transfer Degree (A.A.-T or ADT) will fulfill the requirements for students to transfer to a CSU institution as a Theater Arts major. The courses in the A.A.-T in Theatre Arts provide students with an ability to solve quantitative problems and think critically regarding macro and micro Theater Arts ideas and issues they encounter and to demonstrate problem solving through the means of problem based activities.

AA.THA.OPTBAAT or AA.THA.OPTCAAT

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-115	Ideas of Mathematics	3
THA-110	Fundamentals of Acting	3
THA-101	Introduction to Theater	3
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
Units		16
Spring Semester 1		
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
ENGL-103	Critical Thinking and Writing	3
THA-102	Theater History	3
THA-201	Rehearsal and Performance	3
PSYC-104	Psychology of Gender	3
Units		15
Fall Semester 2		
DAN-123A	Beginning Jazz Dance	2
ENVS-102	Environmental Science Laboratory	1
THA-120	Stage Lighting	3

THA-111	Intermediate Acting	3
THA-122	Stage Makeup	3
ENVS-101	Environmental Science	3
Units		15
Spring Semester 2		
PS-101	Introduction to American Government and Politics	3
Select one of the following:		3
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
HIST-160	Black History in the American Context	
THA-117 or THA-121	Stagecraft or Costume Construction	3
DAN-127A	Intermediate Jazz Dance (formerly DAN-127)	2
ANTH-101	Physical Anthropology	3
Units		14
Total Units		60

Language Requirement: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

UC: General Education Option C

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-115	Ideas of Mathematics	3
THA-101	Introduction to Theater	3
ANTH-111	Physical Anthropology Lab	1
ANTH-101	Physical Anthropology	3
Units		14
Spring Semester 1		
COMM-104	Argumentation and Debate (formerly Advocacy and Argument)	3
ENGL-103	Critical Thinking and Writing	3
THA-102	Theater History	3
THA-110	Fundamentals of Acting	3
THA-201	Rehearsal and Performance	3
Units		15
Fall Semester 2		
ENVS-101	Environmental Science	3
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
THA-216	Musical Theater Production: Theater	3
THA-111	Intermediate Acting	3
THA-122	Stage Makeup	3
Units		15
Spring Semester 2		
PS-101	Introduction to American Government and Politics	3

THA-136	Cultural History of American Motion Pictures	3
THA-155	Musical Theater History	3
Select one of the following:		4
SPAN-101	Elementary Spanish I	
FREN-101	Elementary French I	
ASL-100	American Sign Language I	
THA-117	Stagecraft	3
Units		16
Total Units		60

NOTE: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Requirements

Course	Title	Credits
Required Core Courses		
Select one of the following:		3
THA-101	Introduction to Theater	
THA-101H	Honors Introduction to Theater	
THA-102/HIST-154	Theater History	
THA-110	Fundamentals of Acting	3
THA-201	Rehearsal and Performance	3
List A: Select three		
Select three of the following:		9
THA-111	Intermediate Acting	
THA-117	Stagecraft	
THA-120	Stage Lighting	
THA-121	Costume Construction	
THA-122	Stage Makeup	
THA-123	Introduction to Scene Design (formerly Models and Rendering)	
Total Units		18

Course	Title	Credits
Units for Major		18
CSU General Education or IGETC Pattern		37-39

Possible double counting: 3-6 units

Transferable Electives (as needed to reach 60 CSU transferable units)

Total Units for A.A.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).

- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Technical Theater, A.S.

The Technical Theater A.S. Degree will prepare students for a career in performing arts productions specifically entailing set construction and painting, lighting design, operation and rigging of lighting instruments, costume design and construction, makeup application, and sound recording and reproduction. Students will develop the practical and aesthetic skills necessary for employment in scene shops, costume shops, recording studios, professional theaters, college theaters, film/television studios, theme parks, and other venues. Students will also build the foundation necessary for transfer to a baccalaureate program in these or related fields of study.

AS.TTHE

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-115	Ideas of Mathematics	3
THA-117	Stagecraft	3
DAN-120	Conditioning and Alignment for Dance	2
THA-101	Introduction to Theater	3
PE-112	Body Conditioning	1
Units		16
Spring Semester 1		
CSIS-111B	Fundamentals of Computer Programming	3
THA-136	Cultural History of American Motion Pictures	3
HIST-111	U.S. History to 1877	3
AUD/MUS-140	Beginning Studio Recording	3
THA-120	Stage Lighting	3
Units		15
Fall Semester 2		
THA-124	Scenic Painting	3
ENVS-100	Humans and Scientific Inquiry	3
THA-216	Musical Theater Production: Theater	3
THA-118	Stage Management	3
THA-122	Stage Makeup	3
Units		15
Spring Semester 2		
DAN-100	History and Appreciation of Dance	3
THA-201	Rehearsal and Performance	2
THA-155	Musical Theater History	3
THA-135	Introduction to Film	3
THA-121	Costume Construction	3
Units		14
Total Units		60

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Technical Theater Courses		12
Technical Theater Electives		6
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		
AUD-140 or MUS-140	Beginning Studio Recording	3
THA-117	Stagecraft	3
THA-120	Stage Lighting	3

THA-121	Costume Construction	3
Elective Courses		
Select two of the following:		
THA-118	Stage Management	3
THA-122	Stage Makeup	3
THA-123	Introduction to Scene Design (formerly Models and Rendering)	3
THA-124	Scenic Painting	3
Total Units		18

Career Exploration

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3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Technical Theater Certificate

The Certificate program in Technical Theater will prepare students for a career in performing arts productions specifically entailing set construction, lighting rigging, costume construction, makeup application, and sound recording and reproduction. Students will develop practical and aesthetic skills necessary for employment in scene shops, costume shops, and recording studios in professional theaters, college theaters, film-television studios, theme parks, and other venues. The courses entailed in the certificate are at the core of the AS Non Transfer Degree in Technical Theater. Students can choose to continue and build the foundation necessary for transfer to a baccalaureate program in these or related fields of study.

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Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
AUD-140	Beginning Studio Recording	3
THA-117	Stagecraft	3

THA-120	Stage Lighting	3
THA-121	Costume Construction	3
Units		12
Spring Semester 1		
Select two of the following:		6
THA-118	Stage Management	
THA-122	Stage Makeup	
THA-123	Introduction to Scene Design (formerly Models and Rendering)	
THA-124	Scenic Painting	
Units		6
Total Units		18

Requirements

Course	Title	Credits
Required Courses		
AUD-140 or MUS-140	Beginning Studio Recording	3
THA-117	Stagecraft	3
THA-120	Stage Lighting	3
THA-121	Costume Construction	3
Subtotal		12
Elective Courses		
Select two of the following:		6
THA-118	Stage Management	
THA-122	Stage Makeup	
THA-123	Introduction to Scene Design (formerly Models and Rendering)	
THA-124	Scenic Painting	
Subtotal		6
Total Units		18

Career Exploration

Discover information about careers that interest you!

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3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

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Gainful Employment Disclosures: Technical Theater

Gainful Employment Disclosures – 2021

Program Name TECHNICAL THEATER

This program is designed to be completed in 8 months.

This program will cost \$828 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Turf & Landscape Management

See Horticulture/Turf and Landscape Management (p. 256)

Viticulture, Enology & Winery

See Wine Industry and Hospitality (p. 364)

Water Technology

Program Description

Liquid blue gold! Water is one of the most important economic resources for California. Qualified water resources managers are in high demand and positions can lead to rewarding life-long careers. The MSJC Water Technology program is a career-oriented non-transfer vocational program offering courses leading to a certificate and/or an Associate degree. The program emphasizes a real-world approach to diagnostic skill building and a thorough understanding of water system theory and operations. Professionalism, workplace skills, and responsibilities are stressed along with safety and an awareness of hazardous materials control. Graduates are primarily employed by cities, counties, federal agencies, and industries that operate and maintain water treatment, water distribution, wastewater collection, and/or wastewater treatment systems. They may also find employment in support roles such as equipment sales. For individuals currently working within these fields, there may be potential for salary and/or career advancement.

Water Technology Department Page (<https://www.msjc.edu/watertechnology/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

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1-800-624-5561

Dean of Instruction, Career Education (951) 639-5352

careereducation@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Dean of Instruction, Career Education (951) 639-5352

careereducation@msjc.edu

Degrees/Certificates

Degrees

Non-Transfer Degree

- Water Technology, A.S. (p. 360)

Certificate

- Water Technology Certificate (p. 363)

Program Learning Outcomes

- Follow safe practices in the laboratory and in plant operations.
- Apply chemical, microbiological and mechanical knowledge and skills to maintain proper plant operations.
- Apply math and hydraulics skills in proper water and wastewater plant, collection system and distribution system operations.
- Understand regulations and operate plant accordingly.
- Interact effectively in oral and written communication.
- Use computers in water and wastewater plant operation.
- Demonstrate work ethic and model professional interaction with the public.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Water & Wastewater Treatment Plant & Sys Operator (SM, C, A)	\$45,030-\$69,445	1,046
Environmental Science & Protection Technician (A, B)	\$32,614-\$56,454	658
Water Resource Specialist (B M, D)	\$80,925-\$130,450	867
Water/Wastewater Engineers (B, M, D)	\$62,927-\$101,982	618

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Water Technology, A.S.

Water Technology is a career oriented non-transfer vocational program offering courses leading to a certificate and/or an Associate degree. The Water Technology program at MSJC emphasizes a real world approach to diagnostic skill building and a thorough understanding of system theory and operations. Professionalism, workplace skills and responsibilities are stressed along with safety and an awareness of hazardous materials control. Graduates are primarily employed by cities, counties, federal agencies and industry that operate and maintain water treatment, water distribution, wastewater collection and/or wastewater treatment systems. They may also find employment in support roles such as equipment sales. For individuals currently working within these fields, there may be potential for salary and/or career advancement.

In addition to the 18 units of the certificate program in Water Technology, students must also complete all MSJC General Education Option A requirements (a total of 60 units) for the Associate of Science degree in Water Technology. Certification by the state of California requires the qualified individual to: 1) pass an examination administered by the State Water Resources Control Board, the American Water Works Association, or the California Water Environment Association; 2) meet the experience and/or educational minimum requirements; 3) and, submit a certification application with the applicable fee. The Cooperative Work Experience Education course, CWEE WATR-549, is highly recommended course for students not currently employed in the field.

AS.WT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

This program provides students with focused program options. A focused program map contains courses that help students specialize in a distinct area and connects to careers. Talk to a counselor about preparing for transfer to specific schools.

Wastewater Treatment Focus

Course	Title	Units
Fall Semester 1		
WATR-790	Basic Waterworks Mathematics (formerly WATR-090)	2
WATR-500	Introduction to Water/Wastewater Operations (formerly WATR-100)	1
GEOG-108	World Regional Geography	3
PHIL-105	Introduction to Ethics	3
CSCR-502	Personal Success Habits of Highly Effective People (formerly GUID-120)	3
ENGL-101	College Composition (formerly Freshman Composition)	4
Units		16

Spring Semester 1

WATR-503	Water Treatment Plant Operations I & II (formerly WATR-103)	3
WATR-520	Wastewater Treatment Plant Operations I & II (formerly WATR-120)	3
PS-101	Introduction to American Government and Politics	3
COMM-103	Interpersonal Communication	3
MATH-105	College Algebra	4
Units		16

Fall Semester 2

WATR-522	Wastewater Plant Operations III, IV & V (formerly WATR-122)	3
WATR-525	Test Procedures for Water and Wastewater (formerly WATR-125)	3
WATR-530	Environmental Laws and Regulations (formerly WATR-130)	3
GEOG-115	Introduction to Geographic Information Science	3
MGT-500	Introduction to Management (formerly MGT-103)	3
Units		15

Spring Semester 2

BIOL-146 or BIOL-117	Biodiversity or Conservation Biology	3
GEOG-520	Intermediate Geographic Information Science (formerly GEOG-120)	3
PS-110	Introduction to Public Administration (formerly PA-101)	3
MGT-505	Organizational Behavior (formerly MGT-108)	3

MGT-770	Productivity Management (formerly MGT-133)	3
Units		15
Total Units		62

Water Distribution Focus

Course	Title	Units
Fall Semester 1		
WATR-790	Basic Waterworks Mathematics (formerly WATR-090)	2
WATR-500	Introduction to Water/Wastewater Operations (formerly WATR-100)	1
GEOG-108	World Regional Geography	3
PHIL-105	Introduction to Ethics	3
CSCR-502	Personal Success Habits of Highly Effective People (formerly GUID-120)	3
ENGL-101	College Composition (formerly Freshman Composition)	4
Units		16

Spring Semester 1

WATR-503	Water Treatment Plant Operations I & II (formerly WATR-103)	3
WATR-507	Water Distribution I & II (formerly WATR-107)	3
PS-101	Introduction to American Government and Politics	3
COMM-103	Interpersonal Communication	3
MATH-105	College Algebra	4
Units		16

Fall Semester 2

WATR-509	Water Distribution III, IV & V (formerly WATR-109)	3
WATR-530	Environmental Laws and Regulations (formerly WATR-130)	3
WATR-740	Wells, Pumps and Motors (formerly WATR-140)	3
GEOG-115	Introduction to Geographic Information Science	3
MGT-500	Introduction to Management (formerly MGT-103)	3
Units		15

Spring Semester 2

BIOL-146 or BIOL-117	Biodiversity or Conservation Biology	3
GEOG-520	Intermediate Geographic Information Science (formerly GEOG-120)	3
PS-110	Introduction to Public Administration (formerly PA-101)	3
MGT-505	Organizational Behavior (formerly MGT-108)	3
MGT-770	Productivity Management (formerly MGT-133)	3
Units		15
Total Units		62

Water Treatment Focus

Course	Title	Units
Fall Semester 1		
WATR-790	Basic Waterworks Mathematics (formerly WATR-090)	2
WATR-500	Introduction to Water/Wastewater Operations (formerly WATR-100)	1
GEOG-108	World Regional Geography	3
PHIL-105	Introduction to Ethics	3
CSCR-502	Personal Success Habits of Highly Effective People (formerly GUID-120)	3
ENGL-101	College Composition (formerly Freshman Composition)	4
Units		16
Spring Semester 1		
WATR-503	Water Treatment Plant Operations I & II (formerly WATR-103)	3
WATR-507	Water Distribution I & II (formerly WATR-107)	3
PS-101	Introduction to American Government and Politics	3
COMM-103	Interpersonal Communication	3
MATH-105	College Algebra	4
Units		16
Fall Semester 2		
WATR-505	Water Treatment Plant Operations III, IV & V (formerly WATR-105)	3
WATR-525	Test Procedures for Water and Wastewater (formerly WATR-125)	3
WATR-530	Environmental Laws and Regulations (formerly WATR-130)	3
GEOG-115	Introduction to Geographic Information Science	3
MGT-500	Introduction to Management (formerly MGT-103)	3
Units		15
Spring Semester 2		
BIOL-146 or BIOL-117	Biodiversity or Conservation Biology	3
GEOG-520	Intermediate Geographic Information Science (formerly GEOG-120)	3
WATR-509	Water Distribution III, IV & V (formerly WATR-109)	3
PS-110	Introduction to Public Administration (formerly PA-101)	3
MGT-505	Organizational Behavior (formerly MGT-108)	3
Units		15
Total Units		62

Requirements

An Associate Degree in this program requires students to follow MSJC's General Education, Option A and complete all general education areas, all

major requirements, and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (p. 91)		24
Required Water Technology Courses		3
Water Technology Electives		15
Electives (as needed to reach 60 units)		
Course	Title	Credits
Required Courses		
WATR-500	Introduction to Water/Wastewater Operations (formerly WATR-100)	1
WATR-790	Basic Waterworks Mathematics (formerly WATR-090)	2
or WATR-795	Wastewater Technology Math	
Elective Courses		
Select 15 units of the following:		15
WATR-503	Water Treatment Plant Operations I & II (formerly WATR-103)	
WATR-505	Water Treatment Plant Operations III, IV & V (formerly WATR-105)	
WATR-507	Water Distribution I & II (formerly WATR-107)	
WATR-509	Water Distribution III, IV & V (formerly WATR-109)	
WATR-520	Wastewater Treatment Plant Operations I & II (formerly WATR-120)	
WATR-522	Wastewater Plant Operations III, IV & V (formerly WATR-122)	
WATR-525	Test Procedures for Water and Wastewater (formerly WATR-125)	
WATR-526	Introduction to Wastewater Collections	
WATR-530	Environmental Laws and Regulations (formerly WATR-130)	
WATR-533	Introduction to Water Use Efficiency	
WATR-537	Introduction to Water Utility Management	
WATR-740	Wells, Pumps and Motors (formerly WATR-140)	
Total Units		18

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Water Technology Certificate

Water Technology is a career oriented non-transfer vocational program offering courses leading to a certificate and/or an Associate degree. The Water Technology program at MSJC emphasizes a real world approach to diagnostic skill building and a thorough understanding of system theory and operations. Professionalism, workplace skills and responsibilities are stressed along with safety and an awareness of hazardous materials control. Graduates are primarily employed by cities, counties, federal agencies, and industry that operate and maintain water treatment, water distribution, wastewater collection and/or wastewater treatment systems. They may also find employment in support roles such as equipment sales. For individuals currently working within these fields, there may be potential for salary and/or career advancement. The Water Technology Certificate should not be confused with certification by the State Water Resources Control Board (SWRCB), American Water Works Association (AWWA), or the California Water Environment Association (CWEA). Certification by the state of California requires the qualified individual to: 1) pass an examination administered by the State Water Resources Control Board, the American Water Works Association, or the California Water Environment Association; 2) meet the experience and/or educational minimum requirements; 3) and, submit a certification application with the applicable fee. The Cooperative Work Experience Education course, CWEE WATR-549, is highly recommended course for students not currently employed in the field. The Water Technology Certificate of Achievement is designed to prepare students who wish to seek entry level employment in the public water supply industry or qualify for a more responsible position within the field.

CT.WT

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
WATR-790 or WATR-795	Basic Waterworks Mathematics (formerly WATR-090) or Wastewater Technology Math	2
WATR-500	Introduction to Water/Wastewater Operations (formerly WATR-100)	1
Select one of the following:		3
WATR-503	Water Treatment Plant Operations I & II (formerly WATR-103)	
WATR-507	Water Distribution I & II (formerly WATR-107)	
WATR-520	Wastewater Treatment Plant Operations I & II (formerly WATR-120)	

WATR-530	Environmental Laws and Regulations (formerly WATR-130)	3
Units		9
Spring Semester 1		
Select one of the following:		3
WATR-505	Water Treatment Plant Operations III, IV & V (formerly WATR-105)	
WATR-509	Water Distribution III, IV & V (formerly WATR-109)	
WATR-522	Wastewater Plant Operations III, IV & V (formerly WATR-122)	
WATR-525	Test Procedures for Water and Wastewater (formerly WATR-125)	3
WATR-740	Wells, Pumps and Motors (formerly WATR-140)	3
Units		9
Total Units		18

Requirements

Course	Title	Credits
Required Courses		
WATR-500	Introduction to Water/Wastewater Operations (formerly WATR-100)	1
WATR-790	Basic Waterworks Mathematics (formerly WATR-090)	2
or WATR-795	Wastewater Technology Math	
Subtotal		3
Elective Courses		
Select 15 units of the following:		
WATR-503	Water Treatment Plant Operations I & II (formerly WATR-103)	
WATR-505	Water Treatment Plant Operations III, IV & V (formerly WATR-105)	
WATR-507	Water Distribution I & II (formerly WATR-107)	
WATR-509	Water Distribution III, IV & V (formerly WATR-109)	
WATR-520	Wastewater Treatment Plant Operations I & II (formerly WATR-120)	
WATR-522	Wastewater Plant Operations III, IV & V (formerly WATR-122)	
WATR-525	Test Procedures for Water and Wastewater (formerly WATR-125)	
WATR-526	Introduction to Wastewater Collections	
WATR-530	Environmental Laws and Regulations (formerly WATR-130)	
WATR-533	Introduction to Water Use Efficiency	
WATR-537	Introduction to Water Utility Management	
WATR-740	Wells, Pumps and Motors (formerly WATR-140)	
Subtotal		15
Total Units		18

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Water Technology

Gainful Employment Disclosures – 2021

Program Name WATER TECHNOLOGY

This program is designed to be completed in 8 months.

This program will cost \$828 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$44 a year or \$22 a semester

*For summer session fees and non-CA resident tuition, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Wine Industry and Hospitality

Program Description

Wine Industry and Hospitality will prepare you for an exciting career in the wine industry. Our program introduces you to a variety of disciplines

included in the winemaking industry. From basic winemaking (enology), grape cultivation (viticulture), event organization, and service (hospitality) to marketing and selling of wine (business principles). Mt. San Jacinto College's Wine Industry and Hospitality program will introduce you to the many fields encompassing the wine industry.

Wine Industry & Hospitality Program Page (<https://www.msjc.edu/wineindustryhospitality/>)

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)

1-800-624-5561

Dean of Instruction, Career Education (951) 639-5352

careereducation@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Dean of Instruction, Career Education (951) 639-5352

careereducation@msjc.edu

Degrees/Certificates

Employment Concentrations

- Viticulture, Enology and Winery Technology Employment Concentration (p. 365)
- Wine Hospitality and Salesmanship Employment Concentration (p. 365)

Program Learning Outcomes

- Define and understand viticulture terminology and identify morphology.
- Identify and understand the difference between grape species including *Vitis vinifera* and hybrids.
- Describe modern vine training and trellis systems and how they impact vine growth and management.
- Understand the causes of poor fruit set and berry development.
- Define vine balance and understand the link between reproductive and vegetative potential of the vine on end fruit quality.
- Identify site characteristics needed for successful commercial winegrape production based on vine physiology.
- Interpret information learned in lecture for use in critical thinking during discussion and journal article review.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Waiters & Waitresses (SM)	\$22,136-\$25,848	56,450
Food Service Managers (SM)	\$26,047-\$73,203	5,898

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)

Viticulture, Enology and Winery Technology Employment Concentration

This Employment Concentration Certificate will prove the student's ability to work in the wine industry, helping the student applying for jobs related to the mentioned industry, while continuing further coursework toward a full certificate or degree.

ECC.VEW.VEWT

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
WINE-100	Introduction to Viticulture (formerly VEW-100)	3
WINE-102	Introduction to Enology (formerly VEW-102)	3
	Units	6
	Total Units	6

Requirements

Course	Title	Credits
Required Courses		
WINE-100	Introduction to Viticulture (formerly VEW-100)	3
WINE-102	Introduction to Enology (formerly VEW-102)	3
	Total Units	6

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.

2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Wine Hospitality and Salesmanship Employment Concentration

This Employment Concentration Certificate will prove the student's ability to work in the "wine hospitality" industry, helping the student applying for jobs related to the mentioned industry, while continuing further coursework toward a full certificate or degree.

ECC.VEW.WH&S

Program Map Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Course	Title	Units
Fall Semester 1		
WINE-500	Wine Hospitality (formerly VEW-106)	3
WINE-501	Introduction to Winery Business Principles (formerly VEW-108)	3
	Units	6
	Total Units	6

Requirements

Course	Title	Credits
Required Courses		
WINE-500	Wine Hospitality (formerly VEW-106)	3
WINE-501	Introduction to Winery Business Principles (formerly VEW-108)	3
	Total Units	6

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.

- Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

World Languages

Program Description

Spanish, a transfer program, is an academic discipline necessary to keep pace with our globally interconnected world. In this age, where borders have been erased by digital media and fast-paced electronic interaction is the norm, Spanish provides skills sought after in many fields: Business, Medicine, Law, Science, Economics, Politics, Public Service, and more. More than ever, the Spanish language is a major piece of the foundation for academic and career success. The Spanish program empowers the individual through a structured and progressive study; from basic to advance skills in writing, reading, grammar, oral communication, Spanish culture, and history. The study of Spanish expands linguistic skills while enhancing intellectual growth, cultural literacy, and critical thinking.

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting <http://www.assist.org>. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus

(951) 487-MSJC (6752)

1-800-624-5561

Derek Snider (951) 487-3656

dsnider@msjc.edu

Menifee Valley Campus

(951) 672-MSJC (6752)

1-800-452-3335

Dean of Instruction, Arts, Humanities & Social Sciences (951) 639-5400

Degrees/Certificates

Degrees

Transfer Degrees

- Spanish, A.A.-T (p. 366)

Program Learning Outcomes

- Communicate a target language and be understood by native speakers.

- Listen and comprehend spoken target language.
- Read and comprehend written articles and assignments.
- Use critical thinking skills to create and compose simple conversation and academic research papers.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (<https://msjc.emsicc.com>).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Interpretation/ Translation (C)	\$51,886	1,443
Immigration/Customs/ Inspector (SM, B)	\$102,000	817
Secondary School Teacher (B)	\$77,729	8,832

(*degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate*)

Spanish, A.A.-T

An Associate in Arts in Spanish for Transfer Degree (ADT) will fulfill the requirements for students to transfer to a CSU as a Spanish major. The courses in the ADT in Spanish will provide students with an ability to learn or improve their Spanish as a first or second language so they can communicate successfully with the Spanish-speaking world, and understand and appreciate the Hispanic cultures. Students will be prepared for upper division coursework in the language should they pursue further study upon transfer. Spanish is the second most spoken language in the world: as international business and politics demand greater understanding between nations, knowledge of other world languages such as Spanish has become necessary for success.

AA.SPAN.OPTBAAT or AA.SPAN.OPTCAAT

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find a career or transfer opportunities. Program maps show the recommended sequence of courses that lead to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- Starting in Spring?** Choose Fall Semester 1 courses.
- Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

CSU: General Education Option B

This program provides students with focused program options. A focused program map contains courses that help students specialize in a distinct

area and connects to careers. Talk to a counselor about preparing for transfer to specific schools.

For Native Speakers Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-115 or MATH-140	Ideas of Mathematics or Introduction to Statistics	3
SPAN-203	Spanish for Native Speakers I	4
PSYC-101	Introduction to Psychology	3
HIST-140 or HIST-141 or HIST-142	History of Mexico or History of Latin America to 1820 or History of Latin America Since 1820	3
Units		17
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
COMM-103	Interpersonal Communication	3
ENVS-101	Environmental Science	3
ENVS-102	Environmental Science Laboratory	1
SPAN-204	Spanish for Native Speakers II	4
Units		14
Fall Semester 2		
ANTH-101	Physical Anthropology	3
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
FREN-101	Elementary French I	4
SPAN-230	Spanish Composition I	3
Units		13
Spring Semester 2		
COMM-113	Oral Interpretation of Literature	3
PS-101	Introduction to American Government and Politics	3
Select one of the following: 3		
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
FREN-102	Elementary French II	4
SPAN-231 or SPAN-251 or SPAN-252	Spanish Composition II or Intermediate Spanish Conversation I or Intermediate Spanish Conversation II	3
Units		16
Total Units		60

For Non-Native Speakers Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-115 or MATH-140	Ideas of Mathematics or Introduction to Statistics	3
COMM-113	Oral Interpretation of Literature	3
SPAN-101	Elementary Spanish I	4

PSYC-101	Introduction to Psychology	3
Units		17
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
COMM-103	Interpersonal Communication	3
ENVS-101	Environmental Science	3
ENVS-102	Environmental Science Laboratory	1
SPAN-102	Elementary Spanish II	4
Units		14
Fall Semester 2		
ANTH-101	Physical Anthropology	3
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
FREN-101	Elementary French I	4
SPAN-201	Intermediate Spanish I	4
Units		14
Spring Semester 2		
PS-101	Introduction to American Government and Politics	3
HIST-140 or HIST-141 or HIST-142	History of Mexico or History of Latin America to 1820 or History of Latin America Since 1820	3
SPAN-202	Intermediate Spanish II	4
FREN-102	Elementary French II	4
Select one of the following: 3		
HIST-160	Black History in the American Context	
LIT-275	Latinx/Chicanx Literature	
LIT-280	Multiethnic Literature (formerly ENGL-280)	
Units		17
Total Units		62

UC: General Education Option C

This program provides students with focused program options. A focused program map contains courses that help students specialize in a distinct area and connects to careers. Talk to a counselor about preparing for transfer to specific schools.

For Native Speakers Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-115 or MATH-140	Ideas of Mathematics or Introduction to Statistics	3
SPAN-203	Spanish for Native Speakers I	4
GEOG-102	Cultural Geography	3
Units		14
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
COMM-100	Public Speaking	3
MUS-109	World Music	3
SPAN-204	Spanish for Native Speakers II	4

ENVS-100	Humans and Scientific Inquiry	3
Units		16
Fall Semester 2		
ANTH-145	Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)	3
HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
PS-101	Introduction to American Government and Politics	3
SPAN-230 or SPAN-231	Spanish Composition I or Spanish Composition II	3
FREN-101	Elementary French I	4
Units		16
Spring Semester 2		
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
FREN-102	Elementary French II	4
SPAN-251 or SPAN-252	Intermediate Spanish Conversation I or Intermediate Spanish Conversation II	3
HIST-140 or HIST-141 or HIST-142	History of Mexico or History of Latin America to 1820 or History of Latin America Since 1820	3
Units		14
Total Units		60

Non-Native Speakers Focus

Course	Title	Units
Fall Semester 1		
ENGL-101	College Composition (formerly Freshman Composition)	4
MATH-115 or MATH-140	Ideas of Mathematics or Introduction to Statistics	3
SPAN-101	Elementary Spanish I	4
HIST-140 or HIST-141 or HIST-142	History of Mexico or History of Latin America to 1820 or History of Latin America Since 1820	3
Units		14
Spring Semester 1		
ENGL-103	Critical Thinking and Writing	3
COMM-100	Public Speaking	3
MUS-109	World Music	3
SPAN-102	Elementary Spanish II	4
ENVS-100	Humans and Scientific Inquiry	3
Units		16
Fall Semester 2		
ANTH-101	Physical Anthropology	3
ANTH-111	Physical Anthropology Lab	1
SPAN-201	Intermediate Spanish I	4
FREN-101	Elementary French I	4
PS-101	Introduction to American Government and Politics	3
Units		15

Spring Semester 2

HIST-111 or HIST-112	U.S. History to 1877 or U.S. History Since 1865	3
SPAN-202	Intermediate Spanish II	4
FREN-102	Elementary French II	4
GEOG-102	Cultural Geography	3
DAN-201	Dances of the World	1
Units		15
Total Units		60

Requirements

Course	Title	Credits
Required Core Courses		

Choose one of the following options: 16

Option 1 for Non-Native Speakers

SPAN-101	Elementary Spanish I
Course substitution - any student placing out of any core course(s) (high school courses, AP exam, etc.) must fulfill units by selecting course(s) from List A below to clear CORE 16 unit requirement.	
SPAN-102	Elementary Spanish II
SPAN-201	Intermediate Spanish I
SPAN-202	Intermediate Spanish II

Option 2 for Native Speakers

Course substitution - any 8 units from List A below to clear CORE 16 unit requirement. Elementary or Intermediate level courses in another language are recommended as it is required if pursuing a B. A. Degree in Spanish.	
SPAN-203	Spanish for Native Speakers I
SPAN-204	Spanish for Native Speakers II

List A: Select one

Select one of the following (not used above): 3-4	
COMM-103 or COMM-103H	Interpersonal Communication Honors Interpersonal Communication
FREN-101	Elementary French I
FREN-102	Elementary French II
FREN-201	Intermediate French I
HIST-140 or HIST-140H	History of Mexico Honors History of Mexico
HIST-141	History of Latin America to 1820
HIST-142	History of Latin America Since 1820
SPAN-230	Spanish Composition I
SPAN-231	Spanish Composition II
SPAN-251	Intermediate Spanish Conversation I
SPAN-252	Intermediate Spanish Conversation II

Total Units 19-20

Course	Title	Credits
Units for Major 19-20		

MSJC General Education Option B or C (p. 97)

Possible double counting: 6-9

Transferable Electives (as need to reach 60 CSU transferable units)

Total Units for A.A.-T Degree: 60 units

The overall requirements for this Associates Degree for Transfer (ADT) can be met by:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Completion of California State University General Education-Breadth (CSUGE) Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- Completion of a minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Completion of a minimum grade point average of 2.0.

ADTs also require that students earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better. ADTs are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A student completing an ADT is guaranteed admission to the CSU system, but not a particular campus or major. Students should meet with a Counselor to develop a comprehensive educational plan to further understand university and transfer requirements.

Career Exploration

Discover information about careers that interest you!

1. Take a Career Quiz (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available in-demand jobs (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the MSJC Program (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

COURSES

Course Numbering Understanding Course Listings Course Numbering System

Courses numbered 1-69 are non-degree applicable and may not be used to meet graduation requirements. Units represented in the course **MUST** be replaced by (an) additional course(s) in order to meet graduation unit requirements for associate degrees or certificates.

Courses numbered 70-79 are intended for students with learning disabilities. Students may count a maximum of six units from each program for graduation, but such courses do not replace other English or math graduation requirements. In rare cases these courses may be accepted at a transfer institution. Final determination regarding the transfer of college credit rests with the individual receiving institution.

Courses numbered 80-98 are academic courses not transferable to four-year institutions but applicable to non-transfer associate's degrees and certificates. For purposes of non-transfer associate-degree graduation, state regulations limit general math courses in the category to Math 094 (Accelerated Algebra) or higher. In rare cases these courses may be accepted at a transfer institution. Final determination regarding the transfer of college credit rests with the individual receiving institution.

Courses numbered 100-298 are full collegiate level courses for which transfer articulation, C-ID transfer equivalents, or lower-division comparable courses at a UC or CSU exist. The courses are certified by the college to be of baccalaureate level and meet the criteria in California Code of Regulations Title 5 Education Codes 55002, 55005, and 55061-55063 termed "standard of rigor" for associate degree and transfer-level courses. Courses at this level are applicable to non-transfer and transfer associate degrees, ADTs, and certificates. Final determination regarding the transfer of college credit rests with the individual receiving institution.

Courses numbered 299/699/899 are Special Projects created to provide academic opportunities for students who are capable of independent work with interest and previous coursework within a specific subject field. These projects are student specific, require research, and must be determined and supervised by a discipline faculty. The scope of the project will determine the number of units available between 1-3, and a contract must be completed prior to beginning the project. Courses numbered 299 and 699 are transferable to CSU as elective credit and can be applied to non-transfer and transfer associate degrees and certificates. Courses numbered 899 can be applied to non-transfer associate degrees and certificates. Final determination regarding the transfer of college credit for Special Projects rests with the individual receiving institution

Courses numbered 500-698 are full collegiate academic and career education courses. These courses are traditionally highly specialized courses and typically post-Baccalaureate certificates or minors taught at the upper division. The courses are certified by the college to meet the criteria in California Code of Regulations Title 5 Education Codes 55002, 55005, and 55061-55063 termed "standard of rigor" for associate degree and transfer level courses. Courses at this level are applicable to non-transfer associate degrees and certificates. These career education courses transfer to CSU as elective units only; the course content will be determined after transfer by the individual institution. Final determination

regarding the transfer of college credit rests with the individual receiving institution which may also have unit limitations for these courses.

Courses numbered 549 are Cooperative Education Program (CWEE) Work Experience courses that provide on-the-job learning related to a student's educational or occupational goals. These courses are offered by numerous disciplines; please see Cooperative Education Program (CWEE) for more details. Courses at this level are applicable to non-transfer associate degrees and certificates. Final determination regarding the transfer of CWE college credit rests with the individual receiving institution.

Courses numbered 700-898 are career education courses intended for employment and which do not transfer to a university. The courses are certified by the college to meet the criteria in California Code of Regulations Title 5 Education Codes 55002, 55005, and 55061-55063 termed "standard of rigor" for associate degree. Courses at this level are applicable to non-transfer associate degrees and certificates.

Courses numbered 900-998 are Noncredit courses intended to assist students in attaining skills for personal, academic, and professional goals including English as a Second Language, citizenship, basic skills, health and safety, disabilities, parenting, home economics, courses for older adults, short-term career education programs, and workforce preparation. These courses are free to students but do not earn credits and will not transfer to a university. The courses are certified by the college to meet the criteria in California Code of Regulations Title 5 Education Codes 55000, 55002, 55003, 55005, and 55061-55064 termed "standard of rigor." Courses at this level are non-degree applicable and may not be used to meet graduation requirements.

Specific prefix designation HEP are Honors Studies courses considered a capstone for completion of the Honors program. Students must be admitted into the Honors Enrichment Program before they are eligible to enroll in HEP courses. HEP courses are CSU transferable at time of transfer. UC course unit acceptance is determined after transfer and may not be applied to the UC 60 unit admission requirement. Final determination regarding the transfer of college credit rests with the individual receiving institution.

Course Descriptions

Course descriptions are arranged by subject and area distinguished by identifying numbers and course titles. The credit value of each course is indicated in semester units. Each unit represents one hour per week of lecture or recitation or a longer time in laboratory or other activity not requiring outside preparation. Some courses may be repeated for credit, but only when explicitly indicated. Students wishing to repeat a course for the purpose of recalculating the grade-point average should refer to rules regarding "Repeating a Course." Prerequisite organization and the course description are listed below each course title. Students should read this material carefully to be sure that they meet prerequisites and that course content meets their needs and interest. A schedule of classes issued at the opening of each term lists courses offered.

Prerequisite

A prerequisite is a course (or qualification) which must be taken before a student may register for a subsequent course. It is the student's responsibility to comply with prerequisites of all courses for which they enroll. Course prerequisites are listed in this catalog and in the online course search engine.

The most stringent placement restrictions are prerequisites. If a prerequisite is listed for a course, it means that the discipline faculty and

department via the curriculum process have determined that students who lack the prerequisite are highly unlikely to succeed in the course. Therefore, the student **MUST** meet the prerequisite listed before enrolling in the course.

Corequisite

A corequisite is a course which must be taken prior to or at the same time as another course. If a corequisite is listed for a course, it means that the discipline faculty and department via the curriculum process have determined that students who do not take the corequisite course are highly unlikely to succeed in the course. Therefore, the student either **MUST** have met the corequisite prior to enrollment in the course or **MUST** take the corequisite course in the same term.

Recommended Course Preparation

In order to enroll students in courses that best meet their needs and skills, the college has developed several levels of placement information.

If recommended preparation is listed, it means that the faculty strongly recommends that the student meet the recommended preparation before enrolling. The skill or course listed in the note has been determined to be an important preparation to the course. While the student may well pass the course without the skill or course listed, a better grade, better understanding and better performance are likely if the note is followed. Under some conditions, a student may be provisionally enrolled in a course while waiting to determine whether or not a pre-or corequisite has been met. If it is subsequently determined that the prerequisite or corequisite has not been met, the student may be dropped from the course administratively and enrollment fees related to the course refunded.

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Accounting/Bookkeeping (ACCT)

ACCT-124 Financial Accounting - Principles of Accounting I 3 Units (LEC 48-54)

This course is the study of accounting as an information system, examining why it is important and how it is used by investors, creditors, and others to make decisions. It covers recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted principles, the financial statements, statement analysis, cash flow, internal controls, issues related to asset, liability and equity valuation, revenue and expense recognition, and ethics.

Recommended Preparation: CAPP-122., ENGL-098 or ESL-098., MATH-055.

Transfers to both UC/CSU

C-ID: ACCT 110

ACCT-124H Honors Financial Accounting - Principles of Accounting I 3 Units (LEC 48-54)

This course is the study of accounting as an information system, examining why it is important and how it is used by investors, creditors, and others to make decisions. It covers recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted principles, the financial statements, statement analysis, cash flow, internal controls, issues related to asset, liability and equity valuation, revenue and expense recognition, and ethics.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: CAPP-122., ENGL-098 or ESL-098., MATH-055.

Transfers to both UC/CSU

C-ID: ACCT 110

ACCT-125 Managerial Accounting-Principles of Accounting II 3 Units (LEC 48-54)

This course is the study of how managers use accounting information in decision-making, planning, directing operations and controlling. It focuses on cost terms and concepts, cost behavior, cost structure and cost-volume-profit analysis. It also includes issues relating to cost systems, cost control, profit planning, and performance analysis in manufacturing and service environments.

Prerequisite: ACCT-124 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: ACCT 120

ACCT-125H Honors Managerial Accounting - Principles of Accounting II 3 Units (LEC 48-54)

This course is the study of how managers use accounting information in decision-making, planning, directing operations and controlling. It focuses on cost terms and concepts, cost behavior, cost structure and cost-volume-profit analysis. It also includes issues relating to cost systems, cost control, profit planning, and performance analysis in manufacturing and service environments.

Prerequisite: ACCT-124 (with a grade of C or better)., Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

C-ID: ACCT 120

ACCT-626 Computerized Accounting (formerly ACCT-126) 3 Units (LEC 48-54)

This course is an overview of computerized accounting principles and procedures with the use of Sage 50 (formerly Peachtree), integrating the accounting cycle for service and merchandising businesses with emphasis on hands-on processing of business and accounting transactions. (formerly ACCT 126)

Prerequisite/Corequisite: ACCT-124 (with a grade of C or better).

Transfers to CSU only

ACCT-628 Federal Income Tax Accounting (formerly ACCT-128)
3 Units (LEC 48-54)

This course introduces the basic concepts of federal income taxation. Topics include history and objectives of the tax, along with the treatment of various types of entities, types of income, types of deductions and types of credits. Emphasis is on the individual as a taxpayer. (formerly ACCT 128)

Prerequisite: ACCT-124 (with a grade of C or better).
 Transfers to CSU only

ACCT-776 Bookkeeping (formerly ACCT-076)
3 Units (LEC 48-54)

This course covers the essential elements of bookkeeping practice upon which advanced work in other accounting courses is based. Topics include the double entry bookkeeping system, cash and accrual methods, use of journals and ledgers, adjusting entries, receipts and payments, payroll, sales tax and banking. (formerly ACCT 076)

Not transferable

ACCT-777 QuickBooks Accounting (formerly ACCT-077)
3 Units (LEC 48-54)

This course is designed for the student seeking hands-on experience with QuickBooks accounting system. Students will examine business transactions to determine the applicable accounting principles and the appropriate processing sequence in QuickBooks in order to yield various reports and financial statements for internal and external users. Emphasis will be placed on how to use QuickBooks in a small business environment. (formerly ACCT 077)

Prerequisite/Corequisite: ACCT-776 or ACCT-124 (with a grade of C or better) or instructor consent of work experience in accounting-related functions.

Not transferable

Administration of Justice (AJ)

AJ-101 Criminal Law
3 Units (LEC 48-54)

This course studies the history, evolution, principles, philosophy, constitutional provisions, and contemporary application of criminal law. Topics include sources of substantive law, classification of crimes, parties to crimes, elements of crimes, matters of criminal responsibility, law in society, and other related topics.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: AJ 120

AA/AS General Education: AA/AS B2

AJ-102 Introduction to Criminal Justice
3 Units (LEC 48-54)

This course introduces students to the components of the criminal justice system in the United States. Crime measurement, theories, causes and responses to crime, components of the system, and current challenges are examined. This course also examines the history and evolution of the principles, approaches, and the evolving forces which have shaped the criminal justice system. Students discover the origins and development of criminal law, legal process, and sentencing and incarceration policies.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: AJ 110

IGETC Area(s): 4H

CSU Area(s): D8

AA/AS General Education: AA/AS B2

AJ-102H Honors Introduction to Criminal Justice
3 Units (LEC 48-54)

This course introduces students to the components of the criminal justice system in the United States. Crime measurement, theories, causes and responses to crime, components of the system, and current challenges are examined. This course also examines the history and evolution of the principles, approaches, and the evolving forces which have shaped the criminal justice system. Students discover the origins and development of criminal law, legal process, and sentencing and incarceration policies.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: AJ 110

AA/AS General Education: AA/AS B2

AJ-103 Criminal Evidence
3 Units (LEC 48-54)

This course provides students with fundamental information about the rules governing the admissibility of evidence in criminal cases. The essential information includes an overview of the criminal trial process, the Federal Rules of evidence, witness competency, circumstantial evidence, physical evidence and the exclusionary rule. The identification, collection, preservation, and processing of evidence are also examined.

Recommended Preparation: ENGL-101.

Transfers to CSU only

C-ID: AJ 124

AJ-105 Tactical Communication and Report Writing for Law Enforcement (formerly Public Safety Report Writing)
3 Units (LEC 48-54)

This course provides the student with the necessary skills to communicate effectively (both orally and in writing) in a clear and logical manner. This course is highly recommended by hiring agencies for all public safety personnel due to the importance of producing accurate and intelligent reports in law enforcement.

Recommended Preparation: ENGL-101.

Transfers to CSU only

AJ-106 Juvenile Procedures
3 Units (LEC 48-54)

This course describes the philosophy of juvenile law and detention. The knowledge and application of laws defined in the Welfare and Institution Codes, Civil Code and other special and relevant laws affecting youth are clarified as well as investigation into the causes and assertions regarding juvenile delinquency. Techniques of investigation into incorrigible, dependent and delinquent juveniles, and the correlation of drugs and their abuse regarding juvenile delinquency are also discussed.

Recommended Preparation: ENGL-101.
Transfers to CSU only
C-ID: AJ 220

AJ-108 Criminal Investigation
3 Units (LEC 48-54)

This course addresses the techniques, procedures, and ethical issues in the investigation of crime and evidence. Focus is on organization of the investigative process, crime scene searches, interview and interrogation techniques, surveillance, sources of information, suspect identification, scientific analysis and the role of the investigator in the trial process.

Recommended Preparation: ENGL-101.
Transfers to CSU only
C-ID: AJ 140

AJ-111 Criminal Procedures
3 Units (LEC 48-54)

This course examines criminal procedure from arrest to the final adjudication of a criminal case. The principles of constitutional, federal, state and civil laws are examined as they apply to law enforcement. The course also focuses on the procedural aspects of the court system including the arraignment, preliminary hearing, jury selection, trial, jury instructions, acquittal or finding of guilt and sentencing. Other procedural topics such as direct and cross examination are analyzed.

Recommended Preparation: ENGL-101.
Transfers to CSU only
C-ID: AJ 122
CSU Area(s): D8
AA/AS General Education: AA/AS B2

AJ-112 Introduction to Criminology
3 Units (LEC 48-54)

This course is the study of crime in America including theories on the causes of criminal behavior, as well as the nature, extent, control and prevention of crimes. It focuses on the criminal activity of the person and the group, criminal behavior systems, and the police behavioral response to criminal activity.

Recommended Preparation: ENGL-101.
Transfers to CSU only
AA/AS General Education: AA/AS B2

AJ-117 Introduction to Terrorism and Homeland Security
3 Units (LEC 48-54)

This course covers the historical and contemporary issues interrelating terrorism, intelligence and homeland security. The course represents not only a strong scholarly approach to the study of terrorism, but also incorporates the real-world experience of federal agents and police officers tasked with preventing terrorism in our country. It is designed to help students develop a working knowledge of people, ideas, organizations, and current issues in the field.

Prerequisite: None. **Recommended Preparation:** ENGL-101.
Transfers to CSU only
AA/AS General Education: AA/AS B2

AJ-118 Community and the Justice System
3 Units (LEC 48-54)

This course examines the complex and dynamic relationship between communities and the justice system in addressing crime; including the conflicts, challenges, and prospects of administering justice within a diverse multicultural population. Topics may also include the consensus and conflicting values in culture, religion, and law.

Recommended Preparation: ENGL-101.
Transfers to both UC/CSU
C-ID: AJ 160

AJ-124 Introduction to Forensics for Law Enforcement
3 Units (LEC 48-54)

This course introduces students to the application of scientific principles to solve criminal cases. The course addresses the techniques and procedures in the investigation of crimes and also the ethical issues associated with the collection and analysis of evidence. Content includes the analysis of fingerprinting, firearms, tool marks, impressions, hair and fibers, DNA, along with the role of crime scene investigators and forensic specialists.

Recommended Preparation: ENGL-101.
Transfers to both UC/CSU

AJ-128 Traffic Control, Enforcement and Investigation
3 Units (LEC 48-54)

This course covers an introduction to basic accident investigation procedures and describes accident analysis techniques. The roles of law enforcement, the causal factors of accidents, their investigation, proper scene management, and the study of California Vehicle Code laws will also be examined.

Recommended Preparation: ENGL-101.
Transfers to CSU only

AJ-299 Special Projects: Administration of Justice
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Administration of Justice classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.
Transfers to CSU only

AJ-507 Ethics in Criminal Justice
3 Units (LEC 48-54)

This course provides a comprehensive overview of the ethical challenges facing criminal justice professionals as it relates to the police, courts, and corrections. Students will learn the principles and theories that are the foundation of ethical decision making along with insight into the latest challenges and issues in criminal justice. Content includes, but is not limited to, morality, ethics, culture, human behavior, race, justice and law, police and society, discretion and dilemmas, and police corruption.

Recommended Preparation: ENGL-101.
 Transfers to CSU only

AJ-515 Introduction to Probation and Parole (formerly AJ-115)
3 Units (LEC 48-54)

This course provides the history, philosophy and role of probation and parole and its interaction with the various components of the criminal justice system. The course includes the history and duties of probation officers and parole agents and their supervision of the probationer and parolee in the community. (formerly AJ 115)

Recommended Preparation: ENGL-101.
 Transfers to CSU only

AJ-549 Cooperative Work Experience: Administration of Justice (formerly AJ-149)
0.5-8 Units CWE Paid 37.5-600/Non-paid 30-480

This course is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the students' educational or occupational goal (Title 5 section 55252). Students may earn a maximum of (8) semester credit hours during one enrollment period. Students may earn up to a total of 16 semester credit hours for all Cooperative Work Experience Education. Offered as pass/no pass only. (formerly AJ 149)

Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. A training agreement must be completed prior to registration. Please refer to the Cooperative Work Experience Student Handbook for specific information. Transfers to CSU only

AJ-598 Introduction to Private Security (formerly AJ-098)
3 Units (LEC 48-54)

This introductory course encompasses the historical and contemporary issues relating to private security. The course is designed to provide students with a general overview of the important roles and responsibilities that private security plays in our society while also sensitizing them to the complexities and ambiguities of modern private security. Employment and state certifications will also be covered. (formerly AJ 098)

Recommended Preparation: ENGL-101.
 Transfers to CSU only

AJ-725 Vice and Narcotics Investigation And Control (formerly AJ-125 Vice and Narcotics Control)
3 Units (LEC 48-54)

This course examines the history and statutory case laws relating to narcotic and vice enforcement. The identification and definitions of narcotic drugs and addiction, gambling, prostitution, pornography and alcohol violations will be analyzed. This course also researches the relationship linking narcotics and vice to organized crime and the negative impact on the community. (formerly AJ 125)

Recommended Preparation: ENGL-101.
 Not transferable

Allied Health (AH)

AH-105 Medical Terminology
3 Units (LEC 48-54)

The course provides students with the knowledge and understanding of medical terminology used in the health care field.

Transfers to CSU only

AH-549 Cooperative Work Experience: Allied Health (formerly AH-149)
0.5-8 Units CWE Paid 37.5-600/Non-paid 30-480

This course is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the students' educational or occupational goal (Title 5 section 55252). Students may earn a maximum of (8) semester credit hours during one enrollment period. Students may earn up to a total of 16 semester credit hours for all Cooperative Work Experience Education. Offered as pass/no pass only. (formerly AH 149)

Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. A training agreement must be completed prior to registration. Please refer to the Cooperative Work Experience Student Handbook for specific information. Transfers to CSU only

American Sign Language (ASL)

ASL-100 American Sign Language I
4 Units (LEC 64-72)

This course is designed to introduce American Sign Language as it is used within the Deaf culture and to introduce students to the basic structure, vocabulary, and conversational strategies of the language. Culture of the American Deaf community is also studied.

Transfers to both UC/CSU

IGETC Area(s): 6A

CSU Area(s): C2

AA/AS General Education: AA/AS C

ASL-101 American Sign Language II
4 Units (LEC 64-72)

This course covers intermediate skill in structure, vocabulary, and conversational strategies of American Sign Language as it is used within the Deaf culture. The course builds on topics including directions, monetary exchanges, family relations, personal qualities, occupations, and making requests.

Prerequisite: ASL-100 (with a grade of C or better) or two years of high school American Sign Language.

Transfers to both UC/CSU

IGETC Area(s): 3B, 6A

CSU Area(s): C2

AA/AS General Education: AA/AS C

ASL-110 Deaf Culture and Community
3 Units (LEC 48-54)

This course introduces students to Awareness of Deaf Culture. Students will learn about the language, norms of behavior, values, traditions and possessions (materials) of D/deaf people. The evolution, from a pathological view of D/deaf people to a cultural one, will be analyzed from a historical and sociological perspective. Intercultural issues relating to the role of hearing people within the Deaf Community will also be covered.

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2, D7

AA/AS General Education: AA/AS C, AA/AS F

ASL-201 American Sign Language III (formerly ASL-103)
4 Units (LEC 64-72)

This course studies the structure, vocabulary, and conversational strategies of American Sign Language as it is used within the Deaf culture. This course furthers students' conceptual understanding of American Sign Language linguistics by introducing more complex vocabulary and idioms. Students will also be exposed to more diversity within the community as subcultures are introduced. (formerly ASL 103)

Prerequisite: ASL-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B, 6A

CSU Area(s): C2

AA/AS General Education: AA/AS C

ASL-202 American Sign Language IV (formerly ASL-104)
4 Units (LEC 64-72)

This course offers an in-depth study of the structure, vocabulary, and conversational strategies of American Sign Language as it is used within the Deaf culture. This course expands upon the foundational language skills developed in ASL 100, 101, and 201. (formerly ASL 104)

Prerequisite: ASL-201 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B, 6A

CSU Area(s): C2

AA/AS General Education: AA/AS C

ASL-203 American Sign Language V (formerly ASL-105)
3 Units (LAB 24-27, LEC 40-45)

This course presents a continuation of language skill development, incorporating advanced complex ASL grammatical features and vocabulary to the description of increasingly complex constructs, processes, and situations such as multiple character role shifting and spatial referencing in presentations of narratives and discussions of hypothetical issues (i.e. medical terminology and analysis of human anatomy and body systems). Information on cultural values and attitudes as they relate to the Deaf Community are also examined. (formerly ASL 105)

Prerequisite: ASL-202 (with a grade of C or better).

Transfers to both UC/CSU

CSU Area(s): C2

AA/AS General Education: AA/AS C

ASL-299 Special Projects: American Sign Language
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two American Sign Language classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

ASL-501 Fingerspelling, Numbers & Classifiers (formerly ASL-102)
3 Units (LEC 48-54)

This course provides an in-depth study of fingerspelling techniques and study of number systems in ASL. The course will focus on the 26 hand configurations of the manual alphabet, numbers and Lexicalized Fingerspelling. This course addresses the use of classifiers and complex grammatical features in ASL. Classifiers will be defined and categorized. (formerly ASL 102)

Prerequisite: ASL-101 (with a grade of C or better).

Transfers to CSU only

ASL-505 American Sign Language Linguistics (formerly ASL-150)
3 Units (LEC 48-54)

This course provides an introduction to the linguistic structures of ASL: including phonology, morphology, syntax, and semantics. The course is required for completion of an articulated transfer program to include complex ASL grammatical features, advanced vocabulary, role shifting, space referencing, narratives, presentations and integration of etiquette into Deaf Culture. (formerly ASL 150)

Prerequisite: ASL-203 (with a grade of C or better).

Recommended Preparation: ANTH-145.

Transfers to CSU only

Anatomy & Physiology (ANAT)

ANAT-101 Human Anatomy & Physiology I 4 Units (LEC 48-54, LBE 48-54)

This course is the first in a two part series covering the topics of the chemical, cellular, and tissue levels of organization. In addition this course provides a systematic study of the anatomy and physiology of the following systems: integumentary, reproductive, skeletal, muscular, digestive and metabolic.

Recommended Preparation: BIOL-100 or BIOL-115 or BIOL-150 or CHEM-100 or CHEM-101 or CHEM-107.

Transfers to both UC/CSU

C-ID: BIOL 115S

C-ID: ANAT 101+102

IGETC Area(s): 5B, 5C

CSU Area(s): B2, B3

AA/AS General Education: AA/AS A

ANAT-102 Human Anatomy & Physiology II 4 Units (LEC 48-54, LBE 48-54)

This course covers the nervous, endocrine, cardiovascular, lymphatic, respiratory, and urinary systems as well as fluid and electrolyte homeostasis.

Prerequisite: ANAT-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: BIOL 115S

C-ID: ANAT 101+102

IGETC Area(s): 5B, 5C

CSU Area(s): B2, B3

AA/AS General Education: AA/AS A

ANAT-299 Special Projects: Anatomy & Physiology 1-3 Unit (IS 16-54)

This is an arranged class to study a selected topic or experimental design by contract with the instructor for students with previous course work in the specific program area. Arrangements may be made with the instructor to supervise the special project. These projects are available for variable units and involve research and special study in areas of interest within a given subject field. The actual nature of the project MUST be determined in consultation with the supervising instructor.

Prerequisite: Two Anatomy and Physiology classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

Anthropology (ANTH)

ANTH-101 Physical Anthropology 3 Units (LEC 48-54)

This is an introductory course from a scientific perspective about human evolution and human biological diversity. This course includes discussions of human genetics, natural selection, living primates, fossil evidence of human evolutionary change, and modern human variation. This course is designed to improve a student's understanding of modern human diversity and the processes involved in our species adaptation. A field trip may be required.

Transfers to both UC/CSU

C-ID: ANTH 110

IGETC Area(s): 5B

CSU Area(s): B2

AA/AS General Education: AA/AS A

ANTH-101H Honors Physical Anthropology 3 Units (LEC 48-54)

This is an introductory course from a scientific perspective about human evolution and human biological diversity. This course includes discussions of human genetics, natural selection, living primates, fossil evidence of human evolutionary change, and modern human variation. This course is designed to improve a student's understanding of modern human diversity and the processes involved in our species adaptation. A field trip may be required.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

C-ID: ANTH 110

IGETC Area(s): 5B

CSU Area(s): B2

AA/AS General Education: AA/AS A

ANTH-102 Cultural Anthropology 3 Units (LEC 48-54)

This introductory course explores the nature of culture and how culture guides human behavior. Cultural anthropologists study cultural phenomena such as language, gender, social classifications, subsistence, economics, social and political organization, marriage, kinship, religion, the arts, and culture change. This course focuses on an analysis of human behavior from a cross cultural perspective, as well as the professional attitudes of anthropological theory and ethics.

Transfers to both UC/CSU

C-ID: ANTH 120

IGETC Area(s): 4A

CSU Area(s): D1

AA/AS General Education: AA/AS B2, AA/AS F

ANTH-102H Honors Cultural Anthropology
3 Units (LEC 48-54)

This introductory course explores the nature of culture and how culture guides human behavior. Cultural anthropologists study cultural phenomena such as language, gender, social classifications, subsistence, economics, social and political organization, marriage, kinship, religion, the arts, and culture change. This course focuses on an analysis of human behavior from a cross cultural perspective, as well as the professional attitudes of anthropological theory and ethics.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

C-ID: ANTH 120

IGETC Area(s): 4A

CSU Area(s): D1

AA/AS General Education: AA/AS B2, AA/AS F

ANTH-104 World Prehistory
3 Units (LEC 48-54)

This course provides an introduction to the archaeological record documenting the development of civilizations, beginning with fully modern human beings. Topics that are studied include the origins of agriculture, the origins of writing and the development of cities and states. Cultures from around the world will be studied including China, the Andes, Mesopotamia, Sub-Saharan Africa, Europe and North America among others.

Transfers to both UC/CSU

IGETC Area(s): 4A

CSU Area(s): D1

AA/AS General Education: AA/AS B2

ANTH-104H Honors World Prehistory
3 Units (LEC 48-54)

This course provides an introduction to the archaeological record documenting the development of civilizations, beginning with fully modern human beings. Topics that are studied include the origins of agriculture, the origins of writing and the development of cities and states. Cultures from around the world will be studied including China, the Andes, Mesopotamia, Sub-Saharan Africa, Europe and North America among others.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

IGETC Area(s): 4A

CSU Area(s): D1

AA/AS General Education: AA/AS B2

ANTH-105 North American Indians (formerly ANTH-103A)
3 Units (LEC 48-54)

This course is an overview of the Indigenous Cultures of North America from prehistoric times to the present. Ethnohistory, archaeology, language studies and cultural anthropology are used to understand the diverse adaptations to the complex North American landscape, as well as the changes that occurred when Europeans arrived. All of this is background for understanding current issues in Indigenous America. (formerly ANTH 103A)

Transfers to both UC/CSU

IGETC Area(s): 4A

CSU Area(s): D1

AA/AS General Education: AA/AS B2, AA/AS F

ANTH-107 Indigenous People of Latin America (formerly ANTH-103D Latin American Cultures)
3 Units (LEC 48-54)

This course is an overview of Latin American culture and societies from prehistoric times to the present. Archaeology, ethnohistory, ethnography and linguistics are used to understand diverse cultural adaptations to the varied landscapes of Latin America by societies such as the Maya, Aztec and Inca. (formerly ANTH 103D)

Transfers to both UC/CSU

IGETC Area(s): 4A

CSU Area(s): D1

AA/AS General Education: AA/AS B2, AA/AS F

ANTH-111 Physical Anthropology Lab
1 Unit (LBE 48-54)

This course is an introductory laboratory course that investigates human evolution and human biological diversity from a scientific perspective. This includes human genetics, principles of natural selection, physical and behavioral characteristics of primates, fossil evidence of human evolutionary change, and modern human variation. A field trip may be required.

Prerequisite/Corequisite: ANTH-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: ANTH 115L

IGETC Area(s): 5C

CSU Area(s): B3

AA/AS General Education: AA/AS A

ANTH-115 Introduction to Archaeology
3 Units (LEC 48-54)

This course is an introduction to the field of archaeology, a sub-discipline of anthropology, in which artifacts and archaeological sites are examined in order to understand how culture has changed over time. Students in this course will be introduced to laboratory, survey and excavation techniques.

Transfers to both UC/CSU

C-ID: ANTH 150

IGETC Area(s): 4A

CSU Area(s): D1

AA/AS General Education: AA/AS B2

ANTH-121 California Indians
3 Units (LEC 48-54)

This is a survey course about the culture and society of Native Californians in the prehistoric period, during the Spanish occupation, during the Mexican occupation, and under the government of the United States. Emphasis is given to effects of introduced diseases, imposed religions, and invader governments upon the Native Californians from contact times to today. *Cross-listed as HIST-121.

Transfers to both UC/CSU

IGETC Area(s): 4A, 4F

CSU Area(s): D1, D3

AA/AS General Education: AA/AS B2, AA/AS F

ANTH-125 Magic, Witchcraft and Religion
3 Units (LEC 48-54)

This course examines different supernatural beliefs and associated rituals from a cross-cultural perspective. Using an anthropological perspective, students will study magic, witchcraft and religion in various societies from around the world, both past and present. Emphasis is placed on examining beliefs from the social context of the society in which it is practiced. Topics shall include creation myths, healing, sorcery, totemism, ancestor worship, shamanism and cults.

Transfers to both UC/CSU

IGETC Area(s): 4A

CSU Area(s): D1

AA/AS General Education: AA/AS B2, AA/AS F

ANTH-125H Honors Magic, Witchcraft and Religion
3 Units (LEC 48-54)

This course examines different supernatural beliefs and associated rituals from a cross-cultural perspective. Using an anthropological perspective, students will study magic, witchcraft and religion in various societies from around the world, both past and present. Emphasis is placed on examining beliefs from the social context of the society in which it is practiced. Topics shall include creation myths, healing, sorcery, totemism, ancestor worship, shamanism and cults.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

IGETC Area(s): 4A

CSU Area(s): D1

AA/AS General Education: AA/AS B2, AA/AS F

ANTH-145 Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)
3 Units (LEC 48-54)

This course is an introduction to the study of language from an anthropological perspective. It covers structural linguistics (phonetics, phonology, morphology, and syntax, and the biocultural basis for language) and historical linguistics (the origins and evolution of language and language families, including dialects). This course also focuses on sociocultural linguistics, or how language and culture are interrelated, including language acquisition in cultural context, language loss, and language conservation.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: ANTH 130

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

ANTH-145H Honors Introduction to Linguistic Anthropology (formerly Introduction to Language and Linguistics)
3 Units (LEC 48-54)

This course is an introduction to the study of language from an anthropological perspective. It covers structural linguistics (phonetics, phonology, morphology, and syntax, and the biocultural basis for language) and historical linguistics (the origins and evolution of language and language families, including dialects). This course also focuses on sociocultural linguistics, or how language and culture are interrelated, including language acquisition in cultural context, language loss, and language conservation.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

ANTH-201 Introduction to Forensic Anthropology
3 Units (LEC 48-54)

This course provides a basic overview of the field of forensic anthropology; human osteology; the techniques used to make estimations of age, sex, ancestry and stature; recovery techniques and the analytic techniques and procedures used in the medico-legal framework, as well as in human rights and mass disaster situations. Forensic Anthropology is the application of standard, scientific, anthropological techniques to identify human remains and to assist in the detection of a crime.

Recommended Preparation: ANTH-101.

Transfers to CSU only

AA/AS General Education: AA/AS A

**ANTH-299 Special Projects: Anthropology
1-3 Unit (IS 16-54)**

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Anthropology classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

**ANTH-510 Archaeological Survey (formerly ANTH-215)
3 Units (LAB 96-108, LEC 16-18)**

This course prepares students to professionally identify, locate, record and assess significance archaeological sites. Use of compass, GPS, and topographic maps will be stressed. This is an active field class which may require strenuous walking over rough terrain. (formerly ANTH 215)

Prerequisite/Corequisite: ANTH-104 or ANTH-115 (with a grade of C or better).

Recommended Preparation: ENGL-098 or ESL-098., MATH-090.

Transfers to CSU only

**ANTH-520 Archaeological Excavation (formerly ANTH-205)
3 Units (LAB 96-108, LEC 16-18)**

This course is about the systematic and legitimate recovery of artifacts from surface and/or buried archaeological sites. The focus is on techniques designed to preserve provenience and context of the artifacts for future scientific analysis. A field trip may be required. (formerly ANTH 205)

Prerequisite/Corequisite: ANTH-115 (with a grade of C or better).

Recommended Preparation: ENGL-098 or ESL-098., MATH-090.

Transfers to CSU only

**ANTH-530 Archaeology Laboratory (formerly ANTH-210)
3 Units (LAB 96-108, LEC 16-18)**

This course is an introduction to the laboratory processing and preliminary analyses carried out in archaeological investigations. Students will learn to conserve and catalog artifacts collected from archaeological sites, and identify and classify various artifacts while handling them appropriately and protecting their provenience information. Students will also learn curation standards for managing archaeological collections and anticipate ethical issues surrounding illicit antiquities trading and the care of human remains and burial objects. (formerly ANTH 210)

Prerequisite/Corequisite: ANTH-115 (with a grade of C or better).

Transfers to CSU only

Art (ART)

**ART-100 Art Appreciation
3 Units (LEC 48-54)**

This course introduces students to significant media, styles, periods and artists, with the intention of enhancing their appreciation of art and aesthetics. Students will learn by studying, analyzing and writing about a wide range of art forms. This course provides an overview for the student who has an interest in the context and history of art and culture.

Transfers to both UC/CSU

C-ID: ARTH 100

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C

**ART-101 Art History: Prehistoric Through Medieval Art
3 Units (LEC 48-54)**

This course is a survey class that provides a base of art historical knowledge covering the development of art from the Paleolithic era through the Middle Ages. Students will study a variety of art forms in the context of cultural and historical developments.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: ARTH 110

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C

**ART-101H Honors Art History: Prehistoric Through Medieval Art
3 Units (LEC 48-54)**

This course is a survey class that provides a base of art historical knowledge covering the development of art from the Paleolithic era through the Middle Ages. Students will study a variety of art forms in the context of cultural and historical developments.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C

**ART-102 Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)
3 Units (LEC 48-54)**

This course is a survey class that provides a base of historical knowledge covering the development of art from the Renaissance through the 20th century and introducing contemporary art of the 21st century. Students will study a variety of art forms in the context of cultural and historical developments.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C

ART-102H Honors Art History: Renaissance to 21st Century (formerly Art History: Renaissance to 20th Century Art)
3 Units (LEC 48-54)

This course is a survey class that provides a base of historical knowledge covering the development of art from the Renaissance through the 20th century and introducing contemporary art of the 21st century. Students will study a variety of art forms in the context of cultural and historical developments.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C

ART-103 Introduction to Modernism
3 Units (LEC 48-54)

This course surveys Modernist art, architecture and design. Students will study a variety of forms and artists in the context of cultural and historical developments, with an emphasis on Modernist culture and products in the United States and Europe.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: ARTH 150

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C

ART-103H Honors Introduction to Modernism
3 Units (LEC 48-54)

This course surveys Modernist art, architecture and design. Students will study a variety of forms and artists in the context of cultural and historical developments, with an emphasis on Modernist culture and products in the United States and Europe.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: ARTH 150

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C

ART-104 World Art
3 Units (LEC 48-54)

This course is a survey class introduces students to the art and architecture of Asia, the Islamic world, Indigenous North America, Africa and Oceania. It covers a variety of art forms in the context of their cultural settings, iconography, purpose and style.

Transfers to both UC/CSU

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C, AA/AS F

ART-104H Honors World Art
3 Units (LEC 48-54)

This course is a survey class introduces students to the art and architecture of Asia, the Islamic world, Indigenous North America, Africa and Oceania. It covers a variety of art forms in the context of their cultural settings, iconography, purpose and style.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C, AA/AS F

ART-108 Beginning Drawing
3 Units (ACT 96-108)

This course is an introduction to the fundamentals of drawing in a variety of media. Coursework includes an exploration of art fundamentals including the use of perspective and compositional principles. The course also emphasizes exercises meant to develop the student's observational skills, and motor skills. Students will primarily employ black and white media.

Transfers to both UC/CSU

C-ID: ARTS 110

CSU Area(s): C1

AA/AS General Education: AA/AS C

ART-109 Intermediate Drawing
3 Units (ACT 96-108)

This course is a continued study and refinement of skills and concepts acquired in Beginning Drawing. In addition to areas covered in Beginning Drawing coursework includes explorations of portraiture, color, and the expressive possibilities of drawing.

Prerequisite: ART-108 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: ARTS 205

CSU Area(s): C1

ART-112 Life Drawing
3 Units (ACT 96-108)

This course develops skills needed to successfully draw the human form. Areas covered include basic anatomy, perception of form, contour drawing, and modeling. Nude models are used.

Prerequisite: ART-108 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: ARTS 200

ART-115 Painting I
3 Units (ACT 96-108)

This course is an introduction to the fundamentals of painting. Coursework includes an explanation of materials, methods and techniques; the application of color theory and the principles of composition; and the development of visual perception and creative skills.

Recommended Preparation: ART-108 or ART-120.

Transfers to both UC/CSU

C-ID: ARTS 210

CSU Area(s): C1

ART-116 Painting II
3 Units (ACT 96-108)

This course involves the continued study and refinement of skills and concepts acquired in Painting I. In addition to areas covered in Painting I coursework includes an exploration of subjective color and the expressive possibilities of painting.

Prerequisite: ART-115 (with a grade of C or better) or portfolio.

Transfers to both UC/CSU

CSU Area(s): C1

ART-118 Watercolor/Mixed Media
3 Units (LAB 96-108, LEC 16-18)

This course introduces the student to watercolor and ink wash painting techniques, individual artistic styles and historic traditions in watercolor, ink wash and mixed-media painting. Students explore design principles, atmospheric perspective and color theory through class activities and projects. Traditional and contemporary approaches to media and subject are introduced and practiced. Coursework includes a hands-on exploration of technique with emphasis on composition, technique and expressive use of color.

Prerequisite: ART-108 (with a grade of C or better) or portfolio.

Transfers to both UC/CSU

Course Related Content Group: Painting

ART-119 Mural Painting
3 Units (LAB 96-108, LEC 16-18)

This course introduces design principles, paint application techniques and contemporary approaches to mural painting. Students create individual, original designs for site proposals. The class enlarges selected designs to complete as painted murals. Students are involved in site research, thematic design development and site painting.

Prerequisite: ART-108 (with a grade of C or better) or portfolio.

Transfers to both UC/CSU

Course Related Content Group: Painting

ART-120 2D Design
3 Units (ACT 96-108)

This course introduces the student to the principles of 2D design using the design elements of line, shape, space, value, texture, color, and form. Students will explore design concepts through projects that incorporate visual analysis, problem solving, and presentation.

Transfers to both UC/CSU

C-ID: ARTS 100

CSU Area(s): C1

AA/AS General Education: AA/AS C

ART-121 Color Theory
3 Units (ACT 96-108)

This course focuses on the organization of visual elements in accordance with the principles of design and color choices. Emphasis is placed on the study of the principles, theories, and applications of additive and subtractive color in two dimensions. Topics will include major historical and contemporary color systems, production of projects in applied color, and the elements of design as they apply to color.

Transfers to both UC/CSU

C-ID: ARTS 270

CSU Area(s): C1

AA/AS General Education: AA/AS C

ART-122 3D Design
3 Units (ACT 96-108)

This course introduces the student to the organizing elements of design as they pertain to three-dimensional objects and spatial environments. The course includes both representational and non-representational design outcomes. Students explore design principles through visual analysis, problem solving exercises and project revision. A range of media and both traditional and contemporary approaches to design are explored.

Recommended Preparation: ART-120.

Transfers to both UC/CSU

C-ID: ARTS 101

AA/AS General Education: AA/AS C

ART-123 Graphic Design I
3 Units (ACT 96-108)

This course develops conceptual thinking and visual representation skills in the graphic design process by using thumbnail sketches through full size layouts of analog to digital graphic concepts. The emphasis is on various approaches to problem solving in advertising and design for two-dimensional spaces. Markers and colored pencils will be used for concept development while industry standard software will be used for digital production.

Prerequisite: ART-131 (with a grade of C or better).

Recommended Preparation: ART-120.

Transfers to CSU only

AA/AS General Education: AA/AS C

ART-125 Introduction to Typography (formerly Graphic Design: Typography)
3 Units (ACT 96-108)

This course is an introduction to typography for visual communications in the graphic design industries. The class emphasizes the use of typography in the design process, including aspects of analytical and creative design through digital and print media. Students explore the evolution and classification of letterforms and investigate the structure, format, legibility, and expression. Exercises include both hand and digital skills.

Transfers to CSU only

ART-131 Introduction to Digital Art
3 Units (ACT 96-108)

This course is an introduction to fundamental concepts, practices, and theories of digital art production. Topics include integration of traditional design, color, motion and compositional principles with contemporary digital tools. This course gives students a firm understanding of the digital art medium and how design theories and concepts relate to creative digital works.

Transfers to both UC/CSU

C-ID: ARTS 250

AA/AS General Education: AA/AS C

ART-141 Illustration
3 Units (ACT 96-108)

This course will investigate illustration as a specific form of visual communication and its relationship to written information. Imagery generation and refinement in both black and white and color will be explored as well as the historical development of illustration in advertising. The course will focus on traditional studio methods involving drawing and painting as well as the materials and techniques most compatible with publishing.

Recommended Preparation: ART-141.

Transfers to both UC/CSU

ART-151 Ceramic Arts
3 Units (LAB 48-54, LEC 32-36)

This course is designed to familiarize students with the skills, methods and aesthetics of Fine Art Ceramics. This course facilitates the student's examination of basic ceramic processes, including hand building, wheel throwing and surface decoration. This course facilitates the critical evaluation of the creative work in the context of historical, traditional and contemporary ceramic arts.

Transfers to both UC/CSU

Course Related Content Group: Ceramics

ART-160 Sculpture
3 Units (LAB 48-54, LEC 32-36)

This course is designed to familiarize students with the skills, methods and aesthetics of sculpture. The course facilitates the student's knowledge and practice in basic sculpting processes, including modeling, casting and mixed-media assemblage. This course facilitates the critical evaluation of sculpture in the context of historical and contemporary art.

Transfers to both UC/CSU

CSU Area(s): C1

Course Related Content Group: Sculpture

ART-170 Intermediate Sculpture (formerly Foundry-Ceramic Shell Casting)
3 Units (ACT 96-108)

This course introduces intermediate-level, three-dimensional design principles, and a variety of traditional techniques and contemporary theory. Students create contemporary, original designs with an emphasis on material and personal expression. Instruction provides knowledge of bas-relief carving, modeling, mold-making, the lost wax method of bronze casting and surface patina.

Prerequisite: ART-160 (with a grade of C or better).

Transfers to CSU only

CSU Area(s): C1

ART-223 Graphic Design II
3 Units (ACT 96-108)

This course expands on the tools and procedures used by professional graphic designers. Using real-world oriented projects, students will execute production of concept development in packaging, three dimensional solutions, and design theory.

Prerequisite: ART-123 and ART-125 (with a grade of C or better).

Transfers to both UC/CSU

ART-299 Special Projects: Art
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Art classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

Course Related Content Group: Special Projects

ART-593 Graphic Design Practicum (formerly ART-093)
1 Unit (LAB 48-54)

This course explores and reinforces design research, social networking processes, and digital techniques needed in the Graphic Design and Digital Media courses. Offered as pass/no pass only. (formerly ART 093)

Transfers to CSU only

ART-595 Typography Practicum (formerly ART-095)
1 Unit (LAB 48-54)

This course explores and reinforces typographical and lettering research, personal learning networks, and digital techniques needed in the Graphic Design and Digital Media courses. Offered as pass/no pass only. (formerly ART 095)

Transfers to CSU only

Astronomy (ASTR)

ASTR-101 Introduction to Astronomy 4 Units (LEC 48-54, LBE 48-54)

This course introduces students to the science of astronomy. It examines the history of astronomy, tools and methods used by astronomers, planetary and stellar evolution, cosmology, and current topics such as quasars, black holes, etc. Field trips may be required.

Transfers to both UC/CSU
IGETC Area(s): 5A, 5C
CSU Area(s): B1, B3
AA/AS General Education: AA/AS A

ASTR-111 Planetary Astronomy 3 Units (LEC 48-54)

This course is an introductory course to Planetary Sciences and is an interdisciplinary scientific exploration of the solar system. Students will use the scientific method to examine properties and processes of solar system function and formation including the current hypotheses regarding the creation and evolution of the Earth and planetary bodies (moons, asteroids, comets, meteors, and the Sun). *Cross-listed as GEOL-111.

Transfers to both UC/CSU
IGETC Area(s): 5A
CSU Area(s): B1
AA/AS General Education: AA/AS A

ASTR-299 Special Projects: Astronomy 1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: One Astronomy class must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.
 Transfers to CSU only

Audio Technology (AUD)

AUD-140 Beginning Studio Recording 3 Units (LEC 48-54)

This course offers instruction in the basic concepts of multi-track recording. Instruction includes an examination of basic acoustics, microphones, mixers, monitors, signal processors, and recording techniques. *Cross-listed as MUS-140.

Transfers to CSU only
CSU Area(s): C1

AUD-141 Intermediate Studio Recording 3 Units (LEC 48-54)

This course offers instruction in multitrack recording techniques, equalization, mixing, microphone techniques, Foley, signal processing, and 3-dimensional recording. *Cross-listed as MUS-141.

Prerequisite: AUD-140/MUS-140 and AUD-143/MUS-143 (with a grade of C or better).
 Transfers to CSU only
CSU Area(s): C1

AUD-142 Advanced Studio Recording I 3 Units (LEC 48-54)

This course is the study of techniques used for audio-for-video and film. Study will include: multi-track recording, mixing, Foley, signal processing and ADR. *Cross-listed as MUS-142.

Prerequisite: AUD-141/MUS-141 (with a grade of C or better).
 Transfers to CSU only

AUD-143 Pro Tools 101 (formerly Computer Audio Editing) 3 Units (LEC 48-54)

This course is the introduction to audio editing techniques using Avid's Pro Tools software. Students will learn interface layout and organization, editing tools, input/output routing, mix and editing windows, clip organization, and audio effects usage and hierarchy. This course is part of the Avid Learning Partnership standards for a Pro Tools, User-level certificate (This is a third-party certificate and not related to Mt San Jacinto College or the California Community Colleges Chancellor's Office) *Cross-listed as MUS-143.

Transfers to CSU only

AUD-145 Pro Tools 110 (formerly Midi & Computer Recording) 3 Units (LEC 48-54)

This course offers instruction based on Avid's Pro Tools software. Instruction includes expanded hardware and software configurations; an in-depth study of tools for manipulating and editing audio and MIDI data; and applying various set-up techniques to accommodate larger, sophisticated mixing situations. *Cross-listed as MUS-145.

Prerequisite: AUD-143/MUS-143 (with a grade of C or better).
 Transfers to CSU only

AUD-147 The Music & Audio Business 3 Units (LEC 48-54)

This course acquaints students with business practices in the music and audio industries. Students taking this course will be educated in areas such as contracts, copyrights, publishing and industry trends. Other topics covered by this course include digital audio and music technologies such as streaming. *Cross-listed as BADM-147 and MUS-147.

Transfers to CSU only

AUD-148 Radio Production
3 Units (LEC 48-54)

This course acquaints students with major aspects of radio production and broadcasting. The course includes information regarding the broadcast process, on-air and production studios, and various types of hardware and software used for radio production and broadcast. Students will also be introduced to the protocols and etiquette of being an on-air personality.

Prerequisite: AUD-143/MUS-143 (with a grade of C or better).
 Transfers to CSU only

AUD-180 Video Production I
3 Units (LAB 48-54, LEC 32-36)

This course introduces students to the theoretical concepts and equipment operations of video production. Students will learn basic camera operations, lighting techniques, production techniques, audio-for-video techniques and video editing. Other topics covered in this course include acting, directing, storyboard, scripting, and production ethics.
 *Cross-listed as DIG-190.

Recommended Preparation: DIG-110.
 Transfers to both UC/CSU

AUD-183 Video Production II (formerly AUD-153)
3 Units (LEC 48-54)

This course covers the principles and techniques used to produce a television show for broadcast. Topics covered are video treatments; site research; scripting; on-location production which includes the use and operation of cameras, sound, and lighting; post-production editing and final render to broadcast standards. A field trip is required for on-location production. (formerly AUD 153)

Prerequisite: AUD-180 or DIG-190 (with a grade of C or better).
 Transfers to both UC/CSU

AUD-185 Television Studio Production & Broadcast
3 Units (LAB 48-54, LEC 32-36)

This course introduces students to the theories, operation and personnel staffing of a multi-camera television studio and control room. Topics include signal flow, operation of camera and audio equipment, switcher operation, graphics, fundamentals of studio/stage lighting, scripting, and real-time video production.

Prerequisite: AUD-180 (with a grade of C or better).
 Transfers to CSU only

AUD-299 Special Projects: Audio Technology
0.5-4 Units (IS 8-72)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Audio Technology classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.
 Transfers to CSU only

AUD-546 Recording Music and Live Sound (formerly AUD-146)
3 Units (LEC 48-54)

This course offers instruction in microphone techniques for vocals, acoustic musical instruments and electronic musical instruments. Students will also receive instruction in advanced mixdown techniques and in the use of public address systems as applied to live sound (concert and theater) situations. *Cross-listed as MUS-546. (formerly AUD 146)

Prerequisite: AUD-141/MUS-141 (with a grade of C or better).
 Transfers to CSU only

AUD-549 Cooperative Work Experience: Audio and Video Technology
(formerly AUD-149)
0.5-8 Units CWE Paid 37.5-600/Non-paid 30-480

This course is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the students' educational or occupational goal (Title 5 section 55252). Students may earn a maximum of (8) semester credit hours during one enrollment period. Students may earn up to a total of 16 semester credit hours for all Cooperative Work Experience Education. Offered as pass/no pass only. (formerly AUD 149)

Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. A training agreement must be completed prior to registration. Please refer to the Cooperative Work Experience Student Handbook for specific information.
 Transfers to CSU only

Automotive/Transportation Tech (AUME)

AUME-299 Special Projects: Auto Mechanics
1-6 Unit (IS 16-108)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Automotive Technology classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.
 Transfers to CSU only

AUME-549 Cooperative Work Experience: Automotive and Transportation Technologies (formerly AUME-149)
0.5-8 Units CWE Paid 37.5-600/Non-paid 30-480

This course is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the students' educational or occupational goal (Title 5 section 55252). Students may earn a maximum of (8) semester credit hours during one enrollment period. Students may earn up to a total of 16 semester credit hours for all Cooperative Work Experience Education. Offered as pass/no pass only. (formerly AUME 149)

Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. A training agreement must be completed prior to registration. Please refer to the Cooperative Work Experience Student Handbook for specific information.
 Transfers to CSU only

AUME-700 Basic Auto Mechanics (formerly AUME-072)
4 Units (LAB 48-54, LEC 48-54)

This course covers the theory of operation of automobiles and light trucks. The eight basic areas of automotive technology are explored. Special emphasis is placed upon entry into the automotive repair industry as a career choice. In order to provide some practical experience and impart skills intended to augment student employability, some basic maintenance procedures are performed as part of the coursework. (formerly AUME 072)

Not transferable

AUME-710 Express Service (formerly AUME-079)
2 Units (LAB 48-54, LEC 16-18)

This course is specifically designed for performing express service maintenance such as oil service, checking brakes, and rotating tires. (formerly AUME 079)

Not transferable

AUME-720 Basic Maintenance Light Repair I (MLR) (formerly AUME-089)
4 Units (LAB 48-54, LEC 48-54)

This course is designed to prepare today's technician for entry level employment in Vehicle Maintenance and Light Repair (MLR) as identified by the Automotive Industry. This is part one of three parts in the General Technician Training Program. (G1-NATEF Certification) (formerly AUME 089)

Not transferable

AUME-721 Basic Maintenance Light Repair II (MLR) (formerly AUME-090)
4 Units (LAB 96-108, LEC 32-36)

This course covers the repair of scheduled services on common road vehicles. Basic automotive systems are explored with an emphasis on maintenance and light repair (MLR) as recommended by industry. An overview of automotive technology as a career choice is emphasized. (AUME 090)

Prerequisite: AUME-720 (with a grade of C or better).
Not transferable

AUME-722 Maintenance Light Repair III (MLR) (formerly AUME-091)
3 Units (LAB 48-54, LEC 32-36)

This course is specifically designed to meet industry standard requirements for car care service technicians. Students wishing to become employed as an Express Service technician must successfully complete this course. (formerly AUME 091)

Prerequisite: AUME-721 (with a grade of C or better).
Not transferable

AUME-750 Automotive Engine Theory and Repair (Bottom End) (formerly AUME-092A)
3 Units (LAB 48-54, LEC 32-36)

This course covers the theory of operation, diagnosis, disassembly, inspection and repair of the cylinder block portion or lower end of a modern automotive internal combustion engine, including the pistons, crankshaft and engine lubrication system. (formerly AUME 092A)

Recommended Preparation: AUME-700.
Not transferable

AUME-751 Automotive Engine Theory and Repair (Upper End) (formerly AUME-092B)
3 Units (LAB 48-54, LEC 32-36)

This course covers the theory of operation, disassembly, inspection, repair and reassembly of the cylinder heads and timing components, usually referred to as the upper end, of a modern internal combustion engine. (formerly AUME 092B)

Prerequisite: AUME-750 (with a grade of C or better).
Recommended Preparation: AUME-700.
Not transferable

AUME-760 Automatic Transmissions & Transaxles (formerly AUME-070A)
4 Units (LAB 48-54, LEC 48-54)

This course encompasses the service, diagnosis and repair of automatic transmissions and transaxles in modern automobiles and light trucks. Upon successful completion of the course, the student will be able to apply a systematic approach to the diagnosis and repair of common transmission and transaxle faults. The course content is intended to prepare the student to pass the ASE A2 Automatic Transmission and Transaxle certification exam. (formerly AUME 070A)

Recommended Preparation: AUME-700.
Not transferable

AUME-761 Manual Transmissions & Transaxles (formerly AUME-070B)
4 Units (LAB 48-54, LEC 48-54)

This course covers the theory of operation, diagnosis and repair of manual transmissions or transaxles, clutches, drivelines, final drive units and four-wheel or all-wheel drive assemblies. The student will obtain the skills needed to properly diagnose and repair manual transmission and drive train faults. The course is designed to help the student to prepare to take the ASE A3 Manual Transmission/Transaxle certification exam. (formerly AUME 070B)

Recommended Preparation: AUME-700.
Not transferable

AUME-770 Automotive Suspension, Steering and Alignment Systems (formerly AUME-120)
4 Units (LAB 96-108, LEC 32-36)

This course covers the design, principles of operation, diagnosis, repair and alignment of suspension and steering systems used on imported and domestic vehicles and light trucks. The experience gained in this course is intended to prepare the student for entry level employment as an automotive suspension technician. (formerly AUME 120)

Recommended Preparation: AUME-700 or previous high school introductory automotive course.
Not transferable

AUME-771 Automotive Brake Systems (formerly AUME-095)
4 Units (LAB 48-54, LEC 48-54)

This course covers the theory of operation, diagnosis and repair of automotive brake systems. The experience gained in this course prepares the student for entry-level employment as an automotive brake technician. (formerly AUME 095)

Recommended Preparation: AUME-700.
 Not transferable

AUME-780 Automotive Electrical/Electronics I (formerly AUME-096)
4 Units (LAB 48-54, LEC 48-54)

This course covers the theory of electricity, use of meters and test equipment, use of wiring diagrams, diagnosis and repair or replacement of major electrical components of automotive and light trucks. Major areas of study include batteries, starting, charging and ignition systems as well as electrical accessories. This course will assist the student in preparing for the ASE A6 exam. (formerly AUME 096)

Recommended Preparation: AUME-700 or previous high school automotive course.
 Not transferable

AUME-781 Automotive Electrical/Electronics II (formerly AUME-097)
4 Units (LAB 96-108, LEC 32-36)

This course covers electricity and electronics, the use of electrical test equipment, wiring diagrams, diagnosis and repair/replacement/diagnosis of major electrical components of automobiles. (formerly AUME 097)

Prerequisite: AUME-780 (with a grade of C or better).
 Not transferable

AUME-790 Engine Performance I (formerly AUME-087)
4 Units (LAB 48-54, LEC 48-54)

This course covers theory of operation, diagnosis and service of automotive engines and related sub-systems. The use of test equipment and the repair or replacement of major components of passenger vehicles is also covered. Areas of study include the starting, charging and ignition systems. This course is designed for learners wishing to develop skills in diagnosis and repair of current and emerging technologies. This course will assist in preparation for ASE A-8 exam. (formerly AUME 087)

Recommended Preparation: AUME-700 or previous high school automotive courses.
 Not transferable

AUME-791 Engine Performance II (formerly AUME-088)
4 Units (LAB 72-81, LEC 40-45)

This course is an intense study of the design and operation of fuel management systems including domestic and import feedback fuel control, electronic ignition, and computer controlled systems. Emphasis is placed on the correct diagnosis of and proper repair procedures for those systems. (formerly AUME 088)

Prerequisite: AUME-790 (with a grade of C or better).
Recommended Preparation: AUME-700 or AUME-780.
 Not transferable

AUME-795 Automotive Heating, Ventilation and Air Conditioning (formerly AUME-093)
4 Units (LAB 48-54, LEC 48-54)

This course is an in-depth study of the design and operation of contemporary automotive air conditioning and heating systems. Emphasis is placed on the theory, diagnosis and repair procedures used for these systems and includes an introduction to automatic A/C systems. This course also helps to prepare the student for the ASE A7 (Air Conditioning and Heating) certification exam. (formerly AUME 093)

Recommended Preparation: AUME-700.
 Not transferable

AUME-800 Introduction to Hybrid and Electric Vehicle Technology (formerly AUME-084)
3 Units (LAB 48-54, LEC 32-36)

This course explores the technologies used in modern hybrid and electric vehicle propulsion systems. Topics discussed include high voltage service safety precautions, power inverter and battery technologies as well as hybrid/electric vehicle driveability and maintenance issues. Hybrid and electric vehicle integrated propulsion systems produced by various manufacturers will be compared and contrasted. This course is intended to assist the student in preparing to take the ASE L3 Hybrid and Electric Vehicle Specialist Certification Exam. (formerly AUME 084)

Prerequisite: AUME-780 (with a grade of C or better) or Instructor Approval.
 Not transferable

Aviation Science (AVIA)

AVIA-500 Aviation Weather
3 Units (LEC 48-54)

This course is an in-depth study of aviation weather to prepare the student for employment as a professional pilot. The information covered in this course is an expansion of the weather information found in other AVIA courses.

Transfers to CSU only

AVIA-503 Private Pilot
4.5 Units (LAB 72-81, LEC 48-54)

This course covers the aeronautical knowledge and flight maneuvers students must demonstrate to earn a Private Pilot Certificate.

Corequisite: AVIA-700.

Other Enrollment Criteria: The cost of flight training is in addition to the fees collected by the college. Students pay the flight school contracted by the college directly for flight training.
 Transfers to CSU only

AVIA-505 Instrument Rating
4.5 Units (LAB 72-81, LEC 48-54)

This course covers the aeronautical knowledge and flight maneuvers and operations students must demonstrate in order to earn an Instrument Rating from the Federal Aviation Administration (FAA).

Prerequisite: AVIA-503 (with a grade of C or better).

Other Enrollment Criteria: The cost of flight training is in addition to the fees collected by the college. Students pay the flight school contracted by the college directly for flight training.

Transfers to CSU only

AVIA-507 Commercial Pilot
6 Units (LAB 144-162, LEC 48-54)

This course covers the aeronautical knowledge and flight maneuvers students must demonstrate in order to earn a Commercial Pilot Certificate from the Federal Aviation Administration (FAA).

Prerequisite: AVIA-505 (with a grade of C or better).

Other Enrollment Criteria: The cost of flight training is not included in the fees collected by the college. Students pay the flight school contracted by the college directly for flight training.

Transfers to CSU only

AVIA-700 Aviation Orientation
1 Unit (LEC 16-18)

This course is an orientation to the Aviation Science Program at MSJC. It will provide students with the information necessary to assess their ability to meet the regulatory requirements for employment in their chosen aviation career. Students will develop an Aviation Career Plan. This plan will include the training needed to reach the student's career goal as well as the cost of training and resources available to offset those costs.

Corequisite: AVIA-503.

Not transferable

AVIA-710 Certified Flight Instructor
4.5 Units (LAB 72-81, LEC 48-54)

This course covers the aeronautical knowledge needed to become a Certified Flight Instructor (CFI). Students will learn how to plan instructional activities and develop instructional material. Students will also learn how to analyze and develop scenarios to help students develop aeronautical problem solving skills. Students will analyze flight operations and maneuvers in order to effectively explain and demonstrate them to students as well as to anticipate typical student problems and mistakes in executing them.

Prerequisite: AVIA-507 (with a grade of C or better).

Other Enrollment Criteria: The cost of flight training is in addition to the fees collected by the college. Students pay the flight school contracted by the college directly for flight training.

Not transferable

Biology (BIOL)

BIOL-100 Human Biology
4 Units (LEC 48-54, LBE 48-54)

This course is an introduction to scientific and biological principles presented in a human context. Topics covered include the scientific method, cell structure and function, biochemistry, metabolism, genetics, human anatomy and physiology with a review of organ systems and the application of biotechnology.

Transfers to both UC/CSU

IGETC Area(s): 5B, 5C

CSU Area(s): B2, B3

AA/AS General Education: AA/AS A

BIOL-100H Honors Human Biology
4 Units (LEC 48-54, LBE 48-54)

This course is an introduction to scientific and biological principles presented in a human context. Topics covered include the scientific method, cell structure and function, biochemistry, metabolism, genetics, human anatomy and physiology with a review of organ systems and the application of biotechnology.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

IGETC Area(s): 5B, 5C

CSU Area(s): B2, B3

AA/AS General Education: AA/AS A

BIOL-115 Introductory Topics in Biology: Cells to Ecosystems (formerly Topics in Biology)
4 Units (LEC 48-54, LBE 48-54)

This introductory course investigates topics in biology from cells to ecosystems. Topics include molecules of life, metabolism, information flow, evolution, biodiversity, ecological interactions, and current issues in science. Students will apply the process of science in the laboratory to investigate the course topics. Field trips may be part of the course.

Transfers to both UC/CSU

IGETC Area(s): 5B, 5C

CSU Area(s): B2, B3

AA/AS General Education: AA/AS A

BIOL-115H Honors Introductory Topics in Biology: Cells to Ecosystems (formerly Honors Topics in Biology)
4 Units (LEC 48-54, LBE 48-54)

This introductory course investigates topics in biology from cells to ecosystems. Topics include molecules of life, metabolism, information flow, evolution, biodiversity, ecological interactions, and current issues in science. Students will apply the process of science in the laboratory to investigate the course topics. Field trips may be part of the course.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

IGETC Area(s): 5B, 5C

CSU Area(s): B2, B3

AA/AS General Education: AA/AS A

BIOL-117 Conservation Biology
3 Units (LEC 48-54)

This course investigates the science of preserving biodiversity and sustaining the earth. This is an interdisciplinary, introductory course that examines the human impact on biodiversity and the earth. The course synthesizes the fields of ecology, evolution, genetics, philosophy, economics, sociology, and political science with emphasis on the development of strategies for preserving populations, species, biological communities, and ecosystems. This course is not intended for biology majors.

Transfers to both UC/CSU

IGETC Area(s): 5B

CSU Area(s): B2

AA/AS General Education: AA/AS A

BIOL-125 Microbiology
4 Units (LEC 40-45, LBE 72-81)

This course covers general microbiology, including topics on morphology, metabolism, genetics, epidemiology, infectious diseases, immunity and control of microorganisms. Students will learn aseptic laboratory techniques and the importance of aseptic procedures in clinical settings.

Prerequisite: ANAT-101 or BIOL-115 or BIOL-100 (with a grade of C or better) and CHEM-107, CHEM-100 or CHEM-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 5B, 5C

CSU Area(s): B2, B3

AA/AS General Education: AA/AS A

BIOL-125H Honors Microbiology
4 Units (LEC 40-45, LBE 72-81)

This course covers general microbiology, including topics on morphology, metabolism, genetics, epidemiology, infectious diseases, immunity and control of microorganisms. Students will learn aseptic laboratory techniques and the importance of aseptic procedures in clinical settings.

Prerequisite: ANAT-101 or BIOL-115 or BIOL-100 (with a grade of C or better) and CHEM-107, CHEM-100 or CHEM-101 (with a grade of C or better)., Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

IGETC Area(s): 5B, 5C

CSU Area(s): B2, B3

AA/AS General Education: AA/AS A

BIOL-128 History of Science
3 Units (LEC 48-54)

This course surveys the history of science from its early beginnings to its development in various civilizations, eras and regions. Students explore the impact of science on humanity in the context of the economic, social, and political realities of different cultures. Underlying assumptions, methods and key ideas in science are surveyed from ancient insights through the Scientific Revolution and recent biotechnology innovations, with particular emphasis on the intersection of science and popular belief. *Cross-listed as HIST-128.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 4F, 4G

CSU Area(s): D6, D7

AA/AS General Education: AA/AS B2

BIOL-128H Honors History of Science
3 Units (LEC 48-54)

This course surveys the history of science from its early beginnings to its development in various civilizations, eras and regions. Students explore the impact of science on humanity in the context of the economic, social, and political realities of different cultures. Underlying assumptions, methods and key ideas in science are surveyed from ancient insights through the Scientific Revolution and recent biotechnology innovations, with particular emphasis on the intersection of science and popular belief. *Cross-listed as HIST-128H.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 4F, 4G

CSU Area(s): D6, D7

AA/AS General Education: AA/AS B2

BIOL-130 Marine Biology
4 Units (LEC 48-54, LBE 48-54)

This course explores biology by examining the characteristics of marine organisms and the ocean environment. Some of the topics covered in this course are the physical and chemical environment of the ocean, diversity of marine organisms, marine ecosystems and interactions, adaptations to the marine environment, and human impacts on the oceans. Students may be required to attend field trips. This course is not intended for biology majors.

Transfers to both UC/CSU

IGETC Area(s): 5B, 5C

CSU Area(s): B2, B3

AA/AS General Education: AA/AS A

BIOL-131 Genes and Biotechnology in Society
4 Units (LEC 48-54, LBE 48-54)

This course examines a variety of topics in biology related to genes and DNA technologies. Topics emphasized include the structure and biochemical processes of cells, classical and molecular genetics, gene expression, stem cell technologies and biotechnology. The laboratory experience develops fundamental skills used in biotechnology labs including performing biological assays, laboratory documentation, microscopy, DNA manipulation, and genetic modification of bacterial cells. Field trips may be required.

Transfers to both UC/CSU

IGETC Area(s): 5B, 5C

CSU Area(s): B2, B3

AA/AS General Education: AA/AS A

BIOL-131H Honors Genes and Biotechnology in Society
4 Units (LEC 48-54, LBE 48-54)

This course examines a variety of topics in biology related to genes and DNA technologies. Topics emphasized include the structure and biochemical processes of cells, classical and molecular genetics, gene expression, stem cell technologies and biotechnology. The laboratory experience develops fundamental skills used in biotechnology labs including performing biological assays, laboratory documentation, microscopy, DNA manipulation, and genetic modification of bacterial cells. Field trips may be required.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

IGETC Area(s): 5B, 5C

CSU Area(s): B2, B3

AA/AS General Education: AA/AS A

BIOL-134 Human Heredity and Evolution
3 Units (LEC 48-54)

This is an introductory course in basic human genetics and evolution. This course introduces students to central theories of the biological sciences using the chemical and biological aspects of human genetics as its main theme. In addition, students are introduced to the political, philosophical and ethical implications of human heredity and evolution. This course is not intended for biology majors.

Transfers to both UC/CSU

IGETC Area(s): 5B

CSU Area(s): B2

AA/AS General Education: AA/AS A

BIOL-140 Ecology
4 Units (LEC 48-54, LBE 48-54)

This course covers ecological principles with a focus on biodiversity, ecosystem function, and the inter-relationship of the biotic and abiotic components of the environment. There are four required field trips to major ecosystem types, including ocean, mountain, chaparral, and desert biomes.

Transfers to both UC/CSU

IGETC Area(s): 5B, 5C

CSU Area(s): B2, B3

AA/AS General Education: AA/AS A

BIOL-144 Plant Biology
4 Units (LEC 48-54, LBE 48-54)

This course is a survey of the biology of plants, other photosynthetic organisms and fungi. It explores the structure, function, evolution, reproduction, genetics, and ecology of plants in addition to their importance to people. The lab component provides experience with plant anatomy, morphology, growth, metabolism, reproduction and propagation. Field trips may be required. This course is not intended for biology majors.

Transfers to both UC/CSU

IGETC Area(s): 5B, 5C

CSU Area(s): B2, B3

AA/AS General Education: AA/AS A

BIOL-144H Honors Plant Biology
4 Units (LEC 48-54, LBE 48-54)

This course is a survey of the biology of plants, other photosynthetic organisms and fungi. It explores the structure, function, evolution, reproduction, genetics, and ecology of plants in addition to their importance to people. The lab component provides experience with plant anatomy, morphology, growth, metabolism, reproduction and propagation. Field trips may be required. This course is not intended for biology majors.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

IGETC Area(s): 5B, 5C

CSU Area(s): B2, B3

AA/AS General Education: AA/AS A

BIOL-146 Biodiversity
3 Units (LEC 48-54)

This course examines the biodiversity of life. Theories about the evolution and diversity of life are introduced with an emphasis on current threats to biodiversity by human activity. This course is a survey of the biodiversity of life on earth through an exploration of the structure, function, evolution, reproduction, genetics, and ecology of organisms past and present. Field trips may be required. This course is not intended for biology majors.

Transfers to both UC/CSU

IGETC Area(s): 5B

CSU Area(s): B2

AA/AS General Education: AA/AS A

BIOL-150 General Biology I
4 Units (LEC 48-54, LBE 48-54)

This course, intended for science majors, is an intensive modern study of biology designed to prepare students for upper-division science courses. Topics include the biochemical, molecular, metabolic, genetic, and evolutionary aspects of cells and organisms. Students will apply their understanding of biology concepts in the laboratory to develop an understanding of the philosophy of science, methods of scientific inquiry and experimental design. Field trips may be required.

Prerequisite: MATH-105 (with a grade of C or better).

Recommended Preparation: Additional high school or college Biology and Chemistry courses., ENGL-101.

Transfers to both UC/CSU

C-ID: BIOL 190

C-ID: BIOL 135S

IGETC Area(s): 5B, 5C

CSU Area(s): B2, B3

AA/AS General Education: AA/AS A

BIOL-150H Honors General Biology I
4 Units (LEC 48-54, LBE 48-54)

This course, intended for science majors, is an intensive modern study of biology designed to prepare students for upper-division science courses. Topics include the biochemical, molecular, metabolic, genetic, and evolutionary aspects of cells and organisms. Students will apply their understanding of biology concepts in the laboratory to develop an understanding of the philosophy of science, methods of scientific inquiry and experimental design. Field trips may be required.

Prerequisite: Acceptance into the Honors Enrichment Program., MATH-105 (with a grade of C or better).

Recommended Preparation: Additional high school or college Biology and Chemistry courses., ENGL-101.

Transfers to both UC/CSU

C-ID: BIOL 190

C-ID: BIOL 135S

IGETC Area(s): 5B, 5C

CSU Area(s): B2, B3

AA/AS General Education: AA/AS A

BIOL-151 General Biology II
4 Units (LEC 48-54, LBE 48-54)

This course, intended for science majors, is the second in a two-semester sequence of intensive modern biology study designed to prepare science majors for upper-division science courses. Topics include the biodiversity, phylogeny, anatomy, physiology and ecology of bacteria, archaea, simple eukaryotic organisms, plants and animals. Students will investigate these topics through laboratory activities that include extensive specimen observation, dissection, and field experiences. Field trips may be required.

Prerequisite: BIOL-150 (with a grade of C or better).

Recommended Preparation: ENGL-098 or ESL-098.

Transfers to both UC/CSU

C-ID: BIOL 135S

IGETC Area(s): 5B, 5C

CSU Area(s): B2, B3

AA/AS General Education: AA/AS A

BIOL-151H Honors General Biology II
4 Units (LEC 48-54, LBE 48-54)

This course, intended for science majors, is the second in a two-semester sequence of intensive modern biology study designed to prepare science majors for upper-division science courses. Topics include the biodiversity, phylogeny, anatomy, physiology and ecology of bacteria, archaea, simple eukaryotic organisms, plants and animals. Students will investigate these topics through laboratory activities that include extensive specimen observation, dissection, and field experiences. Field trips may be required.

Prerequisite: Acceptance into the Honors Enrichment Program., BIOL-150 (with a grade of C or better).

Recommended Preparation: ENGL-098 or ESL-098.

Transfers to both UC/CSU

C-ID: BIOL 135S

IGETC Area(s): 5B, 5C

CSU Area(s): B2, B3

AA/AS General Education: AA/AS A

BIOL-299 Special Projects: Biology
1-5 Unit (IS 16-90)

This is an arranged class to study a selected topic or experimental design by contract with the instructor for students with previous course work in the specific program area. Arrangements may be made with the instructor to supervise the special project. These projects are available for variable units and involve research and special study in areas of interest within a given subject field. The actual nature of the project MUST be determined in consultation with the supervising instructor.

Prerequisite: Two Biology classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

Business Administration (BADM)

BADM-103 Introduction to Business
3 Units (LEC 48-54)

This course is an introduction to business in a setting where U.S. companies operate in a constantly changing global business environment. Students completing the course should be capable of analyzing businesses of various sizes, organizations and ownership forms, understanding business ethics and social responsibility in global markets, analyzing the economic challenges facing businesses, understanding global competitive methodologies, and understanding domestic and international labor-management relations issues and the use of technology and information in business.

Transfers to both UC/CSU

C-ID: BUS 110

BADM-103H Honors Introduction to Business
3 Units (LEC 48-54)

This course is an introduction to business in a setting where U.S. companies operate in a constantly changing global business environment. Students completing the course should be capable of analyzing businesses of various sizes, organizations and ownership forms, understanding business ethics and social responsibility in global markets, analyzing the economic challenges facing businesses, understanding global competitive methodologies, and understanding domestic and international labor-management relations issues and the use of technology and information in business.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

C-ID: BUS 110

BADM-104 Business Communications
3 Units (LEC 48-54)

This course applies principles, strategies, and techniques of effective written, oral, and digital business communications to the creation of letters, memos, emails, along with written and oral reports for a variety of business situations and environments. The course emphasizes planning, organizing, composing, and revising business documents using word processing and presentation software. The course includes productive techniques for business meetings and communicating professionally in an increasingly global, digital workplace.

Transfers to CSU only

BADM-104H Honors Business Communications
3 Units (LEC 48-54)

This course applies principles, strategies, and techniques of effective written, oral, and digital business communications to the creation of letters, memos, emails, along with written and oral reports for a variety of business situations and environments. The course emphasizes planning, organizing, composing, and revising business documents using word processing and presentation software. The course includes productive techniques for business meetings and communicating professionally in an increasingly global, digital workplace.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to CSU only

BADM-147 The Music & Audio Business
3 Units (LEC 48-54)

This course acquaints students with business practices in the music and audio industries. Students taking this course will be educated in areas such as contracts, copyrights, publishing and industry trends. Other topics covered by this course include digital audio and music technologies such as streaming. *Cross-listed as AUD-147 and MUS-147.

Transfers to CSU only

BADM-201 Legal Environment of Business
3 Units (LEC 48-54)

This course is an introduction to the legal environment of business. Subjects include legal systems, sources of law, social and governmental impacts on private enterprise, ethics and professional responsibility, alternate dispute resolution, agency, warranties, international law, and Constitutional law. Students will perform case and regulation analyses on contracts, including e-contracts, consumerism, employment relationships, business torts and criminal law issues, and study business organization forms.

Prerequisite: BADM-103 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: BUS 120

BADM-299 Special Projects: Business
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Business classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

BADM-501 Introduction to Winery Business Principles (formerly BADM-108)
3 Units (LEC 48-54)

This course is an introduction to the business of winemaking; marketing, basic accounting, media relations, product management, inventory control, state and federal compliance licensing, industry trends, distribution channels, wine club development and management, human resources and ALC management, state and federal taxation, insurance, vintage forecasting and industry contracts. *Cross-listed as WINE-501. (formerly BADM 108)

Transfers to CSU only

BADM-530 Small Business Entrepreneurship (formerly BADM-150)
3 Units (LEC 48-54)

This course introduces the challenges for the small business entrepreneur, including the formation, management, and success of a small business. Topics include financing, personnel, marketing, record keeping, some applicable laws, available governmental assistance, and techniques for starting and staying in business. Upon completion, students should be able to develop a small business plan. (formerly BADM 150)

Prerequisite/Corequisite: BADM-103 (with a grade of C or better).

Transfers to CSU only

BADM-535 Principles of Salesmanship (formerly BADM-157)
3 Units (LEC 48-54)

This course covers the fundamental principles of selling, including prospecting techniques, defining the sales process, sales presentation methods, and anticipating and overcoming objections. In addition, this course focuses on the study of the sales profession and will investigate common traits, motivational techniques, current trends, and the salesperson's role in company operations. (formerly BADM 157)

Transfers to CSU only

BADM-545 Business Computer Applications (formerly BADM-097)
3 Units (LEC 48-54)

This course explores computer technological tools used in a dynamic business environment. The course will introduce a wide range of information and communication applications used by professionals to support and enhance business processes and decision making. This is a project based course focused on using technologies to solve business problems and improve productivity. (formerly BADM 097)

Transfers to CSU only

BADM-549 Cooperative Work Experience: Business Administration (formerly BADM-149)
0.5-8 Units CWE Paid 37.5-600/Non-paid 30-480

This course is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the students' educational or occupational goal (Title 5 section 55252). Students may earn a maximum of (8) semester credit hours during one enrollment period. Students may earn up to a total of 16 semester credit hours for all Cooperative Work Experience Education. Offered as pass/no pass only. (formerly BADM 149)

Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. A training agreement must be completed prior to registration. Please refer to the Cooperative Work Experience Student Handbook for specific information. Transfers to CSU only

BADM-710 Business Math (formerly BADM-085)
3 Units (LEC 48-54)

This course applies basic arithmetic calculations to business operations, concepts and principles. The focus is on the role mathematics plays in the business decision-making process. Students will be presented with business scenarios that require basic mathematical analysis. They will learn how to perform the calculations and interpret the results to formulate business decisions. (formerly BADM 085)

Not transferable

Chemistry (CHEM)

CHEM-100 Introduction to Chemistry
4 Units (LEC 48-54, LBE 48-54)

This course is a survey of basic chemistry topics. The topics covered are: metric system and numbers, chemical view of matter, periodic table of elements, atomic theory, chemical bonds, chemical equations, stoichiometry, and solutions. This course is intended as preparation for major's chemistry, allied health, and general education.

Prerequisite: MATH-090 (with a grade of C or better) or completion with a C or better of MATH-094 or MATH-096 or a transfer-level math course also meets the prerequisite or placement in a higher-level math course also meets the prerequisite. California law (AB 705) allows placement of students in college-level math and clears the prerequisite for this course.

Recommended Preparation: MATH-096, MATH-094.

Transfers to both UC/CSU

C-ID: CHEM 101

IGETC Area(s): 5A, 5C

CSU Area(s): B1, B3

AA/AS General Education: AA/AS A

CHEM-101 General Chemistry I
5 Units (LEC 48-54, LBE 96-108)

This course covers principles of chemistry with special emphasis on atomic structure, stoichiometry, chemistry of aqueous solutions, balancing reactions, thermochemistry, periodic relationships among the elements, chemical bonding, geometry of molecules, hybridization and molecular orbital theory.

Prerequisite: MATH-105 (with a grade of C or better) or completion with a C or better of MATH-110, MATH-135, MATH-211, MATH-213, MATH-215, or MATH-218 meets the prerequisite or placement into MATH-211 or higher meets the prerequisite, AND CHEM-100 (with a grade of C or better) or one year of high school chemistry.

Recommended Preparation: Earn a mastery score of at least 95% on the ALEKS Preparatory Chemistry Course.

Transfers to both UC/CSU

C-ID: CHEM 110

IGETC Area(s): 5A, 5C

CSU Area(s): B1, B3

AA/AS General Education: AA/AS A

CHEM-101H Honors General Chemistry I
5 Units (LEC 48-54, LBE 96-108)

This course covers principles of chemistry with special emphasis on atomic structure, stoichiometry, chemistry of aqueous solutions, balancing reactions, thermochemistry, periodic relationships among the elements, chemical bonding, geometry of molecules, hybridization and molecular orbital theory.

Prerequisite: MATH-105 (with a grade of C or better) or completion with a C or better of MATH-110, MATH-135, MATH-211, MATH-213, MATH-215, or MATH-218 meets the prerequisite OR placement into MATH-211 or higher meets the prerequisite AND, Acceptance into the Honors Enrichment Program., CHEM-100 (with a grade of C or better) or one year of high school chemistry.

Recommended Preparation: Earn a mastery score of at least 95% on the ALEKS Preparatory Chemistry Course.

Transfers to both UC/CSU

C-ID: CHEM 110

IGETC Area(s): 5A, 5C

CSU Area(s): B1, B3

AA/AS General Education: AA/AS A

CHEM-102 General Chemistry II
5 Units (LEC 48-54, LBE 96-108)

This course is a continuation of Chemistry 101. Special emphasis is given to chemical kinetics, equilibrium, thermodynamics, acid-base equilibria, electrochemistry, common reactions of metals and non-metals with an introduction to qualitative analysis.

Prerequisite: CHEM-101 (with a grade of C or better).

Recommended Preparation: Students who have taken first-semester general chemistry before Fall 2020 at MSJC should review the following topics: intermolecular forces, phase diagrams, and solution chemistry or equivalent.

Transfers to both UC/CSU

IGETC Area(s): 5A, 5C

CSU Area(s): B1, B3

AA/AS General Education: AA/AS A

CHEM-107 Chemistry of Life
5 Units (LEC 64-72, LBE 48-54)

This course covers the basic principles of atoms, molecules, physical states, energy, solutions, acid/bases, chemical equations, structure and properties of major classes of organic molecules, biochemical molecules, and their functions in biological and abiotic systems.

Prerequisite: MATH-096 or MATH-094 (with a grade of C or better). California law (AB 705) allows placement of students in college-level math and clears the prerequisite for this course. Completion of high school Algebra 2 or equivalent course or (MATH-096 or higher Algebra course) is highly recommended prior to taking this course for STEM transfer majors.

Transfers to both UC/CSU

IGETC Area(s): 5A, 5C

CSU Area(s): B1, B3

AA/AS General Education: AA/AS A

CHEM-112 Organic Chemistry I
5 Units (LEC 48-54, LBE 96-108)

This course is the first of a two-semester sequence in organic chemistry. The topics covered include molecular properties, structure and bonding, stereochemistry, reactions and synthesis of alkane, alkenes, alkynes and alkyl halides, NMR and IR spectroscopy, and the chemistry of benzene and aromatic compounds.

Prerequisite: CHEM-102 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: CHEM 150

C-ID: CHEM 160S

IGETC Area(s): 5A, 5C

CSU Area(s): B1, B3

AA/AS General Education: AA/AS A

CHEM-113 Organic Chemistry II
5 Units (LEC 48-54, LBE 96-108)

This course in organic chemistry includes a systematic study of the nomenclature, properties, preparation, reactions and uses in synthesis of alcohols, ethers, aldehydes, ketones, carboxylic acids, acid derivatives and amines, and a study of biological molecules.

Prerequisite: CHEM-112 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: CHEM 160S

IGETC Area(s): 5A, 5C

CSU Area(s): B1, B3

AA/AS General Education: AA/AS A

CHEM-113H Honors Organic Chemistry II
5 Units (LEC 48-54, LBE 96-108)

This course in organic chemistry includes a systematic study of the nomenclature, properties, preparation, reactions and uses in synthesis of alcohols, ethers, aldehydes, ketones, carboxylic acids, acid derivatives and amines, and a study of biological molecules.

Prerequisite: CHEM-112 (with a grade of C or better), Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

IGETC Area(s): 5A, 5C

CSU Area(s): B1, B3

AA/AS General Education: AA/AS A

CHEM-299 Special Projects: Chemistry
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Chemistry classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

Child Development & Education (CDE)

CDE-101 Principles of Early Childhood Education 3 Units (LEC 48-54)

This course is an examination of the historical and current principles and developmentally appropriate practices applied to different types of educational settings serving children aged birth to eight years. Special emphasis will be given to staff roles, appropriate learning environments and curricula, home-school partnerships, advocacy, professional ethics and career options. Students will be required to observe licensed child care environments. Some licensed care settings may require TB and Criminal Record Clearances.

Recommended Preparation: ENGL-101.

Transfers to CSU only

C-ID: ECE 120

CDE-103 Appropriate Curricula for Young Children 3 Units (LEC 48-54)

This course addresses creative teaching methods and curriculum development for children with and without disabilities or other special needs. Students learn to observe children's play and to use it as a foundation for planning, implementing and evaluating meaningful learning experiences. Emphasis is given to creating a responsive curriculum, aligned to state and professional guidelines, that provides integrated activities supporting developmental and individual needs.

Prerequisite/Corequisite: CDE-101 or CDE-110 (with a grade of C or better).

Other Enrollment Criteria: To gain employment in the field of early childhood education the state of California requires a negative TB and Criminal Record Clearance. It is recommended that students begin this process while enrolled in this class.

Transfers to CSU only

C-ID: ECE 130

CDE-110 Child Development 3 Units (LEC 48-54)

This course addresses children's typical and atypical physical, cognitive and social/emotional development from conception through adolescence. Emphasis is given to theories providing frameworks for understanding development, to research offering scientific evidence about development, and to application of theory and research. Students will be required to observe children or environments within licensed settings. Some settings may require TB, Immunizations, and/or Criminal Record clearances.

Other Enrollment Criteria: Students will be required to observe children or environments within licensed settings. some settings may require students to have evidence of a negative TB clearance (within the last 12 months), required immunizations, and meet Health requirements as required by Title 22. Students may need a Criminal Record clearance.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: CDEV 100

IGETC Area(s): 4I

CSU Area(s): D7, D9

AA/AS General Education: AA/AS B2

CDE-110H Honors Child Development 3 Units (LEC 48-54)

This course addresses children's typical and atypical physical, cognitive and social/emotional development from conception through adolescence. Emphasis is given to theories providing frameworks for understanding development, to research offering scientific evidence about development, and to application of theory and research. Students will be required to observe children or environments within licensed settings. Some settings may require TB, Immunizations, and/or Criminal Record clearances.

Prerequisite: Acceptance into the Honors Enrichment Program.

Other Enrollment Criteria: Students will be required to observe children or environments within licensed settings. some settings may require students to have evidence of a negative TB clearance (within the last 12 months), required immunizations, and meet Health requirements as required by Title 22. Students may need a Criminal Record clearance.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: CDEV 100

IGETC Area(s): 4I

CSU Area(s): D7, D9

AA/AS General Education: AA/AS B2

CDE-111 Child Health, Safety and Nutrition 3 Units (LEC 48-54)

This course introduces basic concepts of health, safety and nutrition for the growing child (0-8 years) at home and at licensed care facilities. Topics include licensing requirements, identification and prevention of disease, developmental delays, and establishing healthy, safe, and nutritious environments. This course meets Title 5 and Title 22 preventive health and safety requirements. Students will be required to observe children or licensed care settings. Some settings may require TB and Criminal Record Clearances.

Prerequisite: CDE-101 or CDE-110 (with a grade of C or better).

Recommended Preparation: ENGL-101.

Transfers to CSU only

C-ID: ECE 220

CDE-118 Teaching in a Diverse Society (formerly Diversity and Equity in Early Childhood) 3 Units (LEC 48-54)

This course will examine the development of social identities in diverse societies through the examination of the five equity filters of culture, gender, ability, socioeconomic status, and family structure. Self-reflection of one's own understanding of educational principles will be used to integrate the anti-bias approach within educational practices and/or program development. Students will be required to observe children or licensed care settings. Some settings may require TB and Criminal Record Clearances.

Recommended Preparation: ENGL-101.

Transfers to CSU only

C-ID: ECE 230

AA/AS General Education: AA/AS B2, AA/AS F

CDE-119 Infant and Toddler Growth and Development
3 Units (LEC 48-54)

The course examines current theories and research about typical and atypical developmental patterns of children, birth to 36 months. Emphasis is given to physical, cognitive, and social-emotional growth and to childrearing techniques supporting optimal development. Students will be required to observe children 0-3 years of age within or outside of licensed care settings. Some licensed care settings may require TB and Criminal Record Clearances.

Prerequisite/Corequisite: CDE-110 (with a grade of C or better).

Recommended Preparation: ENGL-101.

Transfers to CSU only

CDE-120 Infant and Toddler Education and Care
3 Units (LEC 48-54)

This course provides a framework for infant/toddler care in a childcare setting emphasizing developmental care-giving strategies and designing developmentally appropriate practices and receive instruction demonstrating high quality practices that are recommended by the California State Department of Education Infant Toddler Foundations and Framework. Students may be required to complete observations in licensed care facilities which may require immunizations, TB and Criminal Record Clearances.

Prerequisite: CDE-110 or CDE-119 (with a grade of C or better).

Recommended Preparation: ENGL-101.

Transfers to CSU only

CDE-125 Child, Family and Community
3 Units (LEC 48-54)

This course examines the developing child in a societal context which focuses on the interrelationships of family, school, peers, community and media, including culture, religion, economics, politics and change. The processes of socialization and identity development will be highlighted as well as an emphasis on historical and sociocultural factors that may affect typical and atypical development. Students will be required to observe children or licensed care settings and may need TB or Criminal Record Clearances.

Recommended Preparation: ENGL-101.

Transfers to CSU only

C-ID: CDEV 110

CSU Area(s): D7

AA/AS General Education: AA/AS B2

CDE-125H Honors Child, Family and Community
3 Units (LEC 48-54)

This course examines the developing child in a societal context which focuses on the interrelationships of family, school, peers, community and media, including culture, religion, economics, politics and change. The processes of socialization and identity development will be highlighted as well as an emphasis on historical and sociocultural factors that may affect typical and atypical development. Students will be required to observe children or licensed care settings and may need TB or Criminal Record Clearances.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101.

Transfers to CSU only

C-ID: CDEV 110

CSU Area(s): D7

AA/AS General Education: AA/AS B2

CDE-126 Administration and Supervision of Early Childhood Education Programs I
3 Units (LEC 48-54)

This course is designed to introduce students and administrators in Early Childhood Education to the principles of organizing and administering programs. Emphasis is placed on developing a program philosophy, as well as considering budgeting and staffing issues, and compliance with state regulations. This course meets Title 22 licensing regulations for center directors and it applies towards the Child Development Site Supervisor and Program Director Permits issued by the California Commission on Teacher Credentialing.

Prerequisite: CDE-101 (with a grade of C or better).

Recommended Preparation: CDE-103, CDE-110, and CDE-111.

Transfers to CSU only

CDE-128 Administration and Supervision of Early Childhood Education Programs II
3 Units (LEC 48-54)

This course provides in-depth study of the components of high quality early childhood programs and of the director's role in developing and administering such programs. Emphasis is placed on personnel policies, working with parents, the development of leadership skills, fiscal operations, and the effects of current trends and legislation on early childhood programs. This course meets Title 22 requirements for center directors and it applies toward the Child Development Site Supervisor and Program Director Permits.

Prerequisite: CDE-126 (with a grade of C or better).

Transfers to CSU only

CDE-131 Children's Literature
3 Units (LEC 48-54)

This course is a general survey of children's literature from picture books to novels. Students will examine literary elements developed in poetry and prose for children, children's responses to books, the development of literature-based activities for children, genres of children's literature as well as literary approaches to the literature. *Cross-listed as LIT-131.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: ENGL 180

CSU Area(s): C2

AA/AS General Education: AA/AS C

CDE-131H Honors Children's Literature
3 Units (LEC 48-54)

This course is a general survey of children's literature from picture books to novels. Students will examine literary elements developed in poetry and prose for children, children's responses to books, the development of literature-based activities for children, genres of children's literature as well as literary approaches to the literature. *Cross-listed as LIT-131H.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: ENGL 180

CSU Area(s): C2

AA/AS General Education: AA/AS C

CDE-134 Adult Supervision
2 Units (LEC 32-36)

This course covers the methods and principles of supervising student teachers, volunteers, staff, and other adults in early care and education settings. The emphasis is on the roles and development of early childhood professionals as mentors and leaders while, simultaneously, addressing the needs of children, parents and other staff.

Recommended Preparation: Completion of at least 24 units in Child Development and Education courses and two years teaching experience. Transfers to CSU only

CDE-143 Supporting Children Who Have Challenging Behaviors
3 Units (LEC 48-54)

This course provides an overview of the developmental, environmental and cultural factors that impact the behavior of young children (family stressors, child temperament, violence, attachment disorders and other exceptional needs) and proactive, reactive and prevention intervention techniques. Topics include addressing why children demonstrate challenging behaviors (including those that are aggressive, anti-social, disruptive, destructive, emotional and dependent), child observation, creating positive environments that encourage appropriate behavior.

Transfers to CSU only

CDE-147 Observation and Assessment in Early Childhood Education
3 Units (LEC 48-54)

This course provides an overview of the observation and assessment techniques used to understand the development of children from infancy to eight years of age. Students will learn how to interpret and use the information to plan curricula and environments that are responsive to and supportive of children's typical and atypical learning and developmental needs. Students will be required to observe children within licensed care settings. Some settings may require TB and Criminal Record Clearance.

Prerequisite: CDE-101 and CDE-110 (with a grade of C or better).

Recommended Preparation: ENGL-101.

Transfers to CSU only

C-ID: ECE 200

CDE-148 Supervised Field Experience: Student Teaching
3 Units (LEC 32-36, LBE 48-54)

This course provides a student teaching experience in which students plan, implement, and evaluate developmentally appropriate curriculum in a laboratory setting under the supervision of CDE Faculty and Master Teacher within the laboratory setting. Students will prepare for the workforce by creating a professional portfolio and practicing interview skills.

Prerequisite: CDE-103 (with a grade of C or better), CDE-125 and CDE-147 (with a grade of C or better).

Other Enrollment Criteria: Students must submit evidence of a negative TB clearance (within the last 12 months), required immunizations, and meet Health requirements as required by Title 22. Students must pay for Live Scan fingerprinting as required by the placement site.

Transfers to CSU only

C-ID: ECE 210

CDE-299 Special Projects: Child Development and Education
0.5-3 Units (IS 8-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor. Offered as pass/no pass only.

Prerequisite: Two Child Development and Education classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

CDE-540 Children and Youth With Exceptional Needs (formerly CDE-140)
3 Units (LEC 48-54)

This course provides an overview of the developmental variations of exceptional children from birth through age twenty-one, including the historical and legislative foundation for civil rights and education services for individuals with disabilities. Emphasis is given to identifying strategies to support these children and their families and developing an awareness of cultural issues. Students will be required to observe environments within child care settings which may require TB and Criminal Record clearances. (formerly CDE 140)

Recommended Preparation: ENGL-101.

Transfers to CSU only

AA/AS General Education: AA/AS B2

CDE-544 Curriculum and Strategies for Children With Special Needs (formerly CDE-144 Supervised Field Experience/Internship in Early Intervention and Inclusion)
3 Units (LEC 48-54)

This course covers curriculum and intervention strategies for working with children with special needs in partnership with their families. The course focuses on the use of observation and assessment in meeting the individualized needs of children in inclusive and natural environments. The course emphasizes the role of the teacher as a professional working with families, collaborating with interdisciplinary teams, and developing cultural competence. Students will be required to observe children in a group setting. (formerly CDE 144)

Prerequisite: CDE-147 (with a grade of C or better).

Other Enrollment Criteria: Students must submit evidence of a negative TB clearance (within the last 12 months), required immunizations, and meet Health requirements as required by Title 22. Students must pay for Live Scan fingerprinting as required by the placement site.

Recommended Preparation: CDE-143 and CDE-540.
 Transfers to CSU only

CDE-549 Cooperative Work Experience: Child Development and Education (formerly CDE-149)
0.5-8 Units CWE Paid 37.5-600/Non-paid 30-480

This work experience course of supervised employment is designed to assist students to acquire career awareness, work habits, attitudes and skills related to the student's college major. Credit may be accrued at the rate of 1 to 4 units per semester for a total of sixteen units. Students must work 75 paid hours or 60 non-paid hours per unit earned. Offered as pass/no pass only. (formerly CDE 149)

Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. A training agreement must be completed prior to registration. Please refer to the Cooperative Work Experience Student Handbook for specific information.
 Transfers to CSU only

CDE-593 Art for the Young Child (formerly CDE-093)
3 Units (LEC 48-54)

This course addresses the development of teachers' competencies in visual arts for young children. This course focuses on defining creativity, drawing connections between creative process and appropriate classroom practice, understanding how art is used in quality early childhood settings, and implementing appropriate art activities with young children. Students may be required to observe in licensed child care environments. Some licensed care settings may require proof of Immunizations, TB and/or Criminal Record Clearances. (formerly CDE 093)

Recommended Preparation: CDE-101 or CDE-110.
 Transfers to CSU only

CDE-595 Science and Math in Early Childhood (formerly CDE-095)
3 Units (LEC 48-54)

This course will examine ways in which to create an effective science and math program for young children (0-8 years). Emphasis will be given to creating an integrated program based on the readiness and interests of children as well as one that is aligned with state and professional guidelines. Students may be required to observe in licensed child care environments. Some licensed care settings may require proof of Immunizations, TB and/or Criminal Record Clearances. (formerly CDE 095)

Recommended Preparation: CDE-101 or CDE-110.
 Transfers to CSU only

CDE-790 Family Child Care Home (formerly CDE-090)
3 Units (LEC 48-54)

This course is designed to meet specific needs of the family child care provider. Topics include licensing regulations, record-keeping, developing contracts and creating partnerships with parents. Emphasis given to creating appropriate environments, using appropriate guidance techniques, and planning and implementing appropriate curricula for mixed-age groups of children. Students may be required to observe in licensed child care or school aged environments. Some licensed care settings may require proof of Immunizations, TB and/or Criminal Record Clearances. (formerly CDE 090)

Not transferable

College Success & Career Readiness (CSCR)

CSCR-100 College Success and Career Readiness (formerly GUID-100 College Success)
3 Units (LEC 48-54)

This course is designed to empower students with effective strategies for making wise choices in three areas: personal, academic, and career pathways. The course focuses on a strong clear reason for staying in school, more ability to cope with the challenges of transitioning into a new life, educational planning, learning styles, campus resources, and effective strategies for personal health and wellness. (formerly GUID 100)

Transfers to both UC/CSU

CSU Area(s): E1
AA/AS General Education: AA/AS E

CSCR-116 Integrative Career/Life Planning (formerly GUID-116)
3 Units (LEC 48-54)

This course integrates a multidimensional process of adult and career development for achieving wholeness over the life span. Applying psychological, sociological, and physiological concepts, students explore strategies to create a meaningful life purpose within changing global environments and connect career/life roles, relationships, and lifestyles. Students master effective career/life management skills, value diversity and inclusively, and manage personal and career transitions during workplace and societal changes. (formerly GUID 116)

Other Enrollment Criteria: Students must pay fees for two career assessments at time of registration.

Transfers to CSU only

CSU Area(s): E1

AA/AS General Education: AA/AS E

CSCR-502 Personal Success Habits of Highly Effective People (formerly GUID-120)

3 Units (LEC 48-54)

This course provides students with personal achievement principles, coping strategies, and life skills that develop each area of emotional, social, and educational and professional life. This course emphasizes the mastery of human effectiveness such as integrity, honesty, service, time management, conflict resolution, goal setting, decision-making skills, and effective communication skills. (formerly GUID 120)

Transfers to CSU only

AA/AS General Education: AA/AS E

CSCR-504 Career Search (formerly GUID-110)

1 Unit (LEC 16-18)

This course provides undecided students with essential skills to make informed and satisfying career decisions. Students identify personal interests, values, abilities, personality styles, and lifestyle goals using a variety of career assessment instruments. Strategies and skills for occupational and educational exploration, decision-making, and goal-setting are developed. A realistic career action plan is created. (formerly GUID 110)

Other Enrollment Criteria: Students must pay fees for two career assessments at time of registration.

Transfers to CSU only

Communication Studies (COMM)

COMM-100 Public Speaking

3 Units (LEC 48-54)

This course is an introduction to fundamental theories and skills of public speaking. It emphasizes the preparation and delivery of formal presentations to an audience. Students will learn to choose and narrow topics, research and organize materials, and practice and present speeches that are adapted to various audiences, purposes, and occasions.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

C-ID: COMM 110

IGETC Area(s): 1C

CSU Area(s): A1

AA/AS General Education: AA/AS D2

COMM-100H Honors Public Speaking

3 Units (LEC 48-54)

This course is an introduction to fundamental theories and skills of public speaking. It emphasizes the preparation and delivery of formal presentations to an audience. Students will learn to choose and narrow topics, research and organize materials, and practice and present speeches that are adapted to various audiences, purposes, and occasions.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

C-ID: COMM 110

IGETC Area(s): 1C

CSU Area(s): A1

AA/AS General Education: AA/AS D2

COMM-103 Interpersonal Communication

3 Units (LEC 48-54)

This course develops and applies theories of interpersonal communication. It is intended to increase a student's understanding of and competence in one-to-one interactions. Topics include self-concept, perception, language, nonverbal communication, listening, conversation, self-disclosure, friendship, intimacy, conflict management, and intercultural communication. The student will practice communication skills that develop and maintain relationships occurring in work, social, and nonpublic settings.

Transfers to CSU only

C-ID: COMM 130

CSU Area(s): A1, E1

AA/AS General Education: AA/AS D2

COMM-103H Honors Interpersonal Communication
3 Units (LEC 48-54)

This course develops and applies theories of interpersonal communication. It is intended to increase a student's understanding of and competence in one-to-one interactions. Topics include self-concept, perception, language, nonverbal communication, listening, conversation, self-disclosure, friendship, intimacy, conflict management, and intercultural communication. The student will practice communication skills that develop and maintain relationships occurring in work, social, and nonpublic settings.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to CSU only

C-ID: COMM 130

CSU Area(s): A1, E1

AA/AS General Education: AA/AS D2

COMM-104 Argumentation and Debate (formerly Advocacy and Argument)
3 Units (LEC 48-54)

This course develops skills of critical inquiry and advocacy. Through the analysis and development of oral and written arguments, the student will gain experience in evaluating reasoning, identifying logical fallacies, testing evidence and sources of information, advancing a reasoned position, and refuting arguments.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

C-ID: COMM 120

IGETC Area(s): 1C

CSU Area(s): A1, A3

AA/AS General Education: AA/AS D2

COMM-104H Honors Argumentation and Debate (formerly Advocacy and Argument)
3 Units (LEC 48-54)

This course develops skills of critical inquiry and advocacy. Through the analysis and development of oral and written arguments, the student will gain experience in evaluating reasoning, identifying logical fallacies, testing evidence and sources of information, advancing a reasoned position, and refuting arguments.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

C-ID: COMM 120

IGETC Area(s): 1C

CSU Area(s): A1, A3

AA/AS General Education: AA/AS D2

COMM-106 Small Group Communication
3 Units (LEC 48-54)

This course studies communication in small group contexts. Topics include the development of group rules and norms, the emergence of leadership and other roles, and the importance of diversity in decision making. Through participation in group simulations and discussions, the student will learn creativity and critical thinking in problem solving and will develop skills of listening, leadership, consensus building, and conflict management.

Transfers to CSU only

C-ID: COMM 140

CSU Area(s): A1

AA/AS General Education: AA/AS D2

COMM-108 Intercultural Communication
3 Units (LEC 48-54)

This course studies communication and culture. It is designed to develop the student's understanding of intercultural communication between/among people from different ethnic and cultural groups across a variety of contexts, both global and domestic. This course focuses on the influence of cultures, languages, and social patterns and explores theory and knowledge of effective communication within and between cultures. It examines potential sources of conflict and ways to improve and appreciate communication of diverse groups.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: COMM 150

CSU Area(s): D7

AA/AS General Education: AA/AS B2

COMM-108H Honors Intercultural Communication
3 Units (LEC 48-54)

This course studies communication and culture. It is designed to develop the student's understanding of intercultural communication between/among people from different ethnic and cultural groups across a variety of contexts, both global and domestic. This course focuses on the influence of cultures, languages, and social patterns and explores theory and knowledge of effective communication within and between cultures. It examines potential sources of conflict and ways to improve and appreciate communication of diverse groups.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: COMM 150

CSU Area(s): D7

AA/AS General Education: AA/AS B2

COMM-110 Communications Media Survey
3 Units (LEC 48-54)

This course provides a survey of communications media and explores the relationships between media, people, and society. The course covers: media history, structure and trends in newspapers, magazines, radio, television, recorded music, film, home video, and the Internet. Students will research mediums, apply theories, and analyze media effects within the context of economics, technology, law, ethics, and social issues.

Transfers to both UC/CSU

C-ID: JOUR 100

AA/AS General Education: AA/AS B2

COMM-113 Oral Interpretation of Literature
3 Units (LEC 48-54)

This course analyzes the art of communicating works of literary merit to an audience; it is an introduction to performance studies. Appropriate literary selection and the use of vocal skills, along with facial and body expression will be developed in order to present works of literature to a theatrical audience. Individual and group performances of poetry, prose, and drama are included. *Cross-listed as THA-113.

Transfers to both UC/CSU

C-ID: COMM 170

CSU Area(s): C1

AA/AS General Education: AA/AS C

COMM-115 Persuasion
3 Units (LEC 48-54)

This course is designed to provide a better understanding of the theory, practice, and strategies of persuasion on a variety of human contexts. Knowledge of the persuasion process and social influence should enable one to make more informed decisions as a sender and receiver of persuasive messages. This course will help students become more effective at influencing others.

Transfers to both UC/CSU

C-ID: COMM 190

COMM-116 Gender and Communication
3 Units (LEC 48-54)

This course examines gender differences in communication, including theories concerning differences, as well as, issues of gender in a variety of contexts such as families, relationships, the workplace, the media and school.

Transfers to both UC/CSU

CSU Area(s): D4, D7

AA/AS General Education: AA/AS B2

COMM-117 Organizational Communication (formerly Professional Communication)
3 Units (LEC 48-54)

This course examines and explores the role of communication within organizations. Concern will be given to theories and application pertaining to communication in the work place. Areas such as technologies, leadership, teamwork, culture, diversity, global organizations, and ethics will be examined.

Transfers to CSU only

AA/AS General Education: AA/AS B2

COMM-119 Public Relations
3 Units (LEC 48-54)

This course is an introduction to the principles, history and development, and practice of Public Relations. It examines the origins and evolution of the role of the PR practitioner. Students will learn to identify trends and use research and respond ethically to the many challenges facing organizations today. Planning, strategic management, choice of media tactics, and types of campaigns are scrutinized and analyzed as are crisis communication and credibility.

Transfers to CSU only

COMM-120 Survey of Communication Studies
3 Units (LEC 48-54)

This course examines a range of theoretical approaches to the field of communication studies and acts as an introduction to the field of communication by addressing public, rhetorical, interpersonal, intercultural, group, organizational, mass, and mediated communication. Individual and group presentations help students identify and analyze communication patterns and their effects as well as develop strategies for becoming better communicators.

Transfers to both UC/CSU

C-ID: COMM 180

AA/AS General Education: AA/AS B2

COMM-129 Reader's Theater
3 Units (LEC 48-54)

This course focuses on the theories and techniques of oral performance of literature and drama through solo, small group, and ensemble speaking. Students study script analysis, preparation and adaptation, staging and directing techniques and vocal skills. This course culminates in public performance. *Cross-listed as THA-127.

Recommended Preparation: ENGL-098 or ESL-098.

Transfers to both UC/CSU

Course Related Content Group: Voice Movement

COMM-160 Debate and Forensics Activities
1 Unit (LEC 16-18)

This course prepares students to compete in intercollegiate speech and debate tournaments. Students will engage in research, preparation of interpretive material from literature, construction of debate cases, and lab practice for competition.

Recommended Preparation: COMM-100 or COMM-104 or COMM-113 or COMM-129 or THA-113 or THA-127 or concurrent enrollment in COMM-100 or COMM-104 or COMM-113 or COMM-129 or THA-113 or THA-127.

Transfers to both UC/CSU

C-ID: COMM 160B

COMM-201 Advanced Public Speaking
3 Units (LEC 48-54)

This course develops advanced principles and skills of public speaking including application of rhetorical theory, advanced research skills, in-depth audience analysis, and the art of clear, precise, and articulate delivery. In addition to fostering eloquence, consideration is paid to information competency, specific contexts of oratory and advanced critical analysis of public discourse.

Prerequisite: COMM-100 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 1C

CSU Area(s): A1

COMM-299 Special Projects: Communication
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Communication Studies classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

COMM-549 Cooperative Work Experience: Communication Studies
(formerly COMM-149)

0.5-8 Units CWE Paid 37.5-600/Non-paid 30-480

This course is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the students' educational or occupational goal (Title 5 section 55252). Students may earn a maximum of (8) semester credit hours during one enrollment period. Students may earn up to a total of 16 semester credit hours for all Cooperative Work Experience Education. Offered as pass/no pass only. (formerly COMM 149)

Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. A training agreement must be completed prior to registration. Please refer to the Cooperative Work Experience Student Handbook for specific information. Transfers to CSU only

Computer Applications (CAPP)

CAPP-122 Using Microsoft Excel
3 Units (LEC 48-54)

This course focuses on the functions and capabilities of Excel with emphasis on using Excel to solve business problems. This course will prepare students for the Microsoft Office User Specialist (MOUS/MOS) Expert-Level Exam in Excel.

Transfers to CSU only

CAPP-123 Using Microsoft Access - Level 1
3 Units (LEC 48-54)

This course covers the functions and capabilities of Microsoft Access with an emphasis on the integration of Microsoft Office Access into business operations. The course will begin to prepare the student to take the Microsoft Office Specialist (MOS) exam.

Transfers to CSU only

CAPP-535 Using Microsoft PowerPoint (formerly CAPP-094)
3 Units (LEC 48-54)

This course introduces students to presentation software concepts and applications. Students will use Microsoft PowerPoint to create and present information for a variety of contexts. This course is designed for the student who is pursuing the MOS certification as well as students who are interested in improving their interpersonal communication skills. (formerly CAPP 094)

Transfers to CSU only

CAPP-735 Using Microsoft Word (formerly CAPP-127)
3 Units (LEC 48-54)

This course is an overview of computerized word-processing procedures and document formatting through advanced techniques in Microsoft Word. Emphasis to include hands-on skill development with a business perspective and preparation for the Microsoft Word Certification exam. (formerly CAPP 127)

Not transferable

CAPP-740 Using Microsoft Project (formerly CAPP-098)
3 Units (LEC 48-54)

This course facilitates the study and implementation of project management through the concepts identified in the Project Management Body of Knowledge and utilizes Microsoft Project as a project management tool. Within the framework of the project management life cycle, the following activities will be examined: integration and scope management, time, cost, quality management, communications, and risk management. (formerly CAPP 098)

Not transferable

Computer Sci/Info Systems (CSIS)

CSIS-101 Introduction to Computers and Data Processing
3 Units (LEC 48-54)

This course provides a general introduction to computers and information technology. Students will explore the information processing cycle, with an emphasis on understanding the role of input, output, processing, and storage in modern information systems. Topics for this class include the history of computers, and contemporary issues in information technology. Students will learn to use word processing, spreadsheets, and database applications as a tool for improving personal productivity in an organizational setting.

Transfers to both UC/CSU

C-ID: ITIS 120

CSIS-103 Introduction to the Internet
3 Units (LEC 48-54)

This course provides an overview of the computing and networking technologies that support the Internet and the World Wide Web. Students will learn and use various web services and have the opportunity to create a simple web page.

Transfers to CSU only

CSIS-111B Fundamentals of Computer Programming
3 Units (LEC 48-54)

This course will introduce students with no prior programming experience to the fundamentals of computer programming. These are foundation concepts for nearly all modern programming languages including Visual Basic, C++, C# and Java. Topics include sequence, repetition, and selection control structures. Advance topics include arrays, file I/O, and an introduction to the principles of object-oriented programming. One or more high-level programming languages will be used to reinforce the general concepts presented in this course.

Transfers to both UC/CSU

C-ID: ITIS 130

AA/AS General Education: AA/AS D2

CSIS-113A C++ Programming - Level 1
3 Units (LEC 48-54)

This course introduces the principles of object-oriented programming using the C++ programming language. Students will investigate and evaluate various programming design methodologies and apply them to programming problems in C++. C++ features that will be covered include language syntax, class definitions, control structures, function definitions, and basic data structures. No prior programming experience required.

Transfers to both UC/CSU

C-ID: COMP 122

CSIS-113B Java Programming - Level 1
3 Units (LEC 48-54)

This course introduces the principles of object-oriented programming using the Java programming language. Students will investigate and evaluate various programming design methodologies and apply them to programming problems in Java. Java features that will be covered include language syntax, class definitions, control structures, function definitions, and basic data structures. No prior programming experience required.

Transfers to both UC/CSU

C-ID: COMP 122

CSIS-113C C# Programming - Level 1 (formerly C# Programming)
3 Units (LEC 48-54)

This course is an introduction to the basic knowledge and skills needed to develop programs using the C# programming language and the .NET development framework. This course will focus on program structure, language syntax, basic graphical user interfaces, and implementation details.

Transfers to both UC/CSU

CSIS-114A SQL Programming - Level 1
3 Units (LEC 48-54)

This course introduces the SQL programming language and covers all of the features of the language that are needed to create and maintain single-table database systems. SQL features that will be covered include: language syntax, data query language (DQL) elements, data manipulation language (DML) elements, and basic data definition language (DDL) elements. No prior programming experience required.

Transfers to both UC/CSU

AA/AS General Education: AA/AS D2

CSIS-115A Web Development - Level 1
3 Units (LEC 48-54)

This course teaches students the basic skills needed to create a Web page with an emphasis on the Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS). Students are also introduced to, the Hypertext Transfer Protocol (HTTP), Uniform Resource Locators (URLs), how to write code using an integrated development environment (IDE), and publishing to a Web server using the file transfer protocol (FTP).

Transfers to CSU only

CSIS-116E Python Programming - Level 1
3 Units (LEC 48-54)

This course introduces the principles of object-oriented programming using the Python programming language. Students will investigate and evaluate various programming design methodologies and apply them to programming problems in Python. Python features that will be covered include language syntax, class definitions, control structures, function definitions, and basic data collections. No prior programming experience required.

Transfers to both UC/CSU

AA/AS General Education: AA/AS D2

CSIS-118B Computer Organization & Assembly Language
3 Units (LAB 48-54, LEC 32-36)

This course is an introduction to the hardware organization and assembly language of the Intel processor. Topics include memory hierarchy and design, CPU design, pipelining, addressing modes, subroutine linkage, polled input/output, interrupts, high level language interfacing and macros.

Transfers to both UC/CSU

C-ID: COMP 142

AA/AS General Education: AA/AS D2

CSIS-123A C++ Programming - Level 2
3 Units (LEC 48-54)

This course presents advanced programming concepts in the C++ programming language. Advanced aspects of program design methodologies will be studied, evaluated, and applied in the design of complex C++ programs. C++ features that will be covered include classes and data abstraction, operator overloading, inheritance, polymorphism, templates, exception handling, and file structures.

Prerequisite: CSIS-113A (with a grade of C or better).

Transfers to both UC/CSU

CSIS-123B Java Programming - Level 2 (formerly JAVA Programming - Level 2)
3 Units (LEC 48-54)

This course introduces advanced concepts of object-oriented programming (OOP) using the Java programming language. Students will investigate and evaluate various program design methodologies and apply them to programming problems using Java. Java features that will be covered include language syntax, encapsulation, inheritance, polymorphism, advanced O-O design principles, and exception handling.

Prerequisite: CSIS-113B (with a grade of C or better).
 Transfers to both UC/CSU

CSIS-123C C# Programming - Level 2
3 Units (LEC 48-54)

This course introduces the student to advanced concepts of object-oriented programming (OOP) using the C# programming language. Students will investigate and evaluate various program design methodologies and apply them to programming problems using C#. C# features that will be covered include language syntax, encapsulation, inheritance, polymorphism, graphics, multi-threading, files, streams, and networking. This course is designed for students who wish to further develop their C# programming skills.

Prerequisite: CSIS-113C (with a grade of C or better).
 Transfers to both UC/CSU

CSIS-124A SQL Programming - Level 2
3 Units (LEC 48-54)

This course presents advanced concepts in the SQL programming language to cover multi-table database, and advanced query options. The data definition language (DDL) elements will be fully covered, including working with Entity-Relationship (ER) diagrams and options for implementing indexes.

Prerequisite: CSIS-114A (with a grade of C or better).
 Transfers to both UC/CSU

AA/AS General Education: AA/AS D2

CSIS-126E Python Programming - Level 2
3 Units (LEC 48-54)

This course introduces advanced concepts of object-oriented programming (OOP) using the Python programming language. Students will investigate and evaluate various program design methodologies and apply them to programming problems using Python. Python features that will be covered include language syntax, encapsulation, inheritance, polymorphism, advanced O-O design principles, and exception handling.

Prerequisite: CSIS-116E (with a grade of C or better).
 Transfers to both UC/CSU

AA/AS General Education: AA/AS D2

CSIS-160 Information Security Systems
3 Units (LEC 48-54)

This course is a survey of Network/Internet security. It will help prepare students for the CompTIA Security+ Exam. Topics will cover Authentication, Malicious Code, Web Security, Intrusion Detection, Cryptography, and Biometrics. The class will have lecture and hands-on components.

Transfers to CSU only

CSIS-164 Cybersecurity: Ethical Hacking
3 Units (LEC 48-54)

This course is a survey of the ethical and legal issues pertaining to security testing. It demonstrates how to use tools that can be used to gain information about a computer network, how to recognize that the tools are being used, and how to defend a network against those attacks.

Prerequisite: CSIS-160 (with a grade of C or better).
 Transfers to CSU only

CSIS-201 System Analysis and Design
3 Units (LEC 48-54)

This course introduces the basic concepts and principles of information systems analysis and design within the content of an enterprise information architecture. Various systems development lifecycles will be studied and students will apply a systems methodology in modeling an information system. Project management techniques specific to information technology projects will also be covered.

Prerequisite: CSIS-101 (with a grade of C or better).
 Transfers to both UC/CSU

AA/AS General Education: AA/AS D2

CSIS-202 CCNA 1 Computer Networks (formerly Networks and Data Communications)
3 Units (LEC 48-54)

This course introduces students to the fundamentals of computer networking concepts including voice, data communications, networking hardware, the OSI model, and network design. Network management and security issues will also be discussed. This course is designed for the student who is interested in learning about data communications and networking, as well as, the career options that are available in this field.

Transfers to CSU only

CSIS-211 Introduction to Data Structures and Algorithms
3 Units (LEC 48-54)

This course is intended to introduce students to the concept of data structures and algorithms. Basic topics in this course include arrays, lists, stacks and queues. Advanced topics such as dictionaries including binary search trees, hashing, priority queues, and heaps will also be covered. In addition, this course will introduce analysis of algorithms, sorting algorithms, and object-oriented programming techniques including abstract data types, inheritance, and polymorphism.

Prerequisite: CSIS-113A or CSIS-113B (with a grade of C or better).
 Transfers to both UC/CSU
C-ID: COMP 132

CSIS-213 Discrete Structures
3 Units (LEC 48-54)

This course is an introduction to the discrete structures used in Computer Science with an emphasis on their applications. Topics covered include: Functions, Relations and Sets; Basic Logic; Proof Techniques; Basics of Counting; Graphs and Trees; and Discrete Probability.

Prerequisite: CSIS-113A or CSIS-113B (with a grade of C or better).
 Transfers to both UC/CSU
C-ID: COMP 152
IGETC Area(s): 2A
CSU Area(s): B4

CSIS-282 Computer Forensics (formerly CSIS-182)
3 Units (LEC 48-54)

This course introduces students to the techniques and tools of computer forensics investigations. Students will receive step-by-step explanations on using the most popular forensic tools. Topics include coverage of the latest technology secondary devices including hard drives, cell phones, and thumb drives. (formerly CSIS 182)

Prerequisite: CSIS-580 (with a grade of C or better).
 Transfers to CSU only

CSIS-299 Special Projects: Computers
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Computer classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

CSIS-525 Web Development - Level 2 (formerly CSIS-125A)
3 Units (LEC 48-54)

This course covers client-side technologies used in Web application development. Its main focus is on how to write JavaScript software programs to create interactive front-end applications. Students will learn about the many facets of client-side programming including user agent objects, properties, events and behaviors, common programming tasks like defining variables, decision making, flow control, object-based programming and the Web-based resources which simplify common coding tasks like form validation, adding widgets and more. (formerly CSIS 125A)

Prerequisite: CSIS-115A or DIG-180 (with a grade of C or better).
 Transfers to CSU only

CSIS-549 Cooperative Work Experience: Computer/Information Systems (formerly CSIS-149)
0.5-8 Units CWE Paid 37.5-600/Non-paid 30-480

This course is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the students' educational or occupational goal (Title 5 section 55252). Students may earn a maximum of (8) semester credit hours during one enrollment period. Students may earn up to a total of 16 semester credit hours for all Cooperative Work Experience Education. Offered as pass/no pass only. (formerly CSIS 149)

Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. A training agreement must be completed prior to registration. Please refer to the Cooperative Work Experience Student Handbook for specific information.
 Transfers to CSU only

CSIS-580 Computer Hardware - Level 1 (formerly CSIS-080)
4 Units (LEC 64-72)

This course introduces the basics of computing hardware technologies and the tear-down and assembly of a computer system. The features and functions of all major computing system hardware components are covered along with techniques for their installation and configuration. Operating system fundamentals are studied, especially in relation to hardware configuration and troubleshooting. (formerly CSIS 080)

Transfers to CSU only

CSIS-581 OS Installation and Configuration (formerly CSIS-081)
3 Units (LEC 48-54)

This course is designed to prepare students to pass the Comptia A+ Operating Systems Installation and Configuration exam. Topics include installation and configuration of various operating systems, common features and functionality of the Mac and Linux operating systems, Identification of common security threats and vulnerabilities along with common security prevention methods. (formerly CSIS 081)

Transfers to CSU only

CSIS-592 CCNA 3 Scaling Networks (formerly CSIS-092)
3 Units (LEC 48-54)

This course provides a comprehensive, theoretical, and practical approach to learning the technologies and protocols needed to design and implement a converged switched network. Students learn about the hierarchical network design model and how to select devices for each layer. The course explains how to configure a switch for basic functionality and how to implement Virtual LANs, VTP, and Inter-VLAN routing in a converged network. (formerly CSIS 092)

Prerequisite: CSIS-791 (with a grade of C or better).
 Transfers to CSU only

CSIS-593 CCNA 4 Connecting Networks (formerly CSIS-093)
3 Units (LEC 48-54)

This course enables students to understand the selection criteria of network devices and WAN technologies to meet network requirements. Students will learn how to configure and troubleshoot network devices and resolve common issues with data link protocols. Students will also develop the knowledge and skills needed to implement IPSec and virtual private network (VPN) operation in a complex network. (formerly CSIS 093)

Prerequisite: CSIS-592 (with a grade of C or better).
 Transfers to CSU only

CSIS-594 Cyber Operations (formerly CSIS-094)
3 Units (LEC 48-54)

This course provides students with basic principles, foundation knowledge and core skills to obtain an associate level career in Cyber Security analysis. In addition the course will prepare students to pass the Cisco Cyber Ops exams. (formerly CSIS 094)

Transfers to CSU only

CSIS-786 Developing ASP.NET Web Applications (formerly CSIS-086)
3 Units (LEC 48-54)

This course is an introduction to ASP.NET Web Development using the Microsoft .NET programming languages Visual Basic and C#. Students will utilize ASP.NET to deliver dynamic content to a Web Application. Topics include Web Forms, User Controls, Server Controls, and Database Integration. (formerly CSIS 086)

Recommended Preparation: CSIS-115A.
Not transferable

CSIS-791 CCNA 2 Routing and Switching Essentials (formerly CSIS-091)
3 Units (LAB 96-108, LEC 16-18)

This course is designed to provide classroom and laboratory experience to help prepare for certification as a Cisco Certified Network Associate (CCNA). Students learn how to configure a router and a switch for basic functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with RIPv1, RIPv2, single-area OSPF, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks. (formerly CSIS 091)

Prerequisite: CSIS-202 (with a grade of C or better).
Not transferable

Cooperative Work Experience (CWE)

CWE-549 General Work Experience (formerly CWE-149)
0.5-6 Units CWE Paid 37.5-450/Non-paid 30-360

This course is supervised employment which is intended to assist students in acquiring desirable work habits, attitudes, and career awareness and need not be related to the students' educational goals (Title 5 section 55252). Students may earn up to (6) units maximum of general work experience education during one enrollment period. Students may earn up to a total of 16 semester credit hours for all Cooperative Work Experience Education. Offered as pass/no pass only. (formerly CWE 149)

Prerequisite: None. Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. A training agreement must be completed prior to registration. Please refer to the Cooperative Work Experience Student Handbook for specific information.
Transfers to CSU only

Correctional Science (CORR)

CORR-101 Introduction to Correctional Science
3 Units (LEC 48-54)

This course provides an overview of the history and trends of corrections. It focuses on the basic legal issues, statutory laws, and general operations in correctional institutions. The relationship between corrections and other components of the Criminal Justice System are examined as well as employment opportunities and entry requirements in the field of corrections.

Recommended Preparation: ENGL-101.
Transfers to CSU only
C-ID: AJ 200

CORR-502 Control and Supervision in Corrections (formerly CORR-102)
3 Units (LEC 48-54)

This course provides an overview of the methods, practices, and theory related to custodial supervision of incarcerated persons in Federal, State, and local correctional facilities. The course examines and considers the issues of custodial control and the interaction between the offender and the correctional employee. Other topics include the effects of violence, overcrowding, gangs, and substance abuse within the correctional system. (formerly CORR 102)

Recommended Preparation: CORR-101., ENGL-101.
Transfers to CSU only

CORR-503 Correctional Interviewing and Counseling (formerly CORR-103)
3 Units (LEC 48-54)

This course offers the fundamentals of interviewing and counseling in the correctional science field. This course provides the formula for both informal and structured interview techniques in order to maximize the opportunity for investigations, information, and intelligence gathering. (formerly CORR 103)

Recommended Preparation: CORR-101., ENGL-101.
Transfers to CSU only

CORR-504 Legal Aspects of Corrections (formerly CORR-104)
3 Units (LEC 48-54)

This course provides students with an awareness of the historical framework, concepts, and case law that direct correctional science practice. The course material gives the student a perspective of the correctional environment in relation to security issues, search and seizure, plea-bargaining, prisoner religious issues, as well as the responsibilities and liabilities of correctional staff. (formerly CORR 104)

Recommended Preparation: AJ-101 and AJ-103., ENGL-101.
Transfers to CSU only

CORR-710 Basic Corrections Academy
7 Units (LAB 216-243, LEC 40-45)

This course provides thorough understanding of correctional policy and procedure. The course will prepare students for a career in Corrections, either in a County jail facility, Private prison, or Return to Custody Community Corrections Facility. It does not serve as a precursor for employment at either the federal or state levels.

Prerequisite: Interview with Academy instructor.
Not transferable

Culinary Arts (CUL)

CUL-110 Sanitation and Safety
2 Units (LEC 32-36)

This course covers basic principles of safety and sanitation in a food service establishment. Topics include safe food handling from receiving, storage, preparation, holding, serving, accident prevention and pest control. Students that pass the course will have the opportunity to take the ServSafe examination. This certificate is recognized all across the United States and is necessary for employment as a manager.

Transfers to CSU only

CUL-120 Food, Beverage and Labor Cost Control
3 Units (LEC 48-54)

This course is designed to teach students the skills needed to move into a managerial role. Topics will include purchasing food, beverages and supplies for food service and hospitality establishments. Emphasis will be placed on sourcing vendors and how to properly purchase goods. Scheduling of employees and labor cost control techniques will also be discussed.

Prerequisite: CUL-500 (with a grade of C or better).
 Transfers to CSU only

CUL-150 Introduction to Culinary Arts 1
3 Units (LAB 72-81, LEC 24-27)

This course facilitates a comprehensive hands-on introduction to culinary basics. Topics will include classic knife cuts, terminology, equipment, measurement, ingredients, vegetable and starch cookery, stocks, sauces and soups. Classic techniques, customer service, communication, teamwork and time management will be emphasized.

Transfers to CSU only

CUL-500 Introduction to Culinary Arts 2
4 Units (LAB 168-189, LEC 8-9)

This course continues the study of basic culinary techniques. Emphasis will be placed on meat and seafood fabrication in addition to the cooking techniques for a variety of proteins. All basic preparations are taught which include many classic, international and popular dishes.

Prerequisite: CUL-110 (with a grade of C or better) and CUL-150 (with a grade of C or better).
 Transfers to CSU only

CUL-700 Culinary History
2 Units (LEC 32-36)

This course examines the history of food and its preparation from prehistoric times until the present. The evolution of kitchens and processing of foods throughout history will also be a focus of this course. The appreciation and understanding of important historical developments in the culinary arts will be emphasized.

Not transferable

CUL-705 Baking and Pastry
4 Units (LAB 168-189, LEC 8-9)

This course is a combination of theory, lecture, demonstration, and hands-on production to provide an introduction to baking and pastry techniques for use in a commercial kitchen. Focus is placed on the function of ingredients, product identification and weights and measures. Instruction is provided on the preparation of yeast-raised doughs, roll-in doughs, pie doughs, basic cake mixing methods, fillings, icings, pastry cream, cookies, ice cream and finishing techniques.

Prerequisite: CUL-500 (with a grade of C or better) and CUL-700 (with a grade of C or better).
 Not transferable

CUL-710 Entrepreneurship and Hospitality Management
2 Units (LEC 32-36)

This course introduces students to entrepreneurship in the hospitality industry. Topics will include entrepreneurial resources, how to write a business plan and how to grow and sustain a business. This course will also cover dining room service and bar and beverage management.

Prerequisite: CUL-120 (with a grade of C or better) and CUL-705 (with a grade of C or better).
 Not transferable

CUL-750 The Art of Garde Manger
4 Units (LAB 168-189, LEC 8-9)

This course provides students with skills and knowledge of the organization, equipment and responsibilities of the cold kitchen. Students are introduced to and prepare cold hors d'oeuvres, appetizers, sandwiches, salads, smoking, curing as well as basic charcuterie items. Utilization of entire products are discussed. Reception foods and buffet arrangements are introduced. Students must pass a written and practical exam.

Prerequisite: CUL-120 (with a grade of C or better) and CUL-705 (with a grade of C or better).
 Not transferable

Dance (DAN)

DAN-100 History and Appreciation of Dance
3 Units (LEC 48-54)

This course explores the universal human activity known as dancing from a cross-cultural perspective, examining the myriad ways in which dance functions in societies. The histories, theories, techniques, and purposes of various theatrical, religious, and social dances from around the world are compared, contrasted, and interrelated. The culture-specific nature of the dancing body and its audiences are analyzed to discover the meanings carried within these dances. *Cross-listed as HIST-151.

Transfers to both UC/CSU

IGETC Area(s): 3A, 3B

CSU Area(s): C1, C2

AA/AS General Education: AA/AS B2, AA/AS C, AA/AS F

DAN-108 Improvisation for Dance and Theater
3 Units (LEC 48-54)

This course explores unscripted theater using techniques found in dance, action theater, mask work, contact improvisation, viewpoints, and theater games within the historical and cultural context of these methods. Students will develop as whole performers through learning intuitive response techniques in all performance situations. *Cross-listed as THA-108.

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS C, AA/AS E

DAN-120 Conditioning and Alignment for Dance
2 Units (LAB 24-27, LEC 24-27)

This course introduces students to a variety of movement disciplines, theories, and practices related to dance, which may include Pilates, Yoga, Alexander Technique, Bartenieff Fundamentals, and resistance training. Exercises for strength, flexibility, neuromuscular coordination and cardiovascular health are augmented with conditioning for alignment and relaxation. Students learn to assess their own conditioning needs for overall fitness and injury prevention. Appropriate for both dance and general education students, individual plans will be created and implemented.

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS E

Course Related Content Group: Conditioning, Misc

DAN-121A Beginning Ballet
2 Units (LEC 24-27, LBE 24-27)

This course introduces students to beginning ballet technique, movement principles, and vocabulary. Students will gain knowledge of introductory ballet barre and center exercises, as well as increase their understanding of the ballet aesthetic and recognition of that aesthetic historically as part of the western tradition. Through this course students will attain improved alignment, increased strength, flexibility, balance and awareness of the physical body in space.

Transfers to both UC/CSU

CSU Area(s): C1

AA/AS General Education: AA/AS E

Course Related Content Group: Ballet

DAN-121B Advanced Beginning Ballet
2 Units (LEC 24-27, LBE 24-27)

This course builds upon beginning ballet technique and further develops student performance of beginning ballet movement principles and vocabulary. It expands student knowledge of beginning ballet barre and center exercises as well as knowledge of the ballet aesthetic. This course will improve alignment and increase strength, flexibility, balance and awareness of the physical body in space and time.

Prerequisite: DAN-121A (with a grade of C or better) or audition.

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS E

Course Related Content Group: Ballet

DAN-122A Beginning Modern Dance
2 Units (LEC 24-27, LBE 24-27)

This course focuses on the inner impulse of modern dance (sometimes referred to as 'contemporary') and draws upon the movement vocabularies and approaches to movement developed by Graham, Holm, Humphrey-Weidman, Limon, Cunningham, Horton, Hawkins, Taylor, Tharp, Hay and Farber. The development of dynamic alignment, suppleness, flexibility, rhythmicity, musicality, endurance, balance, modern dance movement vocabulary and historicity are emphasized.

Transfers to both UC/CSU

CSU Area(s): C1

AA/AS General Education: AA/AS E

Course Related Content Group: Modern

DAN-122B Advanced Beginning Modern Dance
2 Units (LEC 24-27, LBE 24-27)

This course builds upon beginning modern dance technique and further develops student performance of modern dance movement principles and vocabularies. Approaches to movement studied may include Graham, Holm, Humphrey-Weidman, Limon, Cunningham, Horton, Hawkins, Taylor, Tharp, Hay, Farber and Lewitzky. The continued development of modern dance movement fundamentals will be emphasized as a means by which individual students develop their artistic voices as dancers.

Prerequisite: DAN-122A (with a grade of C or better) or by audition.

Transfers to both UC/CSU

AA/AS General Education: AA/AS E

Course Related Content Group: Modern

DAN-123A Beginning Jazz Dance
2 Units (LEC 24-27, LBE 24-27)

This course is an introduction to the highly stylized dance form known as jazz which incorporates African, Latin, Theatrical, and Contemporary movement and music styles. Since jazz dance is an important American vernacular dance genre, the most current trends in television, film, and stage dance may be included. The historical roots and development of jazz as a fusion dance form of North America will be studied. (formerly DAN 123)

Transfers to both UC/CSU

CSU Area(s): C1

AA/AS General Education: AA/AS E

Course Related Content Group: Jazz Dance

DAN-123B Advanced Beginning Jazz Dance
2 Units (LEC 24-27, LBE 24-27)

This course further develops student performance of jazz dance vocabularies and fundamentals. Proper alignment, improved flexibility, and increased strength and endurance will be emphasized. The continued development of self-expression will also be stressed as this is a highly stylized dance form.

Prerequisite: DAN-123A (with a grade of C or better) or audition.

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS E

Course Related Content Group: Jazz Dance

DAN-124 Beginning Tap Dance
2 Units (LEC 24-27, LBE 24-27)

This course introduces students to the uniquely American dance form known as tap dance at a beginning level. Basic steps, rhythms, vocabulary, beginning musicality and movement skills are introduced. This course emphasizes fundamental tap dance skills and introduces students to the historical and cultural context of tap dance.

Other Enrollment Criteria: Students must purchase tap shoes for their own use.

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS E

Course Related Content Group: Tap Dance

DAN-125 Choreography I
3 Units (LEC 48-54)

This course emphasizes analysis of the evocative language of movement as a form of human expression through the art of choreography. Various means of instruction are employed to introduce choreographic forms and principles, history, cultural significance and the elements of space, time, energy, motion and stasis in this entry-level course teaching students about dance composition. Personal investment, individual creativity and the development of a movement aesthetic and choreographic voice are stressed.

Transfers to both UC/CSU

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C, AA/AS E

Course Related Content Group: Choreography

DAN-126A Intermediate Modern Dance
2 Units (LEC 16-18, LBE 48-54)

This course facilitates the development of modern dance technique beyond a beginning level. Emphasis is placed upon deepening the dancer's technical and expressive skills through more complex movement combinations and improvisations. Rhythmic, spatial and dynamic movement skills are furthered developed as well as the understanding of the historical and cultural context of the modern dance canon.

Prerequisite: DAN-122A or DAN-122B (with a grade of C or better) or by audition.

Transfers to both UC/CSU

CSU Area(s): C1

AA/AS General Education: AA/AS E

Course Related Content Group: Modern

DAN-126B Advanced Intermediate Modern Dance
2 Units (LEC 16-18, LBE 48-54)

This course continues the development of modern dance technique at an advanced-intermediate level and focuses on the integration of dynamic alignment, technical skill, and artistic expression. Through the continued study of various modern dance movement vocabularies and aesthetics, students deepen their expressive skills and dynamic range as well as their understanding of the genre. Complex movement sequences, multi-layered rhythms, dynamic effort qualities, and musical cues will be synthesized, and simultaneously negotiated, in class movement explorations.

Prerequisite: DAN-122A or DAN-122B or DAN-126A (with a grade of C or better) or audition.

Transfers to both UC/CSU

AA/AS General Education: AA/AS E

Course Related Content Group: Modern

DAN-127A Intermediate Jazz Dance (formerly DAN-127)
2 Units (LEC 16-18, LBE 48-54)

This course facilitates the study of jazz dance technique at an intermediate level, focusing on the student's development of technical skills and vocabulary specific to the jazz dance genre. A variety of classical and contemporary presentational styles will be explored as well as the historical and cultural context of jazz dance. This course facilitates the student's examination of movement dynamics, musicality and rhythm as they apply to technical and expressive movement skills. (formerly DAN 127)

Prerequisite: DAN-123A or DAN-123B (with a grade of C or better) or by audition.

Transfers to both UC/CSU

CSU Area(s): C1

AA/AS General Education: AA/AS E

Course Related Content Group: Jazz Dance

DAN-127B Advanced Intermediate Jazz Dance
2 Units (LEC 16-18, LBE 48-54)

This course facilitates the continued study of jazz dance technique at an advanced-intermediate level and focuses on the synthesis of technical skills with artistic expression. Through the study of various expressions of jazz dance including concert, musical theater, and street forms, students will deepen their expressive skills and dynamic range as well as their historical understanding of the genre.

Prerequisite: DAN-123A or DAN-123B or DAN-127A (with a grade of C or better) or audition.

Transfers to both UC/CSU

AA/AS General Education: AA/AS E

Course Related Content Group: Jazz Dance

DAN-128A Intermediate Ballet (formerly DAN-128)
2 Units (LEC 24-27, LBE 24-27)

This course facilitates the study of ballet technique and aesthetics beyond a beginning level. The development of the dancer's technical, artistic and expressive dance skills are a primary focus within both classical and contemporary ballet styles. The historical and cultural context of ballet, including European and other influences, will also be examined.

Prerequisite: DAN-121A or DAN-121B (with a grade of C or better) or by audition.

Other Enrollment Criteria: Students must supply their own ballet slippers for this course.

Transfers to both UC/CSU

CSU Area(s): C1

AA/AS General Education: AA/AS E

Course Related Content Group: Ballet

DAN-128B Advanced Intermediate Ballet
2 Units (LEC 24-27, LBE 24-27)

This course facilitates the study of ballet technique and aesthetics at an advanced-intermediate level. The dancer's technical, artistic and expressive dance skills will mature within both classical and contemporary ballet styles. Class exercises will be contextualized within the historical and cultural context of ballet.

Prerequisite: DAN-121A or DAN-121B or DAN-128A (with a grade of C or better) or audition.

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS E

Course Related Content Group: Ballet

DAN-129 Intermediate Tap Dance
2 Units (LEC 24-27, LBE 24-27)

This course facilitates the development of tap dance technique beyond a beginning level. Increased dance proficiency is gained specific to the analysis and practice of syncopated and swing rhythms within extended combinations and improvisations. Intermediate vocabulary is utilized and the historical and cultural context of tap dance is discussed.

Prerequisite: DAN-124 (with a grade of C or better) or by audition.

Other Enrollment Criteria: The student must provide tap shoes for their own use.

Transfers to both UC/CSU

CSU Area(s): C1

AA/AS General Education: AA/AS E

DAN-131A Beginning Hip Hop (formerly DAN-131)
2 Units (LEC 24-27, LBE 24-27)

This course introduces students to beginning hip hop technique, vocabulary, and movement principles within its historical context. The course emphasizes the development of coordination, strength, stamina, and rhythm necessary to meet the demands of high intensity performance skills in popular street dancing forms. The most current trends in film, television, street and concert dance may be included. Students will be encouraged to develop an individual and personal style as indigenous to this dance form. (formerly DAN 131)

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS E

Course Related Content Group: Hip Hop

DAN-131B Advanced Beginning Hip Hop
2 Units (LEC 24-27, LBE 24-27)

This advanced beginning course in hip hop expands the movement vocabularies of the form within its historical and multicultural context. The most current trends in film, concert dance, and television may be included. Students will increase their skill and development of coordination, strength, stamina, and rhythm necessary to meet the demands of the high intensity dancing required in popular street forms. Individual interpretation and personal style will be encouraged as is indigenous to this genre.

Prerequisite: DAN-131A (with a grade of C or better) or audition.

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS E

Course Related Content Group: Hip Hop

DAN-133 History of Popular Dance in the United States
3 Units (LEC 48-54)

This course investigates the history of vernacular dance in the United States from the late 18th century to the present. Emphasis is placed on analysis of the dances of Colonial America, minstrelsy, vaudeville, Broadway, and Hollywood Musicals. Television, ballet, modern dance, jazz, ballroom, and street styles are investigated for their cultural significance. Distinctions between dance styles imported to the United States and American styles created from a fusion of those imported styles are also examined.

Transfers to both UC/CSU

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS B2, AA/AS C

DAN-135A Intermediate Hip Hop
2 Units (LEC 24-27, LBE 24-27)

This course in hip hop continues with the movement vocabularies of street dancing and its cultural and historical context at the intermediate level. The most current trends in film, concert dance and television may be included. The course emphasizes further development of coordination, strength, stamina and rhythm necessary to meet the demands of high intensity performance skills in popular street forms. Students will develop individual interpretation and personal style within the hip hop genre.

Prerequisite: DAN-131A (with a grade of C or better) or audition.

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS E

Course Related Content Group: Hip Hop

DAN-135B Advanced Intermediate Hip Hop
2 Units (LEC 24-27, LBE 24-27)

This course facilitates the continued study of hip hop dance technique at an advanced-intermediate level and focuses on the synthesis of technical skill with artistic expression. Through the study of various trends in film, concert dance, and television, students will deepen their coordination, strength, stamina, rhythm as well as personal style and expression. Cultural and historical associations and influences will also be emphasized.

Prerequisite: DAN-135A (with a grade of C) or audition.
 Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS E

Course Related Content Group: Hip Hop

DAN-201 Dances of the World
1 Unit (LAB 16-18)

This course offers the opportunity for concerted study in up to four specific, world dance traditions. Through weekly classes, lectures, demonstrations, and performances-live and on video, students explore dance forms within a sociocultural context. Dances are analyzed over the diaspora for their historic traditions, sacred/ceremonial import, and/or social impact. Classes will include the movement, vocabulary, rhythms and styles of each form, emphasizing intersections of race, class, gender, sexuality as well as national and minoritized identities.

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS C, AA/AS E, AA/AS F

DAN-212 Dance Production
1-3 Unit (LAB 144-162)

This course is designed to produce and present a dance concert. Students are introduced to the major aspects of dance production, with emphasis placed on the choreographic and rehearsal process as it leads to the creation of a dance performance. Students are given opportunities to choreograph, perform and work within technical theater roles. This course culminates in a public performance of a dance concert.

Prerequisite: By audition or interview.

Transfers to both UC/CSU

CSU Area(s): C1

AA/AS General Education: AA/AS E

Course Related Content Group: Dance Production

DAN-213 Dance Performance
1-3 Unit (LAB 144-162)

This course presents students with the opportunity to learn and perform a variety of genres and styles of dance created by faculty and guest artists, thus broadening their experience. Students will be given opportunities to gain skills in many areas of production, with a focus on the rehearsal process and ensemble performance.

Prerequisite: Audition and/or interview.

Transfers to both UC/CSU

AA/AS General Education: AA/AS E

Course Related Content Group: Dance Production

DAN-214 Dance Touring Ensemble
3 Units (LAB 96-108, LEC 16-18)

This course provides experience for the intermediate to advanced dancer to develop, rehearse, and tour choreographic presentations on the art of dance for schools, community centers, and senior citizen residencies throughout the MSJC College District. Students will learn aspects of performance touring and will participate in various roles which may include: creating the lecture-demonstration, creating original choreography, learning existing repertory, assisting in dance reconstructions, designing costumes, and participating in technical support.

Prerequisite: By audition and/or interview.

Recommended Preparation: One year of dance training or performing experience per vitae.

Transfers to both UC/CSU

AA/AS General Education: AA/AS E

Course Related Content Group: Dance Production

DAN-216 Musical Theater Production: Dance
1-3 Unit (LAB 144-162)

This course is designed for the presentation of a musical. Students will learn the fundamentals of preparation of a production including: rehearsal technique, acting, movement, music, dramatic text, and technical theater.

Prerequisite: By audition and/or interview.

Transfers to both UC/CSU

Course Related Content Group: Dance Production, Musical Theater Production

DAN-225 Choreography II
3 Units (LEC 48-54)

This course offers the continuing study of the art of choreography emphasizing the analysis of the language of movement as a form of human expression. Choreographic forms, principles, history, and the elements of space, time, energy, shape, motion and stasis are investigated on an intermediate level.

Prerequisite: DAN-125 (with a grade of C or better).

Recommended Preparation: Prior dance experience.

Transfers to both UC/CSU

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C

Course Related Content Group: Choreography

DAN-299 Special Projects: Dance
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Dance classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

CSU Area(s): C1

Diagnostic Medical Sonography (DMS)

DMS-100 Fundamentals of Diagnostic Medical Sonography **2 Units (LAB 48-54, LEC 16-18)**

This is an introductory course for students accepted into the Diagnostic Medical Sonography program. The student will learn basic scanning skills, transducers and monitor orientation using ultrasound machines. The Society of Diagnostic Medical Sonographers Code of ethics and Clinical Practice Standards will be discussed along with sonography terms and scanning planes. Students will learn to identify and image anatomy using ultrasound machines.

Prerequisite: Acceptance into the Diagnostic Medical Sonography Program.

Transfers to CSU only

DMS-101 Pathophysiology **3 Units (LEC 48-54)**

This course examines the general principles of the disease process of organs and systems of the human anatomy. It includes chronic and acute diseases of the respiratory, musculoskeletal and gastrointestinal tract diseases; diseases of the genitourinary systems and reproductive organs.

Prerequisite: Acceptance into the Diagnostic Medical Sonography Program.

Transfers to CSU only

DMS-102 Sonography Medical Ethics **3 Units (LEC 48-54)**

This course introduces the DMS student to the laws related to patient rights, intentional torts, negligence, and malpractice litigation. The course will alert the students of their rights, duties, and legal responsibilities within the context of their function as a member of the allied health care team.

Prerequisite: Acceptance into the Diagnostic Medical Sonography Program.

Transfers to CSU only

DMS-103 Patient Care Techniques for Sonographers **3 Units (LAB 48-54, LEC 32-36)**

This course is designed to teach the DMS student basic patient care techniques including the responsibilities and relationships of various allied health departments in a health care setting. Aseptic and surgical techniques will be discussed along with universal precautions. Emergency conditions and procedures are included.

Prerequisite: Acceptance into the Diagnostic Medical Sonography Program.

Transfers to CSU only

DMS-104 Clinical Observation **2 Units (LAB 96-108)**

This course is offered as on-the-job observation in a sonography department of a selected, affiliated hospital/medical center. The student will observe the functions, procedures, and protocols of an ultrasound department and will learn to read physician orders, compare them with the patients chart and proceed with the requested examination. The student will demonstrate proper sterile technique and universal precautions. The student will learn the functions of the sonography equipment used in the clinical training site.

Prerequisite: DMS-100 (with a grade of C or better).
Transfers to CSU only

DMS-110 Sectional Imaging **2 Units (LEC 32-36)**

This course instructs students to recognize cross sectional anatomy and understand the relationship of anatomical structures to each other on computerized tomography, magnetic resonance, and ultrasound imaging exams. Students will be instructed on how to recognize and correlate normal anatomy and abnormal pathology as seen on multiple imaging modalities. This correlation is important for students to understand when reviewing prior imaging exams. Students will identify anatomy of the brain, thorax, abdomen, pelvis, and vascular system.

Prerequisite: DMS-100 with a grade of C or better).
Transfers to CSU only

DMS-114 Clinical Experience I **5 Units (LAB 240-270)**

This course is offered as on the job training in a sonography department of a selected affiliated hospital/medical center. The student will begin to demonstrate the ability to perform sonographic examinations of the abdomen and superficial structures according to protocol guidelines established by the program and the clinical education center utilizing state of the art equipment.

Prerequisite: DMS-104 (with a grade of C or better).
Transfers to CSU only

DMS-120 General Sonography Scanning Lab (formerly Abdomen Scanning) **1.5 Unit (LAB 72-81)**

This course includes patient care protocols, interpretation of clinical laboratory tests, related clinical signs and symptoms, normal and abnormal sonographic appearances, and gray-scale pattern differences are discussed. Imaging practicals include exams of the abdomen, breast, thyroid, and testicular anatomy. Lab practicals are performed on live volunteers or ultrasound simulator for abdominal and thyroid. Lab practicals for breast and testicular are performed on ultrasound phantoms.

Prerequisite: DMS-100 (with a grade of C or better).
Transfers to CSU only

DMS-122 Ultrasound Pathology I
3 Units (LEC 48-54)

This course will include abnormal sonographic and doppler patterns of disease processes, pathology and pathophysiology of the abdomen, breast, thyroid, prostate and scrotum. Students will recognize, identify and appropriately document pathology of the abdomen and superficial structures.

Prerequisite: DMS-100 (with a grade of C or better) or Sonography Program Graduate or RDMS- Registered Diagnostic Medical Sonographer through ARDMS or RDCS- Registered Diagnostic Cardiac Sonographer through ARDMS or RVT- Registered Vascular Technologist through ARDMS or RCS- Registered Cardiac Sonographer through CCI or CVS- Certified Vascular Sonographer through CCI.

Transfers to CSU only

DMS-124 Clinical Experience II
10 Units (LAB 480-540)

This course is offered as advanced on the job training in a sonography department of a selected affiliated hospital/medical center. The student will demonstrate the ability to perform sonographic examinations of the abdomen and superficial structures according to protocol guidelines established by the program and the clinical education center utilizing state of the art equipment.

Prerequisite: DMS-114 (with a grade of C or better).

Transfers to CSU only

DMS-125 Ultrasound Physics and Instrumentation I
2 Units (LEC 32-36)

This is the first of two sequential courses designed to teach Ultrasound Physics and Instrumentation. The focus of Ultrasound Physics and Instrumentation I is the basic mathematics used in the physics of sound, elementary principles of ultrasound physics and instrumentation, the propagation of ultrasound through tissue, Ultrasound transducers, pulse echo instruments and the principles of pulse echo imaging.

Prerequisite: Acceptance into the Diagnostic Medical Sonography Program.

Transfers to CSU only

DMS-130 Obstetric/Gynecology Scanning
1.5 Unit (LAB 72-81)

This course includes instruction on Obstetric/Gynecology anatomy, pathology, and sonography scanning techniques. Interpretation of clinical laboratory tests, related clinical signs and symptoms, and normal and abnormal sonographic patterns will be discussed. Demonstrations on basic scanning techniques and protocols will be included.

Prerequisite: DMS-120 (with a grade of C or better).

Transfers to CSU only

DMS-132 Ultrasound Pathology II
3 Units (LEC 48-54)

This course examines normal and abnormal sonographic patterns of pelvic and obstetric disease processes, pathology, and pathophysiology. Students will recognize, identify, and appropriately document pathology of the female pelvis, gravid uterus, and fetus. Case studies will be evaluated and discussed.

Prerequisite: DMS-122 (with a grade of C or better) or Sonography Program Graduate. or RDMS license-Registered Diagnostic Medical Sonographer through ARDMS or RVT license-Registered Vascular Technologist through ARDMS or CVT license- Certified Vascular Technologist through CCI or RDMS license- Registered Diagnostic Cardiac Sonographer through ARDMS or RCS- Registered Cardiac Sonographer license through CCI.

Transfers to CSU only

DMS-134 Ultrasound Seminar
2 Units (LEC 32-36)

This course is a review of ultrasound physics/instrumentation, abdomen and superficial structures, and presentation of case studies. Discussion of interesting and/or rare cases pertaining to clinical symptoms, sonographic patterns and technical pitfalls will be included. New trends in diagnostic imaging are introduced. Practice testing to prepare for the ARDMS registry examinations and instruction on writing a resume will be included in the course.

Prerequisite: DMS-132 and DMS-140 (with a grade of C or better).

Transfers to CSU only

DMS-135 Ultrasound Physics and Instrumentation II
2 Units (LEC 32-36)

This is the second of two courses designed to teach Ultrasound Physics and Instrumentation. The focus of this course is image storage and display, hemodynamics, doppler, color flow and color power imaging, artifacts found in ultrasound, quality assurance, and the bioeffects and safety of ultrasound.

Prerequisite: DMS-125 (with a grade of C or better).

Transfers to CSU only

DMS-136 Clinical Experience III (formerly Clinical Experience IV)
10 Units (LAB 480-540)

This course is offered as a continuation of advanced on the job training in a sonography department of a selected affiliated hospital/medical center. The student will demonstrate the ability to perform sonographic examinations of the abdomen, superficial structures, pelvic, and obstetric exams according to protocol guidelines established by the program and the clinical education center utilizing state of the art equipment.

Prerequisite: DMS-124 (with a grade of C or better).

Transfers to CSU only

DMS-140 Introduction to Vascular Imaging
2 Units (LEC 32-36)

This course is to provide the DMS student with an introduction to vascular scanning and evaluating hemodynamics or blood flow within the body; specifically the carotid artery, and the arteries and veins of the extremities. The course will introduce duplex imaging in the normal vessel and the expected outcomes when scanning a diseased or stenotic vessel. The student will learn to correlate related diagnostic imaging procedures (angiogram, MRA and CT) with the sonographic appearances.

Prerequisite: DMS-120 (with a grade of C or better) or Sonography Program Graduate or RDMS license-Registered Diagnostic Medical Sonographer through ARDMS or RVT license- Registered Vascular Technologist through ARDMS or RDCS license- Registered Diagnostic Cardiac Sonographer through ARDMS or CVT license- Certified Vascular Technologist through CCI or RCS license- Registered Cardiac Sonographer through CCI.
 Transfers to CSU only

DMS-299 Special Projects: Diagnostic Medical Sonography
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Diagnostic Medical Sonography classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.
 Transfers to CSU only

Digital Media (DIG)

DIG-110 Introduction to Digital Media
3 Units (LEC 48-54)

This course explores creating digital content for a digital world. Students design projects spanning major digital media fields such as composite imagery, animation, web design, and video, to prepare them for a career in visual communication.

Recommended Preparation: Knowledge of general technology/computer use.
 Transfers to CSU only

DIG-180 Digital Media Design (formerly MUL-112 Interactive Media Design I)
3 Units (LEC 48-54)

This course provides students with web design and development skills for both web and portable devices. Students design responsive websites using HTML5, CSS, and grid layouts, create responsive images and effective typography and apply user interface concepts and principles for a quality user experience. (formerly MUL 112)

Prerequisite: DIG-110 (with a grade of C or better).
 Transfers to CSU only

DIG-181 Social Media Marketing (formerly DIG-581)
3 Units (LEC 48-54)

This social media marketing course provides students with an online marketing foundation in social networking by providing an overview of social media technology and platforms. An emphasis will be placed on productivity and framework for understanding and evaluating new tools and platforms as they relate to business/organizational goals aligned with a call to action towards a target market. (formerly DIG 581)

Prerequisite: DIG-110 (with a grade of C or better).
 Transfers to CSU only

DIG-190 Video Production I (formerly Digital Video Design I)
3 Units (LAB 48-54, LEC 32-36)

This course introduces students to the theoretical concepts and equipment operations of video production. Students will learn basic camera operations, lighting techniques, production techniques, audio-for-video techniques and video editing. Other topics covered in this course include acting, directing, storyboard, scripting, and production ethics.
 *Cross-listed as AUD-180.

Recommended Preparation: DIG-110.
 Transfers to both UC/CSU

DIG-299 Special Projects: Digital Media (formerly MUL-299 Special Projects: Multimedia)
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor. (formerly MUL 299)

Prerequisite: Two Digital Media classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.
 Transfers to CSU only

DIG-549 Cooperative Work Experience: Digital Media (formerly DIG-149)
0.5-8 Units CWE Paid 37.5-600/Non-paid 30-480

This course is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the students' educational or occupational goal (Title 5 section 55252). Students may earn a maximum of (8) semester credit hours during one enrollment period. Students may earn up to a total of 16 semester credit hours for all Cooperative Work Experience Education. Offered as pass/no pass only. (formerly DIG 149)

Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. A training agreement must be completed prior to registration. Please refer to the Cooperative Work Experience Student Handbook for specific information.
 Transfers to CSU only

DIG-570 Motion Graphics (formerly DIG-172)
3 Units (LEC 48-54)

This course applies motion graphics techniques in commercial and entertainment communication. Students create motion-based overlays integrating sound, graphics, digital video, animation, transparencies and text using digital visual effects, motion graphics, and compositing software. (formerly DIG 172)

Prerequisite: DIG-110 (with a grade of C or better).
 Transfers to CSU only

DIG-572 3D Animation (formerly DIG-170)
3 Units (LEC 48-54)

This course covers the process of 3D computer graphics. Issues related to modeling, material texture and animation are a particular focus. Cinematic staging and lighting are also covered topics. Still and animated imagery will be created using industry software. (formerly DIG 170)

Prerequisite: DIG-110 (with a grade of C or better).
 Transfers to CSU only

DIG-574 Virtual Reality (formerly DIG-194)
3 Units (LEC 48-54)

This course introduces students to the techniques and technologies of storytelling in virtual reality through the creation and evaluation of interactive 360 degree media. (formerly DIG 194)

Prerequisite: AUD-180 or DIG-190 (with a grade of C or better).
 Transfers to CSU only

DIG-575 Animation Production (formerly DIG-175)
3 Units (LEC 48-54)

This course builds the team-based work habits necessary for animation production by incorporating 2D and 3D skills into the environment of the production floor and real-world deadlines. (formerly DIG 175)

Prerequisite: DIG-572 (with a grade of C or better), DIG-571 (with a grade of C or better).
 Transfers to CSU only

DIG-582 Advanced Social Media Marketing (formerly DIG-182)
3 Units (LEC 48-54)

This advanced course addresses social media marketing strategies, tools, and theories. Students research, identify and build social network platforms targeting a specific marketing campaign. (formerly DIG 182)

Prerequisite: DIG-581 (with a grade of C or better).
 Transfers to CSU only

DIG-590 Digital Video Editing (formerly DIG-192)
3 Units (LEC 48-54)

This course provides students with principles and techniques of digital video editing as it relates to the corporate, broadcast and film industries. The course is an overview of current digital non-linear edit platforms and aesthetics of editing principles, introduction to techniques and various technical skills needed to edit digital media. (formerly DIG 192)

Prerequisite: AUD-180 or DIG-190 (with a grade of C or better).
 Transfers to CSU only

DIG-592 Digital Video Design II (formerly DIG-191)
3 Units (LEC 48-54)

This course extends production interactivity by incorporating transitions, effects, compositing, and editing of commercial productions. Productions include video, animation, typography, digital imagery, movement and audio. Students will explore all phases of advanced video including pre-production, production and post-production. Concepts, design and development of digital media production and editing skills as they relate to the internet, mobile devices, and traditional broadcast mediums will be explored in this course. (formerly DIG 191)

Prerequisite: AUD-180 or DIG-190 (with a grade of C or better).
 Transfers to CSU only

DIG-593 Professional Production (formerly DIG-195)
3 Units (LEC 48-54)

This advanced course provides students with real-world digital media production and post-production experiences through the creation of marketing, promotional, informational, and instructional video projects. Single and multi-camera productions, and video design and editing activities are performed in this course. (formerly DIG 195)

Prerequisite: AUD-183 or DIG-592 (with a grade of C or better).
 Transfers to CSU only

DIG-594 Production Management (formerly DIG-193)
3 Units (LEC 48-54)

This course is designed to prepare the student to plan and manage corporate, marketing, promotional, broadcast and non-broadcast digital video projects. Students will create linear style scripts and translate the printed script to a visual representation of the story material. Students will also analyze and breakdown budgets and schedule the components of the project, based upon a script, storyboard, or concept requirements, time and resources. (formerly DIG 193)

Prerequisite: AUD-180 or DIG-190 (with a grade of C or better).
 Transfers to CSU only

DIG-598 Digital Media Project Management (formerly DIG-198)
3 Units (LEC 48-54)

This project and production management course provides students with a foundation in project planning, project control, web, video, animation production principles, and team dynamics. In addition, students will explore information processes and systems that support all digital media. (formerly DIG 198)

Prerequisite: DIG-575 or DIG-592 (with a grade of C or better).
 Transfers to CSU only

Economics (ECON)

ECON-201 Principles of Macroeconomics 3 Units (LEC 48-54)

This course covers the basic theories, concepts, terminologies, and uses of macroeconomics. Emphasis is placed on Classical and Keynesian theories, Federal Reserve System, and how institutions achieve domestic and international economic goals using monetary and fiscal policies. Concentrates on aggregate supply and demand, economic fluctuations, money and banking, national income and expenditure, employment, inflation, output, economic stability and growth. Other topics covered include international trade and finance, globalization and international impacts on economies.

Prerequisite: MATH-090 (with a grade of C or better). California law (AB 705) allows placement of students in college-level math and clears the prerequisite for this course.

Transfers to both UC/CSU

C-ID: ECON 202

IGETC Area(s): 4B

CSU Area(s): D2

AA/AS General Education: AA/AS B2

ECON-201H Honors Principles of Macroeconomics 3 Units (LEC 48-54)

This course covers the basic theories, concepts, terminologies, and uses of macroeconomics. Emphasis is placed on Classical and Keynesian theories, Federal Reserve System, and how institutions achieve domestic and international economic goals using monetary and fiscal policies. Concentrates on aggregate supply and demand, economic fluctuations, money and banking, national income and expenditure, employment, inflation, output, economic stability and growth. Other topics covered include international trade and finance, globalization and international impacts on economies.

Prerequisite: Acceptance into the Honors Enrichment Program., MATH-090 (with a grade of C or better). California law (AB 705) allows placement of students in college-level math and clears the prerequisite for this course.

Transfers to both UC/CSU

C-ID: ECON 202

IGETC Area(s): 4B

CSU Area(s): D2

AA/AS General Education: AA/AS B2

ECON-202 Principles of Microeconomics 3 Units (LEC 48-54)

This course covers the basic theories concepts terminology and uses of microeconomics. Emphasis is on the interaction of consumers business and industry choices in a market economy. Topics covered include optimizing behavior of individual firms and consumers supply and demand elasticity consumer choice production and costs market structures antitrust and regulation factor markets income and poverty market failures and public choice. Issues such as environmental problems are also studied.

Prerequisite: MATH-090 (with a grade of C or better). California law (AB 705) allows placement of students in college-level math and clears the prerequisite for this course.

Transfers to both UC/CSU

C-ID: ECON 201

IGETC Area(s): 4B

CSU Area(s): D2

AA/AS General Education: AA/AS B2

ECON-202H Honors Principles of Microeconomics 3 Units (LEC 48-54)

This course covers the basic theories concepts terminology and uses of microeconomics. Emphasis is on the interaction of consumers business and industry choices in a market economy. Topics covered include optimizing behavior of individual firms and consumers supply and demand elasticity consumer choice production and costs market structures antitrust and regulation factor markets income and poverty market failures and public choice. Issues such as environmental problems are also studied.

Prerequisite: Acceptance into the Honors Enrichment Program., MATH-090 (with a grade of C or better). California law (AB 705) allows placement of students in college-level math and clears the prerequisite for this course.

Transfers to both UC/CSU

C-ID: ECON 201

IGETC Area(s): 4B

CSU Area(s): D2

AA/AS General Education: AA/AS B2

ECON-203 Introduction to Environmental Economics 3 Units (LEC 48-54)

This course covers the economic analysis of environmental issues with an emphasis on the implications for designing appropriate policy measures. Emphasis is placed on contemporary environmental problems and economic analysis of environmental issues and economic implications of the emerging green economy. Other topics covered include environmental problems, policies on wealth distribution, economic growth, international environmental issues, urban and corporate environmentalism, economics of environmental regulation, nonrenewable resources, and sustainability.

Prerequisite: ECON-202 (with a grade of C or better).

Transfers to both UC/CSU

AA/AS General Education: AA/AS B2

ECON-299 Special Projects: Economics
1-3 Unit (IS 16-54)

Students with previous college-level course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Economics classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

Education/Teacher Preparation (ED)

ED-132 Adolescent Literature
3 Units (LEC 48-54)

This course is a survey of classic and contemporary works of literature written for and about adolescents. Students will read, analyze, and evaluate a diversity of works of poetry and prose and will explore the various genres and issues relevant to adolescent reading. Texts will be analyzed from a variety of psychological, moral, literary, and other developmental perspectives. *Cross-listed as LIT-132.

Prerequisite: ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

ED-132H Honors Adolescent Literature
3 Units (LEC 48-54)

This course is a survey of classic and contemporary works of literature written for and about adolescents. Students will read, analyze, and evaluate a diversity of works of poetry and prose and will explore the various genres and issues relevant to adolescent reading. Texts will be analyzed from a variety of psychological, moral, literary, and other developmental perspectives. *Cross-listed as LIT-132H.

Prerequisite: Acceptance into the Honors Enrichment Program., ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

ED-135 Introduction to Education
3 Units (LEC 48-54)

This course provides an introduction to careers in education, exploring professional responsibilities, career pathways, and job search strategies for credentialed teachers and para educators. The course provides entry-level training in classroom student diversity, child guidance and discipline, teaching and learning strategies, and effective communication skills.

Transfers to both UC/CSU

AA/AS General Education: AA/AS B2

ED-136 Child Growth and Development During the School Years
3 Units (LEC 48-54)

This course introduces the basic concepts of physical, cognitive, social/emotional development of the growing child, with emphasis given to development during the school age years (ages 5-12). Topics include developmental issues specific to the kindergarten through eighth grade child, the school age child as a learner, child guidance, diversity and anti-bias, working with parents and community outreach.

Transfers to CSU only

CSU Area(s): D7

AA/AS General Education: AA/AS B2

ED-138 Introduction to Elementary Classroom Teaching and Fieldwork (formerly Practicum in Elementary and Secondary Settings)
3 Units (LAB 32-36, LEC 32-36)

This course is designed to introduce students to concepts related to teaching in contemporary schools, Kindergarten through 12th grade. Topics include teaching as a profession and career and philosophical foundations, California content standards and framework, and teacher performance standards. In addition to class time, the course requires 48-54 hours of structured fieldwork in public elementary classrooms and include cooperation with at least one carefully selected campus approved certificated teacher.

Prerequisite: CDE-110 (with a grade of C or better).

Other Enrollment Criteria: Students must submit evidence of a negative TB clearance (within the last 12 months), required immunizations, and meet Health requirements as required by Title 22. Students must pay for Live Scan fingerprinting as required by the placement site. Student must meet California and site specific professional and physical fitness requirements per state law.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: EDUC 200

ED-597 Curriculum and Program Planning for School-Age Child Care (formerly ED-097)
3 Units (LEC 48-54)

This course will explore issues related to organizing, operating, and working in a Before and After School-Age Care program. Emphasis will be placed on program planning, curriculum development, behavior management, developmentally appropriate practice, and quality standards. Students may be required to observe in licensed child care or school aged environments. Some licensed care settings and elementary schools may require proof of Immunizations, TB and/or Criminal Record Clearances. (formerly ED 097)

Recommended Preparation: ED-136.

Transfers to CSU only

Emergency Medical Technician (EMS)

EMS-127 Infant to Adult Basic and Advanced Life Support 3 Units (LAB 48-54, LEC 32-36)

This course is designed for students who want to increase their current medical knowledge. Advanced topics in resuscitation are taught. The student will be graded on their performance during mock resuscitation of an infant, child and adult. The student will identify lethal arrhythmias. Students will be able to present a clear, reasoned, well-supported, argument for resuscitating an adult with ventricular fibrillation.

Recommended Preparation: Medically related educational background or employment in the field of medicine such as the hospital, Emergency Medical Services or medical clinic.

Transfers to CSU only

EMS-501 Emergency Medical Technician (formerly EMS-090) 6 Units (LAB 96-108, LEC 64-72)

This course provides the student with the knowledge to assess, treat and care for the ill or injured public. This course also provides the student with an opportunity to do a short field and hospital internship. Background check, TB test, immunization titers, physical and AHA Healthcare Provider level CPR certification are required prior to registration. (formerly EMS 090)

Other Enrollment Criteria: Immunizations or blood titers, TB clearance and physical exam. Background check required. Packet available online and be at least 18 years of age and AHA Healthcare Provider CPR Certification.

Transfers to CSU only

EMS-701 Emergency Medical Technician (refresher) (formerly EMS-098) 2.5 Units (LAB 24-27, LEC 32-36)

This course is designed for students who currently practice as an Emergency Medical Technician or have previously passed the Emergency Medical Technician course and require this course for certification renewal. Offered as pass/no pass only. (formerly EMS 098)

Recommended Preparation: EMS-501 or equivalent such as the California State EMT certification or the National registry EMT certification. Not transferable

Engineering Technologies (ENGR)

ENGR-120 Principles of Engineering Technology 3 Units (LAB 48-54, LEC 32-36)

This course includes lecture and lab components and is for students interested in pursuing a career in Engineering Technology. Students will explore technology systems and engineering processes to learn how math, science, and technology impact society. Topics include the design processes, communication and documentation, engineering systems, energy and power, statics, properties of materials, materials testing, control systems, quality assurance and reliability.

Recommended Preparation: MATH-094 or MATH-096.

Transfers to both UC/CSU

ENGR-121 Introduction to Engineering Design 3 Units (LAB 48-54, LEC 32-36)

This course provides a basic understanding of the design process used in engineering fields and the application of computer modeling software. Emphasis is placed on the design process, geometric relationships, visualization, technical sketching, modeling, model documentation, assemblies and production processes.

Transfers to both UC/CSU

ENGR-122 Electronics for Engineering Technologists (formerly ENGR-522) 3 Units (LAB 48-54, LEC 32-36)

This course will cover the application of electronics in engineering technology. The topics studied include safety, Ohm's Law, engineering notation, direct current circuits, capacitance, inductance, reactance, impedance, analog and digital waveforms, basic motors, number systems, logic gates, Boolean algebra, flip-flops, shift registers, and microprocessors. Techniques in computer simulation and electrical measurements are emphasized. (formerly ENGR 522)

Prerequisite: ENGR-121 (with a grade of C or better).
Transfers to CSU only

ENGR-124 Civil Engineering and Architecture (formerly ENGR-524) 3 Units (LAB 48-54, LEC 32-36)

This course includes a lab and lecture component and will explore the integration of engineering technology principles with civil and architectural applications. Topics include historical understandings, career fields, residential design, commercial applications, commercial building design and public applications. (formerly ENGR 524)

Prerequisite: ENGR-120 and ENGR-121 (with a grade of C or better).
Transfers to CSU only

ENGR-125 Engineering Design and Development 3 Units (LAB 48-54, LEC 32-36)

This course is a capstone course. Teams of students will work together to design and construct solutions to engineering problems. Emphasis will be placed on research methods, design problem statements, continuous improvement, cost analysis, prototyping, testing methods, project construction, and project presentation.

Prerequisite: ENGR-122, ENGR-124 and ENGR-523 (with a grade of C or better).

Transfers to CSU only

ENGR-154 Computer Aided Drafting I 3 Units (LAB 48-54, LEC 32-36)

This course is an introductory course to Computer Aided Drafting (CAD). Course provides students with the necessary skills for entry level drafting careers in fields employing architectural and engineering drawings, surveying and planimetric mapping, and computer aided mapping skills, such as Geographic Information Systems. Applying cutting edge technology in the field of drafting, students learn concepts of engineering drawing and drafting plans through digital manipulation of design elements.

Recommended Preparation: ENGL-101 or computer experience or the completion of a computer literacy class.

Transfers to both UC/CSU

ENGR-155 Computer Aided Drafting II
3 Units (LAB 48-54, LEC 32-36)

This course provides students with the necessary skills for drafting careers in fields that employ architectural engineering drawings surveying, planimetric mapping, computer aided mapping skills such as Geographic Information Systems and Manufacturing. Applying cutting edge technology in the field of drafting students learn concepts of engineering drawing and drafting plans through digital manipulation of design elements. Exercises focus on coordinate geometry modeling programming and plotting.

Prerequisite: ENGR-154 (with a grade of C or better).
 Transfers to CSU only

ENGR-164 Plane Surveying I
3 Units (LAB 24-27, LEC 40-45)

This course will cover surveying fundamental skills which includes; use and proper care of surveying instruments, horizontal, vertical and angular measurements, layout and traverse procedures, computation, analysis, and adjustments of the traverse. Students will also get an introduction to the Public Land Survey System, State Plane Coordinates, Global Positioning System, and state/local laws.

Recommended Preparation: MATH-094 or MATH-096.
 Transfers to CSU only

ENGR-180 Introduction to Engineering
2 Units (LEC 32-36)

This course introduces the career opportunities and skills needed to become an engineer or work as engineering support. Students will learn engineering communication standards for laboratory report writing, graphical presentations, and problem solving. Methods will include the scientific method and introduction to engineering design processes. This course is recommended for all students considering a career in engineering or engineering support.

Transfers to CSU only

ENGR-181 Statics
3 Units (LEC 48-54)

This course lays the foundation of Newtonian mechanics and serves as the building block for further courses in analysis and design. A study of two- and three-dimensional equilibrium of particles and rigid bodies; concentrated and distributed force systems; shear and bending moment stresses in beams; analysis of frames, machine and trusses; force resultant using vectors in two and three dimension; non-coplanar force system, friction forces; center of gravity and moment of inertia.

Prerequisite: PHY-201 (with a grade of C or better) and MATH-212 (with a grade of C or better).
 Transfers to CSU only

ENGR-182 Strength of Materials (formerly Strength and Materials)
3 Units (LEC 48-54)

This course teaches engineers how to analyze material selection and calculate physical stress parameters. Analyses will include plane stress-strain, axial, torsional, bending and shear stresses, including combined loads, Mohr's Circle, principal stresses and strains, and pressure vessels. Students will study Hooke's Law and material properties; allowable stress and factor of safety; statically indeterminate members; shear and moment diagrams; moment-area; slope by double integration; singularity functions; superposition; Castigliano methods; thermal expansion; indeterminate forms; and column buckling.

Prerequisite: ENGR-181 (with a grade of C or better).
 Transfers to CSU only

ENGR-299 Special Projects: Engineering
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Engineering Technology classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.
 Transfers to CSU only

ENGR-505 Organizational Behavior (formerly ENGR-108)
3 Units (LEC 48-54)

This course covers the impact of different management practices and leadership styles on worker satisfaction and morale, organizational effectiveness, productivity, and profitability. Topics include coverage of formal and informal organizations, group dynamics, motivation, and managing conflict and change. Upon completion, students should be able to analyze different types of interpersonal situations and determine an appropriate course of action. *Cross-listed as MGT-505. (formerly ENGR 108)

Transfers to CSU only

ENGR-523 Computer Integrated Manufacturing (formerly ENGR-123)
3 Units (LAB 48-54, LEC 32-36)

This course explores the integration of engineering technology principles and automation in manufacturing environments. Topics include 3-D design and modeling, CNC programming and production, rapid prototyping, robotics and manufacturing systems. (formerly ENGR 123)

Prerequisite: ENGR-120 and ENGR-121 (with a grade of C or better).
 Transfers to CSU only

ENGR-549 Cooperative Work Experience: Engineering Technology (formerly ENGR-149)
0.5-8 Units CWE Paid 37.5-600/Non-paid 30-480

This course is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the students' educational or occupational goal (Title 5 section 55252). Students may earn a maximum of (8) semester credit hours during one enrollment period. Students may earn up to a total of 16 semester credit hours for all Cooperative Work Experience Education. Offered as pass/no pass only. (formerly ENGR 149)

Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. A training agreement must be completed prior to registration. Please refer to the Cooperative Work Experience Student Handbook for specific information. Transfers to CSU only

ENGR-565 Plane Surveying II (formerly ENGR-165)
3 Units (LAB 24-27, LEC 40-45)

This advanced course is a continuation of Plane Surveying I and designed for students seeking a career in surveying and engineering. Students will compute horizontal and vertical curves, earthworks, and adjustment of level nets. Students will be introduced to the Public Land Survey System, California Coordinate System, easements and property descriptions, astronomic observations, Global Information System, and photogrammetry. (formerly ENGR 165)

Prerequisite: ENGR-164 (with a grade of C or better).
 Transfers to CSU only

ENGR-566 Legal Aspects of Surveying (formerly ENGR-166)
3 Units (LEC 48-54)

This course teaches the legal aspects of public land surveys, municipal property surveys, and applicable laws. The course is designed for surveyors, engineers, realtors, and any person who deals with property descriptions. Topics include history of land survey system, establishment of township subdivisions, reestablishing private subdivisions, and reading, interpreting, and writing land descriptions. (formerly ENGR 166)

Recommended Preparation: ENGL-098, ESL-098 or ENGL-101.
 Transfers to CSU only

ENGR-567 Global Positioning Systems for Surveying (formerly ENGR-167 Global Positioning Systems)
3 Units (LAB 24-27, LEC 40-45)

This course provides students with fundamental knowledge for applying GPS technology in the field for engineering based operations. Emphasis is placed on satellite systems, measurements for positional accuracy, statistical adjustments, post-processing, real-time and post-differential correction, field data collection, and mapping models. The course provides hands-on experience with GPS instruments used for field-based survey and planimetric mapping. (formerly ENGR 167)

Recommended Preparation: MATH-094, MATH-096 or MATH-105.
 Transfers to CSU only

ENGR-756 SolidWorks I (formerly ENGR-156)
3 Units (LAB 48-54, LEC 32-36)

This course is designed to introduce the student to three-dimensional parametric solid modeling with SolidWorks. Students will begin with basic parametric solid modeling techniques advancing into complex assemblies. (formerly ENGR 156)

Not transferable

ENGR-757 Microstation I (formerly ENGR-157)
3 Units (LAB 48-54, LEC 32-36)

This course will introduce students to MicroStation CAD software and provides students with essential skills within the program. Students learn concepts of engineering drawing and plan drafting through digital manipulation of design elements. Students will be able to create 2 dimensional drawings including structure and setting levels and manipulate critical parameters within the drawing program. (formerly ENGR 157)

Recommended Preparation: Computer experience or the completion of any software application introduction class.

Not transferable

English (ENGL)

ENGL-094 College Composition Support (formerly Freshman Composition Writing Skills)
0.5 Units (LBE 24-27)

This class is open to students who feel they need review or additional support while concurrently enrolled in English 101. This course will focus on study skills, college-level reading strategies, essay structure, and grammar through more individualized attention and instruction. Offered as pass/no pass only.

Corequisite: ENGL-101.
 Not transferable

ENGL-098 Writing and Reading Fundamentals In English (formerly English Fundamentals)
4 Units (LEC 64-72)

This course provides integrated writing and reading instruction and practice in English composition. The class focuses on essay writing, writing as a process, critical reading, college reading strategies, and the fundamentals of source integration. The course also introduces students to finding library resources and integrating them into an essay. Grammar will be reviewed as needed. Successful completion will prepare students for English 101.

Not transferable

**ENGL-101 College Composition (formerly Freshman Composition)
4 Units (LEC 64-72)**

This course provides instruction in writing academic analytic essays. Students will learn to interpret and respond to sources analytically, conduct academic-level research, and incorporate those sources into research papers. This course satisfies graduation and transfer requirements.

Prerequisite: ENGL-098 or ESL-098 (with grade of C or better) or Placement in ENGL-101. California law (AB 705) allows placement of students in college-level English and clears the prerequisite for this course.

Transfers to both UC/CSU

C-ID: ENGL 100

IGETC Area(s): 1A

CSU Area(s): A2

AA/AS General Education: AA/AS D1

**ENGL-101H Honors College Composition (formerly Freshman Composition)
4 Units (LEC 64-72)**

This course provides instruction in writing academic analytic essays. Students will learn to interpret and respond to sources analytically, conduct academic-level research, and incorporate those sources into research papers. This course satisfies graduation and transfer requirements.

Prerequisite: Acceptance into the Honors Enrichment Program., ENGL-098 or ESL-098 (with grade of C or better) or Placement in ENGL-101. California law (AB 705) allows placement of students in college-level English and clears the prerequisite for this course.

Transfers to both UC/CSU

C-ID: ENGL 100

IGETC Area(s): 1A

CSU Area(s): A2

AA/AS General Education: AA/AS D1

**ENGL-103 Critical Thinking and Writing
3 Units (LEC 40-45, LBE 24-27)**

This course provides continuing practice in the analytic writing begun in English 101. The course develops critical thinking, reading, and writing skills as they apply to the analysis of written texts (literature and/or non-fiction) from diverse cultural sources and perspectives. The techniques and principles of effective written argument as they apply to the written text will be emphasized. Some research is required.

Prerequisite: ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: ENGL 105

C-ID: ENGL 110

IGETC Area(s): 1B

CSU Area(s): A3

AA/AS General Education: AA/AS D2

**ENGL-103H Honors Critical Thinking and Writing
3 Units (LEC 40-45, LBE 24-27)**

This course provides continuing practice in the analytic writing begun in English 101. The course develops critical thinking, reading, and writing skills as they apply to the analysis of written texts (literature and/or non-fiction) from diverse cultural sources and perspectives. The techniques and principles of effective written argument as they apply to the written text will be emphasized. Some research is required.

Prerequisite: Acceptance into the Honors Enrichment Program., ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: ENGL 105

IGETC Area(s): 1B

CSU Area(s): A3

AA/AS General Education: AA/AS D2

**ENGL-111 Introduction to Media Writing
3 Units (LEC 48-54)**

This course introduces students to styles, formats, and interactive media writing including scripts and treatments for fiction and non-fiction film, television, and electronic media.

Prerequisite: ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

**ENGL-130 Introduction to Creative Writing
3 Units (LEC 48-54)**

This course encourages individual exploration into creative writing in several core genres- particularly poetry and short fiction. The course includes writing in journals, composing creative works, reading works of literature, and actively participating in peer workshops.

Prerequisite: ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: ENGL 200

CSU Area(s): C2

AA/AS General Education: AA/AS C

**ENGL-130H Honors Introduction to Creative Writing
3 Units (LEC 48-54)**

This course encourages individual exploration into creative writing in several core genres- particularly poetry and short fiction. The course includes writing in journals, composing creative works, reading works of literature, and actively participating in peer workshops.

Prerequisite: Acceptance into the Honors Enrichment Program., ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: ENGL 200

CSU Area(s): C2

AA/AS General Education: AA/AS C

ENGL-299 Special Projects: English
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two English classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment. Transfers to CSU only

English As a Second Language (ESL)

ESL-062 Writing and Reading Skills for Multilingual Students (formerly ESL-062W Basic Writing Skills)
4 Units (LEC 64-72)

This course offers training in English language skills needed for success in American colleges. Informed by the language acquisition process, the course includes further instruction in reading and writing. Sentence structure and grammar concepts to enhance communication are reviewed as needed. Conventions of conversation and class discussion are practiced. The course includes paragraph development, critical reading, and critical thinking skills. Students will also be introduced to composing academic essays. *Cross-listed as ESL-962. (formerly ESL 062W)

Recommended Preparation: ESL-920, ESL-921 or GED-931.
Not transferable

ESL-098 Preparation for English Composition for Multilingual Students (formerly ESL-098W English Writing Fundamentals)
4 Units (LEC 64-72)

This course provides practice in writing American English multi-paragraph essays. The course also includes in-class practice with college-level reading and discussion in English. Critical thinking is practiced when using concepts and aspects of the readings in student compositions. With focus on elements of difficulty in the language acquisition process, grammar and sentence structure are addressed as needed. This course also addresses plagiarism and introduces the use of quotations and citations in research papers. Cross-listed as ESL-998. (formerly ESL 098W)

Recommended Preparation: ESL-062, ESL-920, ESL-921 or GED-931.
Not transferable

Environmental Studies (ENVS)

ENVS-100 Humans and Scientific Inquiry
3 Units (LEC 48-54)

This introductory course explores the physical, chemical, biological, anthropological and earth sciences to provide a framework for addressing the inter-relationships of the physical and natural sciences as they affect everyday human life. The course introduces students to the basic principles of scientific study using human issues as its main theme.

Transfers to both UC/CSU
IGETC Area(s): 5A
CSU Area(s): B1, E1
AA/AS General Education: AA/AS A

ENVS-100H Honors Humans and Scientific Inquiry
3 Units (LEC 48-54)

This introductory course explores the physical, chemical, biological, anthropological and earth sciences to provide a framework for addressing the inter-relationships of the physical and natural sciences as they affect everyday human life. The course introduces students to the basic principles of scientific study using human issues as its main theme.

Prerequisite: Acceptance into the Honors Enrichment Program.
Transfers to both UC/CSU
IGETC Area(s): 5A
CSU Area(s): B1
AA/AS General Education: AA/AS A

ENVS-101 Environmental Science
3 Units (LEC 48-54)

This course explores current environmental issues emphasizing their relationship to the physical, chemical and biological sciences. This course introduces students to the basic principles of scientific study using environmental issues as its main theme, focusing on the inter-relationships of the biotic and abiotic factors of the biosphere as they are influenced by human action.

Transfers to both UC/CSU
IGETC Area(s): 5A
CSU Area(s): B1, E1
AA/AS General Education: AA/AS A

ENVS-101H Honors Environmental Science
3 Units (LEC 48-54)

This course explores current environmental issues emphasizing their relationship to the physical, chemical and biological sciences. This course introduces students to the basic principles of scientific study using environmental issues as its main theme, focusing on the inter-relationships of the biotic and abiotic factors of the biosphere as they are influenced by human action.

Prerequisite: Acceptance into the Honors Enrichment Program.
Transfers to both UC/CSU
IGETC Area(s): 5A
CSU Area(s): B1
AA/AS General Education: AA/AS A

ENVS-102 Environmental Science Laboratory
1 Unit (LBE 48-54)

This course explores laboratory techniques used in environmental studies. The course emphasizes laboratory techniques and field-based experiences to investigate the physical, chemical, biological and earth science components of environmental science. Field trips are required.

Prerequisite/Corequisite: ENVS-101 (with a grade of C or better).
Transfers to both UC/CSU
IGETC Area(s): 5C
CSU Area(s): B3
AA/AS General Education: AA/AS A

ENVS-102H Honors Environmental Science Laboratory
1 Unit (LBE 48-54)

This course explores laboratory techniques used in environmental studies. The course emphasizes laboratory techniques and field-based experiences to investigate the physical, chemical, biological and earth science components of environmental science. Field trips are required.

Prerequisite: Acceptance into the Honors Enrichment Program.
Prerequisite/Corequisite: ENVS-101 (with a grade of C or better).
 Transfers to both UC/CSU
IGETC Area(s): 5C
CSU Area(s): B3
AA/AS General Education: AA/AS A

ENVS-110 Natural Resources
4 Units (LAB 48-54, LEC 48-54)

This course focuses on sustainable management principles with application to the harvest and extraction of natural resources, particularly forest resources. Principles covered include human interactions with forest resources, forest ecology and management, renewable resources, market applications and current issues as they develop in the subject area. There is a requisite lab/field component to this course.

Transfers to both UC/CSU
AA/AS General Education: AA/AS A

ENVS-299 Special Projects: Environmental Science
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: One Environmental Studies class must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.
 Transfers to CSU only

ENVS-590 Watershed Resource Management (formerly ENVS-190)
4 Units (LAB 48-54, LEC 48-54)

This course introduces students to the foundations of watershed hydrology and management. This course covers the hydrologic cycle, water quality, aquatic ecosystems, social and economic systems, point and non-point source pollution, and laws and institutions for managing water resources. It explores the process of developing and implementing a watershed management plan from problem definition through data collection, public consultation and program evaluation. (formerly ENVS 190)

Transfers to CSU only
AA/AS General Education: AA/AS A

Ethnic Studies (ETHS)

ETHS-103 Ethnic Politics in America
3 Units (LEC 48-54)

This course will examine the role of ethnic minorities in the political process and their relationship to and role in government and include a discussion of ethnic empowerment, major ethnic based political and community organizations, the philosophies of major ethnic group leaders, and current political issues and trends as they impact ethnic groups. The ethnic groups to be reviewed will include Black People, African Americans, Latinx, Asians, and Native Americans. *Cross-listed as PS-103.

Prerequisite: PS-101 (with a grade of C or better).
Recommended Preparation: ENGL-101.
 Transfers to both UC/CSU

IGETC Area(s): 4C, 4H
CSU Area(s): D3, D8, F
AA/AS General Education: AA/AS B2, AA/AS F

ETHS-103H Honors Ethnic Politics in America
3 Units (LEC 48-54)

This course will examine the role of ethnic minorities in the political process and their relationship to and role in government and include a discussion of ethnic empowerment, major ethnic based political and community organizations, the philosophies of major ethnic group leaders, and current political issues and trends as they impact ethnic groups. The ethnic groups to be reviewed will include Black People, African Americans, Latinx, Asians, and Native Americans. *Cross-listed as PS-103H.

Prerequisite: Acceptance into the Honors Enrichment Program., PS-101 (with a grade of C or better).
Recommended Preparation: ENGL-101.
 Transfers to both UC/CSU

IGETC Area(s): 4C, 4H
CSU Area(s): D3, D8, F
AA/AS General Education: AA/AS B2, AA/AS F

ETHS-160 Black History in American Context
3 Units (LEC 48-54)

This course traces the historical and political experiences of African Americans from colonial times to the present. It examines the differences between the experiences of African Americans and other ethnic groups. Students will encounter the social, economic, and legal institutions which characterized being black in the US at various periods in the nation's history. Close study of several major events and political movements will allow students to develop interpretations of political interaction in America. *Cross-listed as HIST-160.

Recommended Preparation: ENGL-101
 Transfers to both UC/CSU

IGETC Area(s): 4C, 4F
CSU Area(s): D3, D6, F
AA/AS General Education: AA/AS B2, AA/AS F

ETHS-160H Honors Black History in American Context
3 Units (LEC 48-54)

This course traces the historical and political experiences of African Americans from colonial times to the present. It examines the differences between the experiences of African Americans and other ethnic groups. Students will encounter the social, economic, and legal institutions which characterized being black in the US at various periods in the nation's history. Close study of several major events and political movements will allow students to develop interpretations of political interaction in America. *Cross-listed as HIST-160H.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101

Transfers to both UC/CSU

IGETC Area(s): 4C, 4F

CSU Area(s): D3, D6, F

AA/AS General Education: AA/AS B2, AA/AS F

ETHS-275 Latinx/Chicanx Literature
3 Units (LEC 48-54)

This course surveys, interprets, compares, and explores the lived experiences of Latinx/Chicanx authors through a variety of texts and genres. Readings, discussions, lectures, and presentations will focus on the cultural, social, and historical aspects of Latinx/Chicanx literature. The course may include a variety of genres: fiction, poetry, drama, film, and non-fiction prose, etc. *Cross-listed as LIT-275.

Prerequisite: ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

CSU Area(s): C2, F

AA/AS General Education: AA/AS C, AA/AS F

ETHS-275H Honors Latinx/Chicanx Literature
3 Units (LEC 48-54)

This course is a multi-genre, multi-period course that introduces students to fiction, poetry, and drama from diverse cultural sources and perspectives. Students will examine literary terms and methods of literary analysis to provide them with a broad understanding of literature. *Cross-listed as LIT-275H.

Prerequisite: Acceptance into the Honors Enrichment Program., ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

CSU Area(s): C2, F

AA/AS General Education: AA/AS C, AA/AS F

ETHS-280 Multiethnic Literature (formerly ENGL-280)
3 Units (LEC 48-54)

This course surveys, interprets, and compares the variety of texts written by Asian Americans, African Americans, American Indians, and Chicanx/Latinx authors, exploring the experiences of the various ethnic cultures. Readings, discussions, lectures, and presentations will allow students to understand the cultural and historical aspects of the various cultures as well as the way the cultures themselves differ in literature. (formerly ENGL 280). *Cross-listed as LIT-280.

Prerequisite: ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2, F

AA/AS General Education: AA/AS C, AA/AS F

ETHS-280H Honors Multiethnic Literature (formerly ENGL-280H)
3 Units (LEC 48-54)

This course surveys, interprets, and compares the variety of texts written by Asian Americans, African Americans, American Indians, and Chicanx/Latinx authors, exploring the experiences of the various ethnic cultures. Readings, discussions, lectures, and presentations will allow students to understand the cultural and historical aspects of the various cultures as well as the way the cultures themselves differ in literature. (formerly ENGL 280H). *Cross-listed as LIT-280H.

Prerequisite: Acceptance into the Honors Enrichment Program., ENGL-101 (with grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2, F

AA/AS General Education: AA/AS C, AA/AS F

Fire Technology (FIRE)

FIRE-101 Introduction to Fire Technology
3 Units (LEC 48-54)

This course provides an introduction to fire protection; career opportunities; philosophy and history of fire protection; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; fire strategy and tactics.

Transfers to CSU only

FIRE-102 Fundamentals of Fire Prevention
3 Units (LEC 48-54)

This course provides fundamental knowledge relating to the field of fire prevention. Topics include history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use and application of fire codes and standards, plans review, fire inspections, fire and life safety education, and fire investigation.

Transfers to CSU only

FIRE-106 Fundamentals of Fire Behavior and Combustion
3 Units (LEC 48-54)

This course provides the student with fundamental information and knowledge of the physical and chemical characteristics of matter, fire, hazardous materials, extinguishing agents and fire control techniques.

Transfers to CSU only

FIRE-107 Fire Apparatus and Equipment
3 Units (LEC 48-54)

This course introduces the student to the Driver/Operator job position in the fire service. This course will analyze fire apparatus design, specifications and performance capabilities; effective utilization of apparatus in fire service emergencies. This course will allow students to solve hydraulics calculations and examine the physical characteristics of water and water supply systems.

Transfers to CSU only

FIRE-108 Fundamentals of Fire Investigation
3 Units (LEC 48-54)

This course provides information for determining causes of fires that may be accidental, incendiary, natural, or undetermined. This course also provides information on different types of arson fires, related laws, recognizing and preserving evidence, interviewing witnesses and suspects, arrest and detention procedures, court procedures, and giving court testimony.

Transfers to CSU only

FIRE-109 Fundamentals of Fire Protection and Equipment
3 Units (LEC 48-54)

This course provides information relating to the features of design and operation of fire detection and alarm systems, heat and smoke control systems, special protection and sprinkler systems, water supply for fire protection, and portable fire extinguishers.

Prerequisite/Corequisite: FIRE-101 (with a grade of C or better).
 Transfers to CSU only

FIRE-115 Building Construction for Fire Protection
3 Units (LEC 48-54)

This course studies the components of building construction that relate to fire safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations, and operating at fires. The development and evolution of building and fire codes will be studied in relationship to past fires in residential, commercial, and industrial occupancy.

Recommended Preparation: Completion of FIRE-101 or concurrent enrollment in FIRE-101 or be a volunteer or career firefighter.
 Transfers to CSU only

FIRE-117 Hazardous Materials First Responder Operational
1 Unit (LEC 16-18)

This course provides public safety workers and first responders with an improved capability to respond to Hazardous Materials events in a safe and competent manner.

Transfers to CSU only

FIRE-121 Fundamentals of Wild Land Fire Fighting
3 Units (LEC 48-54)

This course provides fundamental information on all aspects of wild land fire fighting including wild land fire safety, fire behavior, and the incident command system and resource usage. The course also describes new advances in technology used in wild land fire suppression such as fire-blocking gels and the use of GPS.

Transfers to CSU only

FIRE-122 Principles of Fire and Emergency Services Safety and Survival
3 Units (LEC 48-54)

This course introduces the basic principles and history related to the National Firefighter Life Safety Initiatives focusing on the need for cultural and behavioral change throughout the emergency services. Field Trips may occur when available.

Transfers to CSU only

FIRE-299 Special Projects: Fire Technology
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Fire Technology classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

FIRE-549 Cooperative Work Experience: Fire Technology (formerly FIRE-149)

0.5-8 Units CWE Paid 37.5-600/Non-paid 30-480

This course is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the students' educational or occupational goal (Title 5 section 55252). Students may earn a maximum of (8) semester credit hours during one enrollment period. Students may earn up to a total of 16 semester credit hours for all Cooperative Work Experience Education. Offered as pass/no pass only. (formerly FIRE 149)

Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. A training agreement must be completed prior to registration. Please refer to the Cooperative Work Experience Student Handbook for specific information.
 Transfers to CSU only

French (FREN)

FREN-101 Elementary French I
4 Units (LEC 64-72)

This course introduces students to French language and culture. Students will learn basic grammar and vocabulary while studying pronunciation rules through oral and written practice. Students will also study basic aspects of French culture and civilization.

Transfers to both UC/CSU

IGETC Area(s): 6A

CSU Area(s): C2

AA/AS General Education: AA/AS C

FREN-102 Elementary French II
4 Units (LEC 64-72)

This course is a continuation of FREN 101. This course introduces students to more grammar and vocabulary with an emphasis on oral and written communication. Students will also study francophone culture and civilization in more depth.

Prerequisite: FREN-101 (with a grade of C or better) or two years of high school French.

Transfers to both UC/CSU

IGETC Area(s): 3B, 6A

CSU Area(s): C2

AA/AS General Education: AA/AS C

FREN-201 Intermediate French I
4 Units (LEC 64-72)

This course is a continuation of FREN 102. This course introduces more advanced grammar and vocabulary with more emphasis on oral and written communication in response to level-appropriate readings in francophone culture and civilization. Formal compositional strategies are introduced.

Prerequisite: FREN-102 (with a grade of C or better) or three years high school French.

Transfers to both UC/CSU

IGETC Area(s): 3B, 6A

CSU Area(s): C2

AA/AS General Education: AA/AS C

FREN-299 Special Projects: French
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two French classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

Geography (GEOG)

GEOG-101 Physical Geography
3 Units (LEC 48-54)

This course studies the physical environment of the earth's surface and human interaction with that environment. Emphasis is given to global patterns of climate, ecosystems, hydrology, plate tectonics, and various processes of land formation. Controversial topics, such as climate change, introduce students to concerns we have as inhabitants of this planet. A field trip is required.

Transfers to both UC/CSU

C-ID: GEOG 110

IGETC Area(s): 5A

CSU Area(s): B1

AA/AS General Education: AA/AS A

GEOG-102 Cultural Geography
3 Units (LEC 48-54)

This course offers students an understanding of global cultural diversity and humans as agents of change with emphasis on cultural elements of the human habitat. Students are introduced to the geographical aspects of population distribution, socio-economic conditions, rural and urban settlement patterns, cultural landscapes, and local ecosystems. Global patterns of distinct cultural characteristics, such as language, religion and political organization, are presented. A field trip is required.

Transfers to both UC/CSU

C-ID: GEOG 120

IGETC Area(s): 4E

CSU Area(s): D5

AA/AS General Education: AA/AS B2

GEOG-103 Field Studies in Geography
2-4 Units (LAB 48-108, LEC 16-36)

This course offers field studies in physical, cultural, historic geography and Geographic Information Systems. It provides an opportunity to explore Geography and GIS concepts in the real world. Field studies may be conducted at various locations that represent the diversity of California through its mountains, deserts and beaches. Field applications using GPS and GIS enhance student understanding of spatial-temporal processes. Pre-trip homework assignments, orientation class and overnight camping are required.

Transfers to CSU only

C-ID: GEOG 160

GEOG-104 Physical Geography Lab
1 Unit (LAB 48-54)

This laboratory course focuses on application of the principles of physical geography. Laboratory exercises include basic map skills, weather and climate, earth materials, geomorphology, fluid agents and erosion.

Prerequisite/Corequisite: GEOG-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: GEOG 111

IGETC Area(s): 5C

CSU Area(s): B3

AA/AS General Education: AA/AS A

GEOG-105 Map Interpretation and Spatial Analysis
3 Units (LEC 48-54)

This course introduces students to the cartographic principles necessary for spatial analysis. Topics covered include the history of map making, symbolic standards, layout aesthetics, geographic coordinates and projections, map scales, map accuracy, map interpretation and reading, way finding, aerial and satellite imagery and computer assisted mapping. Students will create hand drawn and digital maps. Cartographic skills are useful to students preparing for degrees in the natural, physical, social and behavioral sciences.

Transfers to both UC/CSU

C-ID: GEOG 150

AA/AS General Education: AA/AS A

GEOG-106 Introduction to Weather and Climate
3 Units (LEC 48-54)

This course introduces students to Earth's atmosphere. Topics include atmospheric structure and composition, solar radiation and energy balances, temperature, seasonal changes, atmospheric moisture, clouds and fog, precipitation, air pressure, winds, air masses and fronts, cyclones, weather forecasting, climate and climate change. Controversial topics, such as climate change, introduce students to potential consequences of a climate and weather system out of balance. A field trip is required.

Transfers to both UC/CSU

C-ID: GEOG 130

IGETC Area(s): 5A

CSU Area(s): B1

AA/AS General Education: AA/AS A

GEOG-107 Urban Geography
3 Units (LEC 48-54)

This course involves the study of cities, their origin, growth and sustainability. Students are introduced to several topics including problems of urbanization in less developed countries, urban architectural form, segregation and integration, neighborhoods and ghettos, and the politics and policies of urban change.

Transfers to both UC/CSU
IGETC Area(s): 4E
CSU Area(s): D5
AA/AS General Education: AA/AS B2

GEOG-108 World Regional Geography
3 Units (LEC 48-54)

This course is a global survey of world cultural regions. It presents students with basic geographic concepts for studying and comparing cultural traditions, resources, economies, landscapes, and origins. The interaction of countries and regions, their global roles, issues of globalization and the conflicting pressures of cultural diversity are discussed. Contrasts between developed and underdeveloped countries are explored.

Transfers to both UC/CSU
C-ID: GEOG 125
IGETC Area(s): 4E
CSU Area(s): D5
AA/AS General Education: AA/AS B2, AA/AS F

GEOG-111 Geography of California
3 Units (LEC 48-54)

This course introduces students to California's regional, physical and cultural diversity, the interrelationships between California's regional, physical and cultural landscapes, and the evolving human-environment interface and impact to landscapes. A thematic approach to the state's issues, processes and topics relevant to geography include climate, landforms, natural vegetation, water resources, cultural landscape, ethnic diversity, urban and agricultural regions, and the economy.

Transfers to both UC/CSU
C-ID: GEOG 140
IGETC Area(s): 4E
CSU Area(s): D5
AA/AS General Education: AA/AS B2

GEOG-115 Introduction to Geographic Information Science
3 Units (LAB 48-54, LEC 32-36)

This course prepares students with the geographic concepts necessary for technical application of Geographic Information Science (GIS). Topics include data structure, acquisition, integration and manipulation. Through practical applications in GIS students use scientific methods of inquiry to analyze tabular and spatial data for geographic trends, patterns and relationships.

Transfers to both UC/CSU
C-ID: GEOG 155

GEOG-520 Intermediate Geographic Information Science (formerly GEOG-120)
3 Units (LAB 48-54, LEC 32-36)

This course prepares students for advanced geographic analysis. Spatial statistics, topology and surface modeling are emphasized. Advanced tools, techniques and software applications for modeling surfaces, such as spatial, network and 3-dimensional terrain analysis are explored. Both qualitative and quantitative techniques for spatial analysis are explored in the context of various scientific methodologies. (formerly GEOG 120)

Prerequisite: GEOG-115 (with a grade of C or better).
 Transfers to CSU only

GEOG-525 Advanced Geographic Information Science (formerly GEOG-125)
3 Units (LAB 48-54, LEC 32-36)

This course enhances professional potential in a geospatial career. Advanced topics include geodatabase methods, topology, customized and automated processes, and cartographic representation. Legal and ethical issues, geospatial certification, professional presentation, online collaboration and networking at GIS events prepare students for entering a GIS profession in many discipline related fields. Exploration of scientific models and methods for advanced analysis prepare students for independently planning, implementing and producing deliverable of a real-world GIS project. (formerly GEOG 125)

Prerequisite: GEOG-520 (with a grade of C or better).
 Transfers to CSU only

GEOG-549 Cooperative Work Experience: Geographic Information Science (formerly GEOG-149)
0.5-8 Units CWE Paid 37.5-600/Non-paid 30-480

This course is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the students' educational or occupational goal (Title 5 section 55252). Students may earn a maximum of (8) semester credit hours during one enrollment period. Students may earn up to a total of 16 semester credit hours for all Cooperative Work Experience Education. Offered as pass/no pass only. (formerly GEOG 149)

Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. A training agreement must be completed prior to registration. Please refer to the Cooperative Work Experience Student Handbook for specific information.
 Transfers to CSU only

GEOG-582 Programming for GIS (formerly GEOG-082)
3 Units (LEC 48-54)

This course prepares students with the concepts necessary for technical application for programming within the framework of GIS. Topics include variable management, branching and looping, reading and writing from GIS tabular and spatial data, custom tool creation, and tool manipulation. Through practical applications, students will use programming methods to customize and streamline GIS data management and analysis. (formerly GEOG 082)

Transfers to CSU only

GEOG-583 Spatial Database Design and Management (formerly GEOG-083)**3 Units (LEC 48-54)**

This course prepares students with geographic concepts and skills necessary for GIS spatial database design and management. Students learn about various GIS data types and formats that are compatible or may be converted, exported or imported. Students design and create spatial databases for a specific application involving project management and complex data analysis. Real world challenges of spatial databases used for solving problems, spatial query language, decision support strategies and system integration are emphasized. (formerly GEOG 083)

Transfers to CSU only

GEOG-584 Water Management with GIS (formerly GEOG-084)**3 Units (LEC 48-54)**

This course enhances professional potential in the water industry. Water Science topics include hydrology concepts and common GIS applications. This course covers hydrology networks of rivers, streams, drainage basins and flooding. Legal and ethical issues of water management are discussed. Professional certification, project collaboration and presentation, and networking at GIS events prepare students for entering a GIS profession in water-related industries. (formerly GEOG 084)

Transfers to CSU only

GEOG-585 GIS for Catastrophes (formerly GEOG-085)**3 Units (LEC 48-54)**

This course provides students with an introduction to the use of GIS in emergency management, natural hazard assessment and public safety. Students learn about GIS applications to various types of emergency response, natural hazards and homeland security scenarios for which GIS is commonly used for making quick and critical decisions. Emphasis is placed on analytical techniques for mitigating disasters, allocating emergency resources, identifying hot spots for crime or analyzing potential homeland security threats. (formerly GEOG 085)

Transfers to CSU only

GEOG-586 GIS for Web Applications (formerly GEOG-086)**3 Units (LEC 48-54)**

This course prepares students with the geographic concepts and skills necessary for designing and developing geospatial content for web applications, internet interfaces and web environments. Students will learn web based concepts, internet fundamentals, web architecture and practices as they design and create geospatial data for online data analysis, interactive mapping, and map publishing via web applications. Students will use real world challenges and problem solving solutions for interoperability, customizing and sharing web services. (formerly GEOG 086)

Transfers to CSU only

Geology (GEOL)

GEOL-100 Physical Geology**4 Units (LAB 48-54, LEC 48-54)**

This course offers the student an understanding of planet Earth as an isolated, uniform, and dynamic system. Topics range from materials in the earth (crystals and rocks) to planet processes (explosive volcanoes; devastating landslides; and glistening glaciers) to an understanding of our planet's interior (destructive earthquakes and fiery cracks within deep sea floors). We live on a satellite isolated in space; our interactions with this dynamic, fragile system will determine our ultimate survival.

Recommended Preparation: College-level reading skills.

Transfers to both UC/CSU

C-ID: GEOL 101**IGETC Area(s):** 5A, 5C**CSU Area(s):** B1, B3**AA/AS General Education:** AA/AS A**GEOL-103 Environmental Geology****3 Units (LEC 48-54)**

This course will explore disasters such as earthquakes, hurricanes, landslides, volcanoes, floods, tsunamis, and asteroid and comet collisions of asteroids with earth. Emphasis will be placed on the causes and effects of natural hazards, and the dramatic impact of such events on humans, as well as the role of humans in exacerbating the dangers of the natural world.

Recommended Preparation: College level reading skills.

Transfers to both UC/CSU

IGETC Area(s): 5A**CSU Area(s):** B1**AA/AS General Education:** AA/AS A**GEOL-105 Historical Geology****4 Units (LAB 48-54, LEC 48-54)**

This course examines the dramatic events of Earth's creation and development using Darwinian Theory and geologic time by venturing through the fossil record. Students explore Earth's unfolding saga starting from the Big Bang and following the violent tectonic relationships on the planet while investigating past life. Exciting topics include volcanoes, crystals, colliding continents, ancient oceans, radiometric dating, trilobites, dinosaurs, mass extinctions, mammals, the transition of reptiles to birds, and finally the evolution of Homo sapiens.

Recommended Preparation: College-level reading skills and GEOL-100.

Transfers to both UC/CSU

C-ID: GEOL 111**IGETC Area(s):** 5A, 5C**CSU Area(s):** B1, B3**AA/AS General Education:** AA/AS A

GEOL-106 Earth Science
4 Units (LAB 48-54, LEC 48-54)

This non-majors introductory course reviews current topics in the fields of Astronomy, Geography, Meteorology, Geology, and Oceanography with an emphasis on the change in space and time for Earth as a system in a global environment. Topics include Earth's motions, the solar system, deep space, plate tectonics, minerals, rocks, earth's history, ocean, atmosphere, the water cycle, flooding, erosion, climate change, extinction, pollution, and human impact.

Transfers to both UC/CSU

C-ID: GEOL 121

IGETC Area(s): 5A, 5C

CSU Area(s): B1, B3

AA/AS General Education: AA/AS A

GEOL-107 Scenic Adventure Field Trips in Geology (formerly Geologic Field Trips)

1.5 Unit (LAB 24-27, LEC 16-18)

This course visit various locations including Death Valley, the Grand Canyon, and Owens Valley. It provides field experiences, gives greater insight into tectonic Earth shaping forces, and help students discover the fantastic mineral and rock wealth created by alternating ice age climates. A three hour prep class meeting and overnight camping will be required.

Transfers to CSU only

CSU Area(s): B1

AA/AS General Education: AA/AS A

GEOL-109 Geology of National Parks

3 Units (LEC 48-54)

This course reviews the landforms, rocks, and minerals that create the spectacular wonders of national parks throughout the United States. Emphasis is on materials (rocks, minerals); processes (weathering, erosion, mountain building); structure (folds, faults); stratigraphy (geological formations); and Earth's interior (plate tectonic processes). Upon completion students will be able to understand and described the geologic materials and environments of the United States national park system.

Transfers to both UC/CSU

IGETC Area(s): 5A

CSU Area(s): B1

AA/AS General Education: AA/AS A

GEOL-110 Oceanography

4 Units (LAB 48-54, LEC 48-54)

This course focuses on geological, physical, chemical, biological, and meteorological aspects of oceans and continental margins. Topics include marine science and biology, critical global warming issues involving the thermohaline current, tsunamis, earthquakes, undersea volcanoes, and the effects/causes of El Nino. This course includes laboratory experiences and is intended for both the science and non-science student.

Transfers to both UC/CSU

IGETC Area(s): 5A, 5C

CSU Area(s): B1, B3

AA/AS General Education: AA/AS A

GEOL-111 Planetary Astronomy
3 Units (LEC 48-54)

This course is an introductory course to Planetary Sciences and is an interdisciplinary scientific exploration of the solar system. Students will use the scientific method to examine properties and processes of solar system function and formation including the current hypotheses regarding the creation and evolution of the Earth and planetary bodies (moons, asteroids, comets, meteors, and the Sun). *Cross-listed as ASTR-111.

Transfers to both UC/CSU

IGETC Area(s): 5A

CSU Area(s): B1

AA/AS General Education: AA/AS A

GEOL-299 Special Projects: Geology

1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Geology classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

Guidance (GUID)

GUID-299 Special Projects: Guidance

1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Guidance classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Not transferable

Health Science (HS)

HS-120 Introduction to Public Health

3 Units (LEC 48-54)

This course offers an introduction to the discipline of Public Health. Students will gain understanding of the basic concepts and terminologies of public health, and the history and accomplishments of public health programs. Topics include epidemiology of infectious and chronic diseases, social and behavioral and environmental influences in health, and medical care and public health systems.

Transfers to both UC/CSU

C-ID: PHS-101

AA/AS General Education: AA/AS B2

HS-121 Fundamentals of Healthful Living
3 Units (LEC 48-54)

This course offers a comprehensive overview of human health from a multidimensional perspective: physical, psychological, social, intellectual and environmental health. The course emphasizes personal health and promotes informed, positive health behaviors. Topics includes physical fitness, nutrition, diseases, aging, mental health, stress management, reproductive health, healthcare, substance use and abuse, violence, and environmental health concerns.

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS E

HS-123 Drugs, Health and Society (formerly Drugs: Use and Abuse)
3 Units (LEC 48-54)

This course offers a comprehensive investigation of drug, alcohol and tobacco use, abuse and dependence in American society. Students will be introduced to pharmacologic, neurologic, and physiological effects of a variety of substances. The origins, history, and epidemiology of commonly used drugs are examined as they relate to both personal and public health. Risk factors and recovery programs will also be explored.

Transfers to both UC/CSU

C-ID: PHS 103

CSU Area(s): E1

AA/AS General Education: AA/AS E

HS-299 Special Projects: Health Science
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Health Science classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

History (HIST)

HIST-101 Western Civilization to 1650 (formerly Western Civilization I: to 1500)
3 Units (LEC 48-54)

This course is a survey course of ancient, classical, medieval, and early modern Western Civilization. Using a comparative approach, students will study the West's major civilizations by examining social structures, daily life, political systems, economic development, and cultural values.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

C-ID: HIST 170

IGETC Area(s): 3B, 4F

CSU Area(s): C2, D6

AA/AS General Education: AA/AS B2

HIST-101H Honors Western Civilization to 1650 (formerly Western Civilization I: to 1500)
3 Units (LEC 48-54)

This course is a survey course of ancient, classical, medieval, and early modern Western Civilization. Using a comparative approach, students will study the West's major civilizations by examining social structures, daily life, political systems, economic development, and cultural values.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 3B, 4F

CSU Area(s): C2, D6

AA/AS General Education: AA/AS B2

HIST-102 Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)
3 Units (LEC 48-54)

This course is a survey course that explores the development of Western Civilization from the era of absolutism in 17th Europe to the present. Using a comparative approach to the study of modern Western Civilization, students will examine social structures, political systems, economic development, and cultural values.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

C-ID: HIST 180

IGETC Area(s): 3B, 4F

CSU Area(s): C2, D6

AA/AS General Education: AA/AS B2, AA/AS C

HIST-102H Honors Western Civilization Since 1650 (formerly Western Civilization II: From 1500 to the Present Era)
3 Units (LEC 48-54)

This course is a survey course that explores the development of Western Civilization from the era of absolutism in 17th Europe to the present. Using a comparative approach to the study of modern Western Civilization, students will examine social structures, political systems, economic development, and cultural values.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 3B, 4F

CSU Area(s): C2, D6

AA/AS General Education: AA/AS B2, AA/AS C

HIST-103 World History to 1500 (formerly History of World Civilizations to 1500)**3 Units (LEC 48-54)**

This course is a survey of ancient history that explores the origin and development of human societies in the Near East, India, Asia, Africa, the Americas, and Europe. Using a comparative approach to study the world's major civilizations, students will examine their social structure and daily life, political systems, economic development, and cultural values.

Recommended Preparation: ENGL-098 or ESL-098.

Transfers to both UC/CSU

C-ID: HIST 150**IGETC Area(s):** 3B, 4F**CSU Area(s):** C2, D6**AA/AS General Education:** AA/AS B2**HIST-103H Honors World History to 1500 (formerly Honors History of World Civilizations to 1500)****3 Units (LEC 48-54)**

This course is a survey of ancient history that explores the origin and development of human societies in the Near East, India, Asia, Africa, the Americas, and Europe. Using a comparative approach to study the world's major civilizations, students will examine their social structure and daily life, political systems, economic development, and cultural values.

Prerequisite: Acceptance into the Honors Enrichment Program.**Recommended Preparation:** ENGL-098 or ESL-098.

Transfers to both UC/CSU

C-ID: HIST 150**IGETC Area(s):** 3B, 4F**CSU Area(s):** C2, D6**AA/AS General Education:** AA/AS B2**HIST-104 World History Since 1500****3 Units (LEC 48-54)**

This course is a survey of the modern world from 1500 to the present. Using a comparative approach, students will examine interconnections between major European, Middle Eastern, African, South and North American, and Asian cultures and will explore social structure and daily life, industrialization, colonization, cultural development, revolutions and protests, and independence movements. Emphasis will be placed on structures, values, and inter-relationships.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

C-ID: HIST 160**IGETC Area(s):** 3B, 4F**CSU Area(s):** C2, D6**AA/AS General Education:** AA/AS B2**HIST-104H Honors World History Since 1500****3 Units (LEC 48-54)**

This course is a survey of the modern world from 1500 to the present. Using a comparative approach, students will examine interconnections between major European, Middle Eastern, African, South and North American, and Asian cultures and will explore social structure and daily life, industrialization, colonization, cultural development, revolutions and protests, and independence movements. Emphasis will be placed on structures, values, and inter-relationships.

Prerequisite: Acceptance into the Honors Enrichment Program.**Recommended Preparation:** ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

C-ID: HIST 160**IGETC Area(s):** 3B, 4F**CSU Area(s):** C2, D6**AA/AS General Education:** AA/AS B2**HIST-106 The World Since 1900****3 Units (LEC 48-54)**

This course introduces students to major global historical trends since 1900 and considers important developments in politics, culture, economics, military affairs, art, science and technology. Through readings and written assignments, students will explore scholarship on recent world history, probe the origins of current world problems, and acquire a greater appreciation of international affairs.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 3B, 4F**CSU Area(s):** C2, D6**AA/AS General Education:** AA/AS B2**HIST-106H Honors The World Since 1900****3 Units (LEC 48-54)**

This course introduces students to major global historical trends since 1900 and considers important developments in politics, culture, economics, military affairs, art, science and technology. Through readings and written assignments, students will explore scholarship on recent world history, probe the origins of current world problems, and acquire a greater appreciation of international affairs.

Prerequisite: Acceptance into the Honors Enrichment Program.**Recommended Preparation:** ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 3B, 4F**CSU Area(s):** C2, D6**AA/AS General Education:** AA/AS B2

HIST-107 The History of East Asia Before 1600
3 Units (LEC 48-54)

This course examines the histories of China, Japan, and Korea through the end of the sixteenth century. Emphasis will be placed on prehistorical developments, dynastic rule, empire building, religious trends, Southeast Asian connections, and cultural interaction. The class explores the relationship between East Asia and the world with a specific focus on the political, social, economic, and technological developments during this era.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 3B, 4F

CSU Area(s): C2, D6

AA/AS General Education: AA/AS B2, AA/AS C, AA/AS F

HIST-107H Honors the History of East Asia Before 1600
3 Units (LEC 48-54)

This course examines the histories of China, Japan, and Korea through the end of the sixteenth century. Emphasis will be placed on prehistorical developments, dynastic rule, empire building, religious trends, Southeast Asian connections, and cultural interaction. The class explores the relationship between East Asia and the world with a specific focus on the political, social, economic, and technological developments during this era.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 3B, 4F

CSU Area(s): C2, D6

AA/AS General Education: AA/AS B2, AA/AS C, AA/AS F

HIST-108 The History of East Asia Since 1600
3 Units (LEC 48-54)

This course explores the major themes in the development of Chinese, Japanese, and Korean societies from the beginning of the 17th century to the present. Emphasis will be placed on early modern developments, nation building and the rise of empires, colonial resistance, Southeast Asian connections, and postwar trends. The class examines the relationship between East Asia and the world with a specific focus on the political, social, economic, technological, and cultural developments during this era.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 3B, 4F

CSU Area(s): C2, D6

AA/AS General Education: AA/AS B2, AA/AS C, AA/AS F

HIST-108H Honors the History of East Asia Since 1600
3 Units (LEC 48-54)

This course explores the major themes in the development of Chinese, Japanese, and Korean societies from the beginning of the 17th century to the present. Emphasis will be placed on early modern developments, nation building and the rise of empires, colonial resistance, Southeast Asian connections, and postwar trends. The class examines the relationship between East Asia and the world with a specific focus on the political, social, economic, technological, and cultural developments during this era.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 3B, 4F

CSU Area(s): C2, D6

AA/AS General Education: AA/AS B2, AA/AS C, AA/AS F

HIST-111 U.S. History to 1877
3 Units (LEC 48-54)

This course explores political, social, cultural, economic, and intellectual developments in the United States from colonization and settlement through the Civil War and Reconstruction.

Recommended Preparation: ENGL-098 or ESL-098.

Transfers to both UC/CSU

C-ID: HIST 130

IGETC Area(s): 4F

CSU Area(s): D6

AA/AS General Education: AA/AS B1, AA/AS B2

HIST-111H Honors U.S. History to 1877
3 Units (LEC 48-54)

This course explores political, social, cultural, economic, and intellectual developments in the United States from colonization and settlement through the Civil War and Reconstruction.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-098 or ESL-098.

Transfers to both UC/CSU

C-ID: HIST 130

IGETC Area(s): 3B, 4F

CSU Area(s): D6

AA/AS General Education: AA/AS B1, AA/AS B2

HIST-112 U.S. History Since 1865
3 Units (LEC 48-54)

This course explores the political, social, cultural, economic, and intellectual developments in the United States from the Reconstruction Era to the present.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

C-ID: HIST 140

IGETC Area(s): 4F

CSU Area(s): D6

AA/AS General Education: AA/AS B1, AA/AS B2

HIST-112H Honors U.S. History Since 1865
3 Units (LEC 48-54)

This course explores the political, social, cultural, economic, and intellectual developments in the United States from the Reconstruction Era to the present.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

C-ID: HIST 140

IGETC Area(s): 3B, 4F

CSU Area(s): D6

AA/AS General Education: AA/AS B1, AA/AS B2

HIST-115 Women in United States History
3 Units (LEC 48-54)

This course examines the social, political, economic, and cultural history of women in the United States from pre-contact to the present, using a gendered, multi-cultural perspective. It investigates the ways in which women have wielded power while holding little authority. Perceptions about women, and how this knowledge relates to women's actual experiences are explored, specifically looking at the political, social, medical, legal and gendered representations of women's experiences.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 4D, 4F

CSU Area(s): D4, D6

AA/AS General Education: AA/AS B2, AA/AS F

HIST-115H Honors Women in United States History
3 Units (LEC 48-54)

This course examines the social, political, economic, and cultural history of women in the United States from pre-contact to the present, using a gendered, multi-cultural perspective. It investigates the ways in which women have wielded power while holding little authority. Perceptions about women, and how this knowledge relates to women's actual experiences are explored, specifically looking at the political, social, medical, legal and gendered representations of women's experiences.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 4D, 4F

CSU Area(s): D4, D6

AA/AS General Education: AA/AS B2, AA/AS F

HIST-117 History of India
3 Units (LEC 48-54)

This course examines the history of India and South Asia from the prehistoric period to the present, emphasizing cultural and social traditions, the interaction between the region and other parts of the world, and political developments in the ancient, classical, Islamic, British, and recent phases.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 3B, 4F

CSU Area(s): C2, D6

AA/AS General Education: AA/AS B2, AA/AS C, AA/AS F

HIST-117H Honors History of India
3 Units (LEC 48-54)

This course examines the history of India and South Asia from the prehistoric period to the present, emphasizing cultural and social traditions, the interaction between the region and other parts of the world, and political developments in the ancient, classical, Islamic, British, and recent phases.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 3B, 4F

CSU Area(s): C2, D6

AA/AS General Education: AA/AS B2, AA/AS C, AA/AS F

HIST-118 History of World Religions (formerly HUM-104 World Religions)
3 Units (LEC 48-54)

This course examines the origins, doctrines, practices, people, and events leading to the development of the world's major religions from ancient times to the present. Through an objective study, students will gain an appreciation for how Hinduism, Buddhism, Confucianism, Daoism, Judaism, Christianity, and Islam simultaneously influenced and were shaped by political, social, and economic institutions. The beliefs of the indigenous peoples of the Americas and Africa and contact with foreign religions will also be considered. (formerly HUM 104)

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C, AA/AS F

HIST-120 California History
3 Units (LEC 48-54)

This course surveys California history from its geological origins to the present and explores the state's past by examining politics, economic trends, ethnicity, gender, and migration, social and cultural developments, the environment, and California's relationship to the rest of the United States and the Pacific Rim.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 4F

CSU Area(s): D6

AA/AS General Education: AA/AS B2

HIST-120H Honors California History
3 Units (LEC 48-54)

This course surveys California history from its geological origins to the present and explores the state's past by examining politics, economic trends, ethnicity, gender, and migration, social and cultural developments, the environment, and California's relationship to the rest of the United States and the Pacific Rim.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 4F

CSU Area(s): D6

AA/AS General Education: AA/AS B2

HIST-121 California Indians
3 Units (LEC 48-54)

This is a survey course about the culture and society of Native Californians in the prehistoric period, during the Spanish occupation, during the Mexican occupation, and under the government of the United States. Emphasis is given to effects of introduced diseases, imposed religions, and invader governments upon the Native Californians from contact times to today. *Cross-listed as ANTH-121.

Transfers to both UC/CSU

IGETC Area(s): 4A, 4F

CSU Area(s): D1, D3

AA/AS General Education: AA/AS B2, AA/AS F

HIST-124 Recent America: The U.S. Since 1945
3 Units (LEC 48-54)

This course explores in depth the most recent trends, developments, conflicts, and changes in U.S. political, economic, social, cultural, intellectual, military, and diplomatic history from the immediate post-war years to the present with a global context.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 4F

CSU Area(s): D6

AA/AS General Education: AA/AS B2

HIST-124H Honors Recent America: The U.S. Since 1945
3 Units (LEC 48-54)

This course explores in depth the most recent trends, developments, conflicts, and changes in U.S. political, economic, social, cultural, intellectual, military, and diplomatic history from the immediate post-war years to the present with a global context.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 4F

CSU Area(s): D6

AA/AS General Education: AA/AS B2

HIST-125 Military History of the United States
3 Units (LEC 48-54)

This course surveys the military history of the United States from the colonial period to the present with emphasis on institutional, technological, geo-political, and socio-economic contexts in times of peace and conflict.

Recommended Preparation: ENGL-098 or ESL-098.

Transfers to both UC/CSU

IGETC Area(s): 4F

CSU Area(s): D6

AA/AS General Education: AA/AS B2

HIST-128 History of Science
3 Units (LEC 48-54)

This course surveys the history of science from its early beginnings to its development in various civilizations, eras and regions. Students explore the impact of science on humanity in the context of the economic, social, and political realities of different cultures. Underlying assumptions, methods and key ideas in science are surveyed from ancient insights through the Scientific Revolution and recent biotechnology innovations, with particular emphasis on the intersection of science and popular belief. *Cross-listed as BIOL-128.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 4F, 4G

CSU Area(s): D6, D7

AA/AS General Education: AA/AS B2

HIST-128H Honors History of Science
3 Units (LEC 48-54)

This course surveys the history of science from its early beginnings to its development in various civilizations, eras and regions. Students explore the impact of science on humanity in the context of the economic, social, and political realities of different cultures. Underlying assumptions, methods and key ideas in science are surveyed from ancient insights through the Scientific Revolution and recent biotechnology innovations, with particular emphasis on the intersection of science and popular belief. *Cross-listed as BIOL-128H.

Prerequisite: Acceptance into the Honors Enrichment Program.
Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 4F, 4G

CSU Area(s): D6, D7

AA/AS General Education: AA/AS B2

HIST-136 Cultural History of American Motion Pictures
3 Units (LAB 48-54, LEC 32-36)

This course will consider the history of American commercial motion picture culture from its origins to the present. Students will study film language, the social composition of audiences, the economics of the film industry, major themes and genres that have appeared in American films, and the relationship between politics and American motion pictures. *Cross-listed as THA-136.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 3B, 4F

CSU Area(s): C2

AA/AS General Education: AA/AS B2, AA/AS C

HIST-140 History of Mexico
3 Units (LEC 48-54)

This course examines the political, social, economic, and cultural history of Mexico from its pre-Columbian civilizations through the periods of Spanish conquest and colonization; independence; nation building; modernization; revolution; industrialization; and post World War 2 development. Emphasis will be placed on understanding how indigenous and Spanish traditions blended together to produce the unique culture of Mexico.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 3B, 4F

CSU Area(s): C2, D6

AA/AS General Education: AA/AS B2, AA/AS F

HIST-140H Honors History of Mexico
3 Units (LEC 48-54)

This course examines the political, social, economic, and cultural history of Mexico from its pre-Columbian civilizations through the periods of Spanish conquest and colonization; independence; nation building; modernization; revolution; industrialization; and post World War 2 development. Emphasis will be placed on understanding how indigenous and Spanish traditions blended together to produce the unique culture of Mexico.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 3B, 4F

CSU Area(s): C2, D6

AA/AS General Education: AA/AS B2, AA/AS F

HIST-141 History of Latin America to 1820
3 Units (LEC 48-54)

This course surveys Latin American history beginning with native American and fifteenth-century Europeans through the period of colonization and the nineteenth-century independence movements. The emphasis will be on understanding how the admixture of European and New World societies gave rise to a unique Latin American culture.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 4F

CSU Area(s): D6

AA/AS General Education: AA/AS B2, AA/AS F

HIST-142 History of Latin America Since 1820
3 Units (LEC 48-54)

This course surveys the history of Latin America from the nineteenth-century independence revolutions to the present, emphasizing Latin American nations' attempts at modernization and their international relationships, especially with the United States. It also examines how modernization affected issues pertaining to race, gender and cultural traditions.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 4F

CSU Area(s): D6

AA/AS General Education: AA/AS B2, AA/AS F

HIST-150 Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)
3 Units (LEC 48-54)

This course addresses the social, political, and economic history of multiple racial and ethnic groups in the United States prior to European contact with first nations through the present day.

Recommended Preparation: ENGL-098 or ESL-098.

Transfers to both UC/CSU

C-ID: SOCI 150

IGETC Area(s): 4F

CSU Area(s): D6

AA/AS General Education: AA/AS B2, AA/AS F

HIST-150H Honors Immigration, Race and Ethnicity in U.S. History (formerly Race and Ethnicity in U.S. History)
3 Units (LEC 48-54)

This course addresses the social, political, and economic history of multiple racial and ethnic groups in the United States prior to European contact with first nations through the present day.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-098 or ESL-098.

Transfers to both UC/CSU

C-ID: SOCI 150

IGETC Area(s): 4C, 4F

CSU Area(s): D3, D6

AA/AS General Education: AA/AS B2, AA/AS F

HIST-151 History and Appreciation of Dance
3 Units (LEC 48-54)

This course explores the universal human activity known as dancing from a cross-cultural perspective, examining the myriad ways in which dance functions in societies. The histories, theories, techniques, and purposes of various theatrical, religious, and social dances from around the world are compared, contrasted, and interrelated. The culture-specific nature of the dancing body and its audiences are analyzed to discover the meanings carried within these dances. *Cross-listed as DAN-100.

Transfers to both UC/CSU

IGETC Area(s): 3A, 3B

CSU Area(s): C1, C2

AA/AS General Education: AA/AS B2, AA/AS C, AA/AS F

HIST-154 Theater History
3 Units (LEC 48-54)

This course approaches world theater history from origin stories and Ancient Greece through to theaters of the seventeenth century. Comparative historical studies of early Asian, European, African, and Latin American are included. The complexity of theater as an art form from its function in a given era and culture to its many component parts are examined. If time permits, some investigation of theater history beyond the seventeenth century will be included. *Cross-listed as THA-102.

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

HIST-160 Black History in the American Context
3 Units (LEC 48-54)

This course traces the historical and political experiences of African Americans from colonial times to the present. It examines the differences between the experiences of African Americans and other ethnic groups. Students will encounter the social, economic, and legal institutions which characterized being black in the US at various periods in the nation's history. Close study of several major events and political movements will allow students to develop interpretations of political interaction in America. *Cross-listed as ETHS-160.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 4C, 4F

CSU Area(s): D3, D6, F

AA/AS General Education: AA/AS B2, AA/AS F

HIST-160H Honors Black History-American Context American Context
3 Units (LEC 48-54)

This course traces the historical and political experiences of African Americans from colonial times to the present. It examines the differences between the experiences of African Americans and other ethnic groups. Students will encounter the social, economic, and legal institutions which characterized being black in the US at various periods in the nation's history. Close study of several major events and political movements will allow students to develop interpretations of political interaction in America. *Cross-listed as ETHS 160H.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 4C, 4F

CSU Area(s): D3, D6, F

AA/AS General Education: AA/AS B2, AA/AS F

HIST-165 Musical Theater History
3 Units (LEC 48-54)

This course is the study of the evolution of the American theatrical art form surveying the western musical theater tradition from Ancient Greece to the emergence of American Musical Theater in the latter half of the 19th century to the present day. The focus is on the specific social, economic, political, global and cultural contexts that led to the type of musical theater that was produced in each era. *Cross-listed as THA-155.

Transfers to both UC/CSU

AA/AS General Education: AA/AS B2, AA/AS C

HIST-299 Special Projects: History
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two History classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment. Transfers to CSU only

Honors Enrichment Program (HEP)

HEP-201 Honors Studies: Humanities 3 Units (LEC 48-54)

This Honors course is a weekly symposium on the selected multi-disciplinary topic in which students and faculty from a variety of disciplines participate. The course requires synthesis of information, critical analysis of research, and creative responses to the issues presented.

Prerequisite: ENGL-101 (with a grade of C or better).

Other Enrollment Criteria: Membership in the Honors Enrichment Program is required.

Transfers to CSU only

HEP-202 Honors Studies: Social Sciences 3 Units (LEC 48-54)

This Honors course is a weekly symposium on the selected multi-disciplinary topic in which students and faculty from a variety of disciplines participate. The course requires synthesis of information, critical analysis of research, and creative responses to the issues presented.

Prerequisite: ENGL-101 (with a grade of C or better).

Other Enrollment Criteria: Membership in the Honors Enrichment Program is required.

Transfers to CSU only

HEP-203 Honors Studies: Science 3 Units (LEC 48-54)

This Honors course is a weekly symposium on the selected multi-disciplinary topic in which students and faculty from a variety of disciplines participate. The course requires synthesis of information, critical analysis of research, and creative responses to the issues presented.

Prerequisite: ENGL-101 (with a grade of C or better).

Other Enrollment Criteria: Membership in the Honors Enrichment Program is required.

Transfers to CSU only

Horticulture (HORT)

HORT-109 Landscape Design 3 Units (LEC 48-54)

This course introduces the history and fundamentals of landscape design. The student will learn site evaluation, design methods, elements of texture, form and color, selection of landscape material and the functional and aesthetic use of plants. Field trips may be required.

Transfers to both UC/CSU

HORT-299 Special Projects: Turf and Landscape Management 0.5-3 Units (IS 8-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Turf and Landscape Management classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

HORT-501 Horticulture Science (formerly HORT-101) 3 Units (LEC 48-54)

This course introduces the horticulture industry. Topics include fundamental skills used in the horticulture industry, cultivation of plant varieties, methods, knowledge and techniques used in commercial and residential landscaping, golf course management, plant nurseries, and maintenance for urban gardeners. Field trips may be required. (formerly HORT 101)

Transfers to CSU only

HORT-502 Introduction to Turfgrass Management (formerly HORT-102) 3 Units (LEC 48-54)

This course presents basic methods and materials used in the maintenance of turf grass. Topics include major factors in turf grass management including turf grass establishment, weed identification and control, turf grass pests, fertilization, irrigation, mowing procedures and scheduling. Field trips may be required. (formerly HORT 102)

Transfers to CSU only

HORT-503 Advanced Turfgrass Management (formerly HORT-103) 3 Units (LEC 48-54)

This course is designed to give the student in depth study in the specialization of large turf landscape sites such as golf courses and athletic field management. Topics include the most up to date methods used in the maintenance of turf grass for golf courses and sports fields and large turf areas. It examines construction, budgeting, staffing, and equipment. Field Trips may be required. (formerly HORT 103)

Prerequisite: HORT-502 (with a grade of C or better).

Transfers to CSU only

HORT-504 Soil Science and Management (formerly HORT-104) 3 Units (LAB 48-54, LEC 32-36)

This course is designed to present principles of soil and water conservation, land use, soil fertility and the physical and chemical relationships that govern soil reactions and interactions. Emphasis is given to management of various soil types; pH, salinity, texture, organic matter, and control. The lab will cover applied procedures, testing, and nutritional management of landscape and horticultural settings. For this course, field trips may be required. (formerly HORT 104)

Recommended Preparation: HORT-501.

Transfers to CSU only

**HORT-505 Golf Course/Landscape Irrigation (formerly HORT-105)
3 Units (LEC 48-54)**

This course is an introduction to fundamental irrigation principles and practices for turfgrass and other horticultural areas. The student will learn to read and interpret an irrigation blue print, calculate evapotranspiration rate, perform a water audit, design an irrigation schedule, program an irrigation controller, troubleshoot and repair basic irrigation problems, and calculate precipitation rates. Field trips may be required. (formerly HORT 105)

Transfers to CSU only

**HORT-506 Pesticide Law & Regulations - Turf & Landscape (formerly HORT-106)
3 Units (LEC 48-54)**

This course covers pesticide law and regulations. Course content includes pesticide, safety and enforcement regulations pertaining to the turf and landscape manager. Prepares students to take the Department of Pesticide Regulations Laws and Regulations exams, as well as categorize application areas exams. For this course, field trips may be required. (formerly HORT 106)

Transfers to CSU only

**HORT-507 Arboriculture (formerly HORT-107)
3 Units (LAB 48-54, LEC 32-36)**

This course includes care and management of ornamental trees, pruning techniques, fruit tree care, bracing, cabling, and pest control. Also included are safe practices in the use of equipment, including the use of ropes, chippers, boom trucks, chain saws, and identification and evaluation of common trees. This course prepares students for the tree worker and arborist certification exams. For this course, field trips may be required. (formerly HORT 107)

Transfers to CSU only

**HORT-510 Laws and Regulations, an Integrated Pest Management Approach (formerly HORT-110)
3 Units (LEC 48-54)**

This course focuses on laws and regulations as applied to common agricultural pests in Southern California and analyzes physical, biological and chemical pest control principles and practices. Field trips may be required. (formerly HORT 110)

Transfers to CSU only

HORT-549 Cooperative Work Experience: Turf and Landscape Management (formerly HORT-149)

0.5-8 Units CWE Paid 37.5-600/Non-paid 30-480

This course is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the students' educational or occupational goal (Title 5 section 55252). Students may earn a maximum of (8) semester credit hours during one enrollment period. Students may earn up to a total of 16 semester credit hours for all Cooperative Work Experience Education. Offered as pass/no pass only. (formerly HORT 149)

Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. A training agreement must be completed prior to registration. Please refer to the Cooperative Work Experience Student Handbook for specific information. Transfers to CSU only

Interpreter Preparation (IPP)

**IPP-510 Introduction to ASL/English Interpreting (formerly IPP-101)
3 Units (LEC 48-54)**

This course provides an overview of the field of interpreting regarding the role and function of an interpreter and provides an in-depth analysis and application of the Code of Professional Conduct. Information about settings, situations, and functions of assessing as part of the interpreting process is presented, as well as analysis of the cognitive and physical demands of interpreting. (formerly IPP 101)

Prerequisite: ASL-203 (with a grade of C or better) and interview with ASL Department Chair/faculty and English Department faculty.

Recommended Preparation: ANTH-145 or COMM-100.
Transfers to CSU only

**IPP-511 Processing Skills Development (formerly IPP-103)
3 Units (LEC 48-54)**

This course is an introduction to the mental processing skills of consecutive and simultaneous interpretation. This course includes an overview of the theoretical models of interpretation, provides skill development activities for isolated interpreting sub-tasks and practice activities for the integration of these tasks in translation and consecutive interpreting activities. (formerly IPP 103)

Prerequisite: ASL-505 and IPP-510 (with a grade of C or better).

Corequisite: IPP-515 and IPP-516.
Transfers to CSU only

**IPP-515 ASL to English Interpreting I (formerly IPP-104)
3 Units (LEC 48-54)**

This course is the first in a two-course sequence in which students develop the ability to produce an equivalent spoken English message from an ASL sourced message. This course focuses on text analysis and consecutively producing equivalent messages. Principles/problems relating to interpreting a signed message into its spoken English equivalent are explored. Word choice, register, inflection, clarity, tone, and intent of the message are emphasized in order for the correct information to be conveyed. (formerly IPP 104)

Prerequisite: ASL-505 and IPP-511 (with a grade of C or better).

Corequisite: IPP-511 and IPP-516.
Transfers to CSU only

IPP-516 English to ASL Interpreting I (formerly IPP-105)
3 Units (LEC 48-54)

This course is the first course in a two-course sequence in which students develop the ability to produce an equivalent ASL message from a spoken English source message consecutively before learning to apply these skills in a simultaneous fashion in IPP 205. This course focuses on text analysis and consecutively producing equivalent messages. Content also includes interpreting management strategies. Emphasis is placed on semantics, register, inflection, clarity, tone, and intent of the message. (formerly IPP 105)

Prerequisite: ASL-505 (with a grade of C or better).

Corequisite: IPP-511 and IPP-515.

Transfers to CSU only

IPP-610 Ethical & Professional Standards of Interpreting (formerly IPP-201)
3 Units (LEC 48-54)

This course develops intellectual and ethical decision-making abilities and considers common ethical dilemmas that arise within the interpreting process. Students will explore how professional interpreters apply the NCI's Code of Ethics principles in their daily work and how Deaf/hearing consumers perceive the ethical role and function of interpreters. Students will discuss ethical resolution to various case studies and apply recognized principles of professional behavior to the interpreting process. (formerly IPP 201)

Prerequisite: IPP-515 and IPP-516 (with a grade of C or better).

Transfers to CSU only

IPP-615 ASL to English Interpreting II (formerly IPP-204)
3 Units (LEC 48-54)

This course is the second course in a two-course sequence, building upon skills developed in IPP 104. This course focuses on text analysis and simultaneously producing equivalent messages. This course is designed to strengthen the skills of advanced-level students preparing them to accurately interpret information presented in ASL into appropriate English. Semantics, register, inflection, tone, and intent of the message are emphasized. (formerly IPP 204)

Prerequisite: IPP-515 (with a grade of C or better).

Corequisite: IPP-616.

Transfers to CSU only

IPP-616 English to ASL Interpreting II (formerly IPP-205)
3 Units (LEC 48-54)

In this course, students will develop the ability to produce an equivalent ASL message from a spoken English message. This course is designed to give students additional opportunities to enhance their simultaneous-interpreting skills. Continued attention is given to increasing fluency, appropriate vocabulary, and structure that best matches the spoken message. (formerly IPP 205)

Prerequisite: IPP-516 (with a grade of C or better).

Corequisite: IPP-615.

Transfers to CSU only

IPP-625 Specialized Interpreting (formerly IPP-210)
3 Units (LEC 48-54)

This course discusses professional, ethical, technical, and logistical factors involved when interpreting between ASL and spoken English in various settings. Specialized settings introduced in this course include: educational, mental health, legal, medical, social services, business, religious, platform, and performing arts. Technology (VRS, TRS and VRI), Deaf-Blind and Oral interpreting will also be discussed. The primary language of instruction will be ASL. (formerly IPP 210)

Prerequisite: IPP-610, IPP-615 and IPP-616 (with a grade of C or better).

Transfers to CSU only

IPP-650 Practicum and Seminar (formerly IPP-250)
2 Units (LAB 48-54, LEC 16-18)

This course is practicum for interpreting students. The practicum will involve such activities as observing the mentor and a variety of other interpreters of other interpreters at work; preparing videotapes for mentor critique; interpreting under the supervision of the mentor; and meeting weekly with the mentor to discuss the practicum experience. (formerly IPP 250)

Prerequisite: IPP-610, IPP-615 and IPP-616 (with a grade of C or better).

Transfers to CSU only

Journalism (JOUR)

JOUR-110 Introduction to Reporting and Newswriting
3 Units (LEC 48-54)

This course is an introduction to gathering, synthesizing, organizing, and writing news in journalistic style across multiple platforms. This course will provide an introduction to Associated Press Style and will cover the role of a journalist and the legal and ethical issues associated with journalism. Students will compose media using journalistic writing standards.

Transfers to CSU only

JOUR-130 Journalism Practicum
3 Units (LEC 48-54)

This course will teach students to produce content for the MSJC student newspaper online, on social media, and in print. In this course, students will gather news about Mt. San Jacinto College for stories, photos, videos, blogs, artwork, tweets, postings, informational graphics, and other products under deadline pressures. The course will involve field work on campus to cover news about Mt. San Jacinto College.

Transfers to CSU only

Leadership (LEAD)

LEAD-299 Special Projects: Special Topics in Leadership (formerly SGA-299)

1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: One Leadership class must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

LEAD-500 Leadership Development (LEAD-101)

3 Units (LEC 48-54)

This course is designed to provide students with a foundational understanding of the knowledge and skills to be an effective leader. It explores leadership theory with applications for leading organizations and creative positive social change. An emphasis is on personal and organizational goal setting, leadership development, decision-making strategies, team building, the acquisition of organizational ethics, conflict management, and supporting the mission and vision of an organization. (formerly LEAD 101)

Transfers to CSU only

AA/AS General Education: AA/AS E

LEAD-501 Advanced Leadership Skills (formerly LEAD-102)

3 Units (LEC 48-54)

This course focuses on advanced topics in leadership and the application to the personal lives, and careers in education, private or public sector organizations. Topics will include, conflict resolution, mediation skills, talents and strengths, power and influence, diversity, leadership roles, ethics and leading teams. Students will develop and implement a plan to apply new skills and knowledge to an organization they belong to. (formerly LEAD 102)

Transfers to CSU only

AA/AS General Education: AA/AS E

Learning Skills (LNSK)

LNSK-051 Learning Disabilities Workshop

0.5 Units (LEC 8-9)

This course focuses on understanding learning differences and strategies related to specific learning disabilities. Cognitive and achievement assessments will be provided as needed to identify student's learning profile. Offered as pass/no pass only.

Not transferable

LNSK-053 Study Skills

3 Units (LEC 48-54)

This course provides specialized instruction in study skills to help learning disabled students maximize their success in college classes. Skills include listening, note-taking, reading textbooks, memory techniques, study habits, testing strategies, time management, and library resources. Offered as pass/no pass only.

Recommended Preparation: LNSK-051.

Not transferable

LNSK-056 Vocabulary Development for LD

2 Units (LAB 24-27, LEC 24-27)

This course is designed to remediate deficits impeding expressive and receptive vocabulary development in learning disabled students. The course uses adaptive techniques and technology to enable students to improve their expressive and receptive vocabulary. Offered as pass/no pass only.

Recommended Preparation: LNSK-051.

Not transferable

LNSK-057 Pre-Algebra Support

2 Units (LAB 24-27, LEC 24-27)

The course is designed to provide small group and/or individualized instruction and intervention strategies to students identified as Learning Disabled or with significant difficulty with basic math skills. Offered as pass/no pass only.

Not transferable

LNSK-077 Algebra Support for LD

2 Units (LAB 24-27, LEC 24-27)

The course is designed to provide small group and/or individualized instruction and intervention strategies to students identified as Learning disabled or with significant difficulty in algebra. Offered as pass/no pass only.

Recommended Preparation: LNSK-051.

Not transferable

Legal Studies (LEG)

LEG-100 Foundations of the Legal System

3 Units (LEC 48-54)

This course explores the legal system including basic legal terminology, sources of law, legal reasoning, federalism, court structure, the rules of procedure and ethical standards for lawyers and legal assistants. It includes substantive introduction to the law of contracts and torts, crimes of common law, U.S. Constitution, and the two legal concentration areas of family law and immigration law.

Transfers to CSU only

CSU Area(s): D8

AA/AS General Education: AA/AS B2

LEG-503 Elder Law (formerly LEG-103)
3 Units (LEC 48-54)

This course presents the contemporary world of elder law with a comprehensive legal overview of the most important laws that affect the elderly and how a paralegal functions within the discipline. The multi-disciplinary approach will analyze the legal needs relevant to the elderly and the ethical, social, and physical needs associated with aging. (formerly LEG 103)

Transfers to CSU only

LEG-505 California Civil Procedure (formerly LEG-105)
3 Units (LEC 48-54)

This course prepares students to assist in drafting the many documents needed or required in litigation in California courts. It explains the civil litigation process in California courts. Students acquire an ability to analyze procedural issues that arise during litigation, including pre-litigation needs, drafting of pleadings and discovery, analysis of procedures for discovery, summary judgment and other pre-trial motions, trial preparation, trial procedures, enforcement of judgments, appeal and alternative dispute resolution procedures. (formerly LEG 105)

Transfers to CSU only

LEG-507 Research and Writing for Legal Assistant (formerly LEG-107)
3 Units (LEC 48-54)

This course introduces the customary methods of legal research including the use of printed and online materials. The course integrates critical analyses of researched material and presentation of researched findings through persuasive writing ensuring proper formatting specific to the legal field and proper grammar. (formerly LEG 107)

Transfers to CSU only

LEG-512 Administrative Law (formerly LEG-112)
3 Units (LEC 48-54)

This course presents the adjudicatory process for administrative agency hearings concerning government benefits and regulatory powers, claims made to, and by, state and federal administrative agencies, discovery in the claims process, and appeals from administrative orders or decisions, including judicial review. The student will also learn to conduct claimant and witness interviews and analyze the impact of agency regulations and governing statutes that control claims processing before agencies. (formerly LEG 112)

Transfers to CSU only

LEG-524 Immigration Law (formerly LEG-124)
3 Units (LEC 48-54)

This course introduces fundamentals of substantive and procedural immigration law of the United States, including historical perspectives leading to current rules and policy, structure of implementing agencies, conditions of eligibility for immigrant and non-immigrant status, grounds for exclusion and removal, asylum eligibility, process for granting full citizenship, and U.S. Constitutional requirements. (formerly LEG 124)

Transfers to CSU only

AA/AS General Education: AA/AS B2

LEG-534 Family Law (formerly LEG-134)
3 Units (LEC 48-54)

This course explores fundamental principles and practice issues in California family law. Students will analyze laws and procedures governing marriage, dissolution of marriage, annulment, child custody, guardianship, paternity, child support, adoption and family violence. The course covers the drafting of court forms for court proceedings and issues pertaining to counseling in the family law field and the drafting of agreements, including prenuptial agreements and separation agreements. (formerly LEG 134)

Transfers to CSU only

LEG-549 Cooperative Work Experience: Legal Assistant (formerly LEG-149)
0.5-8 Units CWE Paid 37.5-600/Non-paid 30-480

This course is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the students' educational or occupational goal (Title 5 section 55252). Students may earn a maximum of (8) semester credit hours during one enrollment period. Students may earn up to a total of 16 semester credit hours for all Cooperative Work Experience Education. Offered as pass/no pass only. (formerly LEG 149)

Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. A training agreement must be completed prior to registration. Please refer to the Cooperative Work Experience Student Handbook for specific information. Transfers to CSU only

LEG-560 Business Organizations (formerly LEG-160)
3 Units (LEC 48-54)

This course presents California law governing the reasons and procedures for forming, maintaining and dissolving sole proprietorships, partnerships, limited liability companies and corporations. The course explains the rights and obligations of partners, members, directors, officers and shareholders under Federal and state laws and regulations. The course analyzes the selection of the business form, business ethics and the legal assistant's role in documenting the formation and maintenance of California business organizations. (formerly LEG 160)

Transfers to CSU only

Library Science (LIB)

LIB-101 Essentials of Library Research and Information Competency
1 Unit (LEC 16-18)

This course will guide students through the research process, using both library resources and the Internet. Students will learn how to search a variety of electronic databases, library catalogs, and Internet sources for relevant and authoritative information and prepare a works cited list or bibliography using the MLA or APA format. This course will prepare students for research in any discipline and will impart the information competency skills necessary to become a lifelong learner.

Transfers to CSU only

Literature (LIT)

LIT-106 Introduction to Literature (formerly ENGL-106) 3 Units (LEC 48-54)

This course is a multi-genre, multi-period course that introduces students to fiction, poetry, and drama from diverse cultural sources and perspectives. Students will examine literary terms and methods of literary analysis to provide them with a broad understanding of literature. (formerly ENGL 106)

Prerequisite: ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: ENGL 120

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

LIT-106H Honors Introduction to Literature (formerly ENGL-106H) 3 Units (LEC 48-54)

This course is a multi-genre, multi-period course that introduces students to fiction, poetry, and drama from diverse cultural sources and perspectives. Students will examine literary terms and methods of literary analysis to provide them with a broad understanding of literature. (formerly ENGL 106H)

Prerequisite: Acceptance into the Honors Enrichment Program., ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: ENGL 120

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

LIT-131 Children's Literature (formerly ENGL-131) 3 Units (LEC 48-54)

This course is a general survey of children's literature from picture books to novels. Students will examine literary elements developed in poetry and prose for children, children's responses to books, the development of literature-based activities for children, genres of children's literature as well as literary approaches to the literature. *Cross-listed as CDE-131. (formerly ENGL 131)

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: ENGL 180

CSU Area(s): C2

AA/AS General Education: AA/AS C

LIT-131H Honors Children's Literature (formerly ENGL-131H) 3 Units (LEC 48-54)

This course is a general survey of children's literature from picture books to novels. Students will examine literary elements developed in poetry and prose for children, children's responses to books, the development of literature-based activities for children, genres of children's literature as well as literary approaches to the literature. *Cross-listed as CDE-131H. (formerly ENGL 131H)

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: ENGL 180

CSU Area(s): C2

AA/AS General Education: AA/AS C

LIT-132 Adolescent Literature (formerly ENGL-132) 3 Units (LEC 48-54)

This course is a survey of classic and contemporary works of literature written for and about adolescents. Students will read, analyze, and evaluate a diversity of works of poetry and prose and will explore the various genres and issues relevant to adolescent reading. Texts will be analyzed from a variety of psychological, moral, literary, and other developmental perspectives. *Cross-listed as ED-132. (formerly ENGL 132)

Prerequisite: ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

LIT-132H Honors Adolescent Literature (formerly ENGL-132H) 3 Units (LEC 48-54)

This course is a survey of classic and contemporary works of literature written for and about adolescents. Students will read, analyze, and evaluate a diversity of works of poetry and prose and will explore the various genres and issues relevant to adolescent reading. Texts will be analyzed from a variety of psychological, moral, literary, and other developmental perspectives. *Cross-listed as ED-132H. (formerly LIT 132H)

Prerequisite: Acceptance into the Honors Enrichment Program., ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

LIT-205 World Folklore and Mythology (formerly ENGL-205 World Folklore)**3 Units (LEC 48-54)**

This course explores various literary genres of folklore, mythology, and legends mostly in English translation. It examines how common patterns across culture, region, and time are adapted to express cultural values, beliefs, and expressions. The course considers the role folklore, mythology, and legends play in the lives of people around the world as well as how these patterns influence American identity, popular culture, ethnicity, and nationalism. (formerly ENGL 205)

Prerequisite: ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B**CSU Area(s):** C2**AA/AS General Education:** AA/AS C**LIT-205H Honors World Folklore and Mythology (formerly ENGL-205H Honors World Folklore)****3 Units (LEC 48-54)**

This course explores various literary genres of folklore, mythology, and legends mostly in English translation. It examines how common patterns across culture, region, and time are adapted to express cultural values, beliefs, and expressions. The course considers the role folklore, mythology, and legends play in the lives of people around the world as well as how these patterns influence American identity, popular culture, ethnicity, and nationalism. (formerly ENGL 205H)

Prerequisite: Acceptance into the Honors Enrichment Program., ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B**CSU Area(s):** C2**AA/AS General Education:** AA/AS C**LIT-207 American Literature: Pre-Colonial to 1865 (formerly ENGL-207)****3 Units (LEC 48-54)**

This course chronologically surveys American writing from the pre-colonial period to the Civil War and examines a wide range of American authors and texts. The works will be examined in an historical context and considered in light of the ethnic, literary, geographical, religious, ideological, and political environments within which they were written. (formerly ENGL 207)

Prerequisite: ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: ENGL 130**IGETC Area(s):** 3B**CSU Area(s):** C2**AA/AS General Education:** AA/AS C**LIT-207H Honors American Literature: Pre-Colonial to 1865 (formerly ENGL-207H)****3 Units (LEC 48-54)**

This course chronologically surveys American writing from the pre-colonial period to the Civil War and examines a wide range of American authors and texts. The works will be examined in an historical context and considered in light of the ethnic, literary, geographical, religious, ideological, and political environments within which they were written. (formerly ENGL 207H)

Prerequisite: Acceptance into the Honors Enrichment Program.,

ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: ENGL 130**IGETC Area(s):** 3B**CSU Area(s):** C2**AA/AS General Education:** AA/AS C**LIT-208 American Literature: 1865 to Present (formerly ENGL-208)****3 Units (LEC 48-54)**

This course chronologically surveys American writing from the post-Civil War period to the present and examines the work of a wide range of American authors. The works will be examined in an historical context and considered in light of the ethnic, literary, geographical, religious, ideological, and political environments within which they were written. (formerly ENGL 208)

Prerequisite: ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: ENGL 135**IGETC Area(s):** 3B**CSU Area(s):** C2**AA/AS General Education:** AA/AS C**LIT-208H Honors American Literature: 1865 to Present (formerly ENGL-208H)****3 Units (LEC 48-54)**

This course chronologically surveys American writing from the post-Civil War period to the present and examines the work of a wide range of American authors. The works will be examined in an historical context and considered in light of the ethnic, literary, geographical, religious, ideological, and political environments within which they were written. (formerly ENGL 208)

Prerequisite: Acceptance into the Honors Enrichment Program.,

ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: ENGL 135**IGETC Area(s):** 3B**CSU Area(s):** C2**AA/AS General Education:** AA/AS C

**LIT-225 Film and Literature (formerly ENGL-225)
3 Units (LEC 48-54)**

This course acquaints students with basic literary and film theory and terminology as tools for the analysis of both narrative literature and film and to explore the interplay between these two types of text. Some attention to genre and literary and film history will contextualize discussions about the translation of literature into film. (formerly ENGL 225)

Prerequisite: ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

**LIT-225H Honors Film and Literature (formerly ENGL-225H)
3 Units (LEC 48-54)**

This course acquaints students with basic literary and film theory and terminology as tools for the analysis of both narrative literature and film and to explore the interplay between these two types of text. Some attention to genre and literary and film history will contextualize discussions about the translation of literature into film. (formerly ENGL 225H)

Prerequisite: Acceptance into the Honors Enrichment Program., ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

**LIT-230 English Literature: Anglo-Saxon to 1775 (formerly ENGL-230)
3 Units (LEC 48-54)**

This course chronologically surveys English writing from the Anglo-Saxon period to 1775 and examines the works of both major and minor writers from the period, as well as the historical context of each period. Students will read, analyze, and evaluate a variety texts, including poetry, drama, and prose, within the political, religious, social, cultural, and historical contexts of each period. (formerly ENGL 230)

Prerequisite: ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: ENGL 160

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

**LIT-230H Honors English Literature: Anglo-Saxon To 1775 (formerly ENGL-230H)
3 Units (LEC 48-54)**

This course chronologically surveys English writing from the Anglo-Saxon period to 1775 and examines the works of both major and minor writers from the period, as well as the historical context of each period. Students will read, analyze, and evaluate a variety texts, including poetry, drama, and prose, within the political, religious, social, cultural, and historical contexts of each period. (formerly ENGL 230H)

Prerequisite: Acceptance into the Honors Enrichment Program., ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: ENGL 160

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

**LIT-231 English Literature: 1775 to Present (formerly ENGL-231)
3 Units (LEC 48-54)**

This course chronologically surveys English writing from 1775 to the present, examining the work of both major and minor writers. Writers are studied in a historical context and considered in light of the ethnic, literary, geographical, religious, ideological, and political environments within which they wrote. (formerly ENGL 231)

Prerequisite: ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: ENGL 165

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

**LIT-231H Honors English Literature: 1775 to Present (formerly ENGL-231H)
3 Units (LEC 48-54)**

This course chronologically surveys English writing from 1775 to the present, examining the work of both major and minor writers. Writers are studied in a historical context and considered in light of the ethnic, literary, geographical, religious, ideological, and political environments within which they wrote. (formerly ENGL 231H)

Prerequisite: Acceptance into the Honors Enrichment Program., ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: ENGL 165

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

LIT-240 American Indian Literature (formerly ENGL-240)
3 Units (LEC 48-54)

This course surveys the variety of writings that constitute American Indian literature. Discussion, lectures, and presentations will cover the significance of the cultural context of various societies as well as the way American Indian literature and our perceptions have changed as a result of historical, political and literary movements. (formerly ENGL 240)

Prerequisite: ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C, AA/AS F

LIT-240H Honors American Indian Literature (formerly ENGL-240H)
3 Units (LEC 48-54)

This course surveys the variety of writings that constitute American Indian literature. Discussion, lectures, and presentations will cover the significance of the cultural context of various societies as well as the way American Indian literature and our perceptions have changed as a result of historical, political and literary movements. (formerly ENGL 240H)

Prerequisite: Acceptance into the Honors Enrichment Program., ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C, AA/AS F

LIT-255 Gender and Sexuality in Literature
3 Units (LEC 48-54)

This course examines and explores the role of gender and sexuality in literary studies of various nationalities, ethnicities, and historical periods. Discussions, lectures, and presentations will cover fiction, poetry, drama, film, and non-fiction prose including autobiography, keeping in mind how gender and sexuality influence form and content. This course will cover various literary, historical, and political, as well as concepts central to gender and sexuality studies, women's studies, masculinity studies, and LGBTQ+/queer studies.

Prerequisite: ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C, AA/AS F

LIT-255H Honors Gender and Sexuality in Literature
3 Units (LEC 48-54)

This course examines and explores the role of gender and sexuality in literary studies of various nationalities, ethnicities, and historical periods. Discussions, lectures, and presentations will cover fiction, poetry, drama, film, and non-fiction prose including autobiography, keeping in mind how gender and sexuality influence form and content. This course will cover various literary, historical, and political, as well as concepts central to gender and sexuality studies, women's studies, masculinity studies, and LGBTQ+/queer studies.

Prerequisite: Acceptance into the Honors Enrichment Program., ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C, AA/AS F

LIT-260 Introduction to African American Literature (formerly ENGL-260)
3 Units (LEC 48-54)

This course surveys, interprets and compares texts written by and about African Americans and expands upon the African American Diaspora experiences. Discussions, lectures, and presentations will focus on identity, freedom and literacy, and the complexities of language from both a historical and a literary perspective. The course may include a variety of genres, such as fiction, poetry, drama, film, and non-fiction prose. (formerly ENGL 260)

Prerequisite: ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C, AA/AS F

LIT-260H Honors Introduction to African American Literature (formerly ENGL-260H)
3 Units (LEC 48-54)

This course surveys, interprets and compares texts written by and about African Americans and expands upon the African American Diaspora experiences. Discussions, lectures, and presentations will focus on identity, freedom and literacy, and the complexities of language from both a historical and a literary perspective. The course may include a variety of genres, such as fiction, poetry, drama, film, and non-fiction prose. (formerly ENGL 260H)

Prerequisite: Acceptance into the Honors Enrichment Program., ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C, AA/AS F

LIT-275 Latinx/Chicanx Literature
3 Units (LEC 48-54)

This course surveys, interprets, compares, and explores the lived experiences of Latinx/Chicanx authors through a variety of texts and genres. Readings, discussions, lectures, and presentations will focus on the cultural, social, and historical aspects of Latinx/Chicanx literature. The course may include a variety of genres: fiction, poetry, drama, film, and non-fiction prose, etc. *Cross-listed as ETHS-275.

Prerequisite: ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

CSU Area(s): C2, F

AA/AS General Education: AA/AS C, AA/AS F

LIT-275H Honors Latinx/Chicanx Literature
3 Units (LEC 48-54)

This course is a multi-genre, multi-period course that introduces students to fiction, poetry, and drama from diverse cultural sources and perspectives. Students will examine literary terms and methods of literary analysis to provide them with a broad understanding of literature. *Cross-listed as ETHS-275H.

Prerequisite: Acceptance into the Honors Enrichment Program., ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

CSU Area(s): C2, F

AA/AS General Education: AA/AS C, AA/AS F

LIT-280 Multiethnic Literature (formerly ENGL-280)
3 Units (LEC 48-54)

This course surveys, interprets, and compares the variety of texts written by Asian Americans, African Americans, American Indians, and Chicanx/Latinx authors, exploring the experiences of the various ethnic cultures. Readings, discussions, lectures, and presentations will allow students to understand the cultural and historical aspects of the various cultures as well as the way the cultures themselves differ in literature. (formerly ENGL 280). *Cross-listed as ETHS-280.

Prerequisite: ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2, F

AA/AS General Education: AA/AS C, AA/AS F

LIT-280H Honors Multiethnic Literature (formerly ENGL-280H)
3 Units (LEC 48-54)

This course surveys, interprets, and compares the variety of texts written by Asian Americans, African Americans, American Indians, and Chicanx/Latinx authors, exploring the experiences of the various ethnic cultures. Readings, discussions, lectures, and presentations will allow students to understand the cultural and historical aspects of the various cultures as well as the way the cultures themselves differ in literature. (formerly ENGL 280H). *Cross-listed as ETHS-280H.

Prerequisite: Acceptance into the Honors Enrichment Program., ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2, F

AA/AS General Education: AA/AS C, AA/AS F

Management/Supervision (MGT)

MGT-299 Special Projects: Management
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Management classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

MGT-500 Introduction to Management (formerly MGT-103)
3 Units (LEC 48-54)

This course will introduce students to the task of managing; the history of management; and the roles of planning, organizing, leading, and controlling on both a domestic and global level. Students will review the roles of information systems and management theories and will examine current issues in management. (formerly MGT 103)

Transfers to CSU only

MGT-505 Organizational Behavior (formerly MGT-108)
3 Units (LEC 48-54)

This course covers the impact of different management practices and leadership styles on worker satisfaction and morale, organizational effectiveness, productivity, and profitability. Topics include coverage of formal and informal organizations, group dynamics, motivation, and managing conflict and change. Upon completion, students should be able to analyze different types of interpersonal situations and determine an appropriate course of action. *Cross-listed as ENGR-505. (formerly MGT 108)

Transfers to CSU only

MGT-520 Principles of Marketing Management (formerly MGT-205)
3 Units (LEC 48-54)

This course presents an overview of marketing management in today's business. Topics emphasize the environment of marketing, determining target markets, product planning, pricing, promotion and distribution. This course is designed for students pursuing a business career, considering ownership of a small business or business owners who wish to advance their marketing skills. (formerly MGT 205)

Transfers to CSU only

MGT-538 Personnel Management (formerly MGT-138)
3 Units (LEC 48-54)

This course is designed to develop an understanding of personnel management techniques for which managers are responsible, including human resources planning, employee recruitment, selection, training and development, performance appraisal, compensation, safety and security, and relationships with unionized employees. Management of the human resource function is covered. (formerly MGT 138)

Prerequisite: MGT-500 (with a grade of C or better).

Transfers to CSU only

MGT-549 Cooperative Work Experience: Management (formerly MGT-149)**0.5-8 Units CWE Paid 37.5-600/Non-paid 30-480**

This course is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the students' educational or occupational goal (Title 5 section 55252). Students may earn a maximum of (8) semester credit hours during one enrollment period. Students may earn up to a total of 16 semester credit hours for all Cooperative Work Experience Education. Offered as pass/no pass only. (formerly MGT 149)

Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. A training agreement must be completed prior to registration. Please refer to the Cooperative Work Experience Student Handbook for specific information. Transfers to CSU only

MGT-760 Elements of Supervision (formerly MGT-098)**3 Units (LEC 48-54)**

This course applies principles, strategies, and techniques of supervising individuals, teams, and departments. The course emphasizes planning, organizing, and creating systems in employee training, development, and motivation. Additionally, the course covers issues related to employee discipline, diversity, and employment regulations. (formerly MGT 098)

Not transferable

MGT-770 Productivity Management (formerly MGT-133)**3 Units (LEC 48-54)**

This course surveys and researches the role productivity plays in various business structures. Included is a study of internal and external factors contributing to productivity and the effects national and global elements have on productivity. Students will survey and research management theories, practices and methods. Through case study analysis, students will apply techniques to analyze current productivity and apply methods to sustain and improve productivity. (formerly MGT 133)

Prerequisite/Corequisite: MGT-500 (with a grade of C or better).
Not transferable

Mathematics (MATH)

MATH-055 Accelerated Pre-Algebra with Arithmetic**4 Units (LEC 64-72)**

This course provides an accelerated route to MATH-090. It covers arithmetic with rational number, including applications, percentages, and solving equations. Topics in algebra will be introduced. The first portion involves non-negative rational numbers while the last portion includes all rational numbers.

Prerequisite: MATH-904 or appropriate placement. California law (AB 705) allows placement of students in college-level math and clears the prerequisite for this course.
Not transferable

MATH-060 Pre-Statistics**4 Units (LEC 64-72)**

This course teaches the prerequisite topics in Pre-algebra, algebra, and descriptive statistics necessary for a student to be successful in an introductory statistics course. Some of the items covered are solving literal equations, computations using a calculator, graphing, use of technology such as statcrunch or minitab, probability, and computing measures of center and variation. Applications to everyday life will be a main point of this course.

Prerequisite: MATH-904 or appropriate placement.
Not transferable

MATH-081 Support for Ideas for Mathematics**1 Unit (LBE 48-54)**

This course will provide students with additional support in learning the concepts and gives more time with the instructor to increase the probability of being successful in Math 115. Concepts to be covered include truth table, statistics, probability and working with Venn diagrams. Offered as pass/no pass only.

Corequisite: MATH-115.
Not transferable

MATH-082 Support for College Algebra (formerly Support for College Algebra or Precalculus)**1 Unit (LBE 48-54)**

This course covers the topics necessary to be successful in College Algebra. It covers core prerequisite skills, competencies, and concepts from Intermediate Algebra. Topics will include equations and inequalities, linear and non-linear functions, factoring polynomials, complex numbers, as well as graphing functions and conic sections. Offered as pass/no pass only.

Corequisite: MATH-105.
Not transferable

MATH-083 Support for Introduction to Statistics**1 Unit (LBE 48-54)**

This course covers the topics necessary to be successful in Math 140. It covers prerequisite material from arithmetic, prealgebra, and algebra. It also covers some of the more basic concurrent material from statistics. Offered as pass/no pass only.

Corequisite: MATH-140.
Not transferable

MATH-084 Support for Precalculus**1 Unit (LBE 48-54)**

This course covers topics necessary to be successful in Precalculus. It covers core prerequisite skills from basic trigonometry and algebra. Topics include complex radical and radical expressions, piece-wise functions, conics, evaluating trigonometric and inverse trigonometric functions, and solving logarithmic and trigonometric functions.

Corequisite: MATH-110.
Not transferable

MATH-090 Elementary Algebra
4 Units (LEC 64-72)

This course will cover solving linear equations, systems of linear equations, equations involving algebraic fractions, and quadratic equations by factoring and utilizing the Quadratic Formula. These skills will be applied to set up and solve application problems. Other topics include how to graph lines, conic sections, and exponential functions as well as perform arithmetic with both polynomial and rational expressions, and how to factor polynomials.

Prerequisite: MATH-055 (with a grade of C or better) or appropriate placement. California law (AB705) allows placement of students in college-level math and clears the prerequisite for this course.
Not transferable

MATH-094 Accelerated Algebra
6 Units (LEC 96-108)

This course will cover topics from Elementary and Intermediate Algebra to prepare students for transfer-level math courses. Topics for this class include solving linear, absolute value, radical and quadratic equations and inequalities and systems of equations. Application problems are an essential part of the course. Function notation, domain, range and determining if a relation is a function will be explored, as well as graphing of conic sections and several types of functions including exponential functions.

Prerequisite: Appropriate placement. California law (AB 705) allows placement of students in college-level math and clears the prerequisite for this course.
Not transferable

AA/AS General Education: AA/AS G

MATH-096 Intermediate Algebra
5 Units (LEC 80-90)

This course prepares the student for transfer-level math courses. Topics for this class include solving absolute value inequalities, radical, exponential and logarithmic equations along with systems of equations involving three variables, application problems, graphing of conic sections and several types of functions including exponential functions will also be covered. Function notation, domain, range, composition of functions and inverse functions will be explored.

Prerequisite: None. Recommended Preparation: MATH-090.
Not transferable

AA/AS General Education: AA/AS G

MATH-105 College Algebra
4 Units (LEC 64-72)

This course covers graphing of polynomial, rational and transcendental functions and conic sections, solving of polynomial, rational, exponential and logarithmic equations and related applications, solving of systems of linear equations utilizing determinants, function theory including notation, combination and composition as well as existence and formulation of inverses, sequences and the Binomial Theorem.

Prerequisite: MATH-096 or MATH-094 (with a grade of C or better) or placement in MATH-105. California law (AB 705) allows placement of students in college-level math and clears the prerequisite for this course. Completion of high school Intermediate Algebra/Algebra 2 or equivalent course is highly recommended. Students who have not completed Intermediate Algebra are more likely to be successful in Statistics (Math 140) or Ideas of Mathematics (Math 115).

Transfers to both UC/CSU

C-ID: MATH 151

IGETC Area(s): 2A

CSU Area(s): B4

AA/AS General Education: AA/AS G

MATH-105H Honors College Algebra
4 Units (LEC 64-72)

This course covers graphing of polynomial, rational and transcendental functions and conic sections, solving of polynomial, rational, exponential and logarithmic equations and related applications, solving of systems of linear equations utilizing determinants, function theory including notation, combination and composition as well as existence and formulation of inverses, sequences and the Binomial Theorem.

Prerequisite: Acceptance into the Honors Enrichment Program., MATH-096 or MATH-094 (with a grade of C or better) or placement in MATH-105. California law (AB 705) allows placement of students in college-level math and clears the prerequisite for this course. Completion of high school Intermediate Algebra/Algebra 2 or equivalent course is highly recommended. Students who have not completed Intermediate Algebra are more likely to be successful in Statistics (Math 140) or Ideas of Mathematics (Math 115).

Transfers to both UC/CSU

IGETC Area(s): 2A

CSU Area(s): B4

AA/AS General Education: AA/AS G

MATH-110 Pre-Calculus
4 Units (LEC 64-72)

This course is designed to prepare students for Calculus. The topics covered include a review of selected algebra topics: polynomial, rational, exponential, and logarithmic functions, conic sections, and sequences and series. The course also introduces students to new topics in analytic trigonometry: trigonometric functions and their graphs and applications, as well as proof by mathematical induction.

Prerequisite: MATH-105 (with a grade of C or better) or appropriate placement.

Transfers to both UC/CSU

IGETC Area(s): 2A

CSU Area(s): B4

AA/AS General Education: AA/AS G

MATH-115 Ideas of Mathematics
3 Units (LEC 48-54)

This course covers topics in applications of sets, counting, probability, statistics and logic.

Prerequisite: MATH-096 or MATH-094 (with a grade of C or better) or appropriate placement. California law (AB 705) allows placement of students in college-level math and clears the prerequisite for this course.

Transfers to both UC/CSU

IGETC Area(s): 2A

CSU Area(s): B4

AA/AS General Education: AA/AS G

MATH-135 Calculus for Social Science and Business
3 Units (LEC 48-54)

This course covers functions and their graphs, including exponential and logarithmic functions, limits, differentiation and integration. It includes applications to business, economics and the social sciences, and introduces multivariable calculus.

Prerequisite: MATH-105 (with a grade of C or better) or appropriate placement.

Transfers to both UC/CSU

C-ID: MATH 140

IGETC Area(s): 2A

CSU Area(s): B4

AA/AS General Education: AA/AS G

MATH-140 Introduction to Statistics
3 Units (LEC 48-54)

This course is an introduction to the concepts, ideas and applications of probability and statistics. Math 140 covers descriptive statistics, elementary probability, probability distributions, estimation of population parameters, hypothesis testing, correlation, linear regression and ANOVA. Applications will be taken from the fields of business, economics, social sciences, life sciences, engineering and physical sciences.

Prerequisite: MATH-096 or MATH-094 (with a grade of C or better) or appropriate placement. California law (AB 705) allows placement of students in college-level math and clears the prerequisite for this course.

Transfers to both UC/CSU

C-ID: MATH 110

IGETC Area(s): 2A

CSU Area(s): B4

AA/AS General Education: AA/AS G

MATH-155 Mathematics for Elementary Teaching (formerly Mathematics for Elementary Teaching I)

3 Units (LEC 48-54)

This course focuses on the development of quantitative reasoning skills through integrated exploration of: sets, number systems up to and including real numbers, arithmetic operations, basic number theory, ratio and proportion, and percent. Emphasis is on comprehension and analysis of mathematical concepts and applications.

Prerequisite: MATH-096 or MATH-094 (with a grade of C or better) or appropriate placement. California law (AB 705) allows placement of students in college-level math and clears the prerequisite for this course. Completion of high school Intermediate Algebra/Algebra 2 or equivalent course is highly recommended. Students who have not completed Intermediate Algebra are more likely to be successful in Statistics (Math 140) or Ideas of Mathematics (Math 115).

Transfers to both UC/CSU

CSU Area(s): B4

AA/AS General Education: AA/AS G

MATH-211 Analytic Geometry and Calculus I
4 Units (LEC 64-72)

This course is the first in the Calculus sequence. Students will compute limits, identify regions of continuity, and differentiate and integrate algebraic and trigonometric functions. Applications of differentiation and integration to problems of graphing, related rates, optimization, areas, volumes, arc-length, and rectilinear motion are included.

Prerequisite: MATH-110 (with a grade of C or better) or placement in MATH-211.

Transfers to both UC/CSU

C-ID: MATH 211

C-ID: MATH 900S

IGETC Area(s): 2A

CSU Area(s): B4

AA/AS General Education: AA/AS G

MATH-211H Honors Analytic Geometry and Calculus I
4 Units (LEC 64-72)

This course is the first in the Calculus sequence. Students will compute limits, identify regions of continuity, and differentiate and integrate algebraic and trigonometric functions. Applications of differentiation and integration to problems of graphing, related rates, optimization, areas, volumes, arc-length, and rectilinear motion are included.

Prerequisite: Acceptance into the Honors Enrichment Program., MATH-110 (with a grade of C or better) or placement in MATH-211.

Transfers to both UC/CSU

IGETC Area(s): 2A

CSU Area(s): B4

AA/AS General Education: AA/AS G

MATH-212 Analytic Geometry and Calculus II
4 Units (LEC 64-72)

This course is the second in the Calculus sequence. Students will differentiate exponential, logarithmic, and inverse trigonometric functions, perform logarithmic differentiation, and learn techniques of integration. Evaluating improper integrals, indeterminate forms using L'Hopital's Rule, and infinite series are also included as well as polar coordinates, curves, conic sections, parametric equations, and separable first-order differential equations.

Prerequisite: MATH-211 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: MATH 221

C-ID: MATH 900S

IGETC Area(s): 2A

CSU Area(s): B4

AA/AS General Education: AA/AS G

MATH-212H Honors Analytic Geometry and Calculus II
4 Units (LEC 64-72)

This course is the second in the Calculus sequence. Students will differentiate exponential, logarithmic, and inverse trigonometric functions, perform logarithmic differentiation, and learn techniques of integration. Evaluating improper integrals, indeterminate forms using L'Hopital's Rule, and infinite series are also included as well as polar coordinates, curves, conic sections, parametric equations, and separable first-order differential equations.

Prerequisite: Acceptance into the Honors Enrichment Program., MATH-211 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: MATH 221

C-ID: MATH 900S

IGETC Area(s): 2A

CSU Area(s): B4

AA/AS General Education: AA/AS G

MATH-213 Analytic Geometry and Calculus III
5 Units (LEC 80-90)

This course covers vectors in 2 and 3 dimensions, partial derivatives, multiple integrals, volumes and surface areas, line integrals, Green's and Stokes' Theorems.

Prerequisite: MATH-212 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: MATH 230

IGETC Area(s): 2A

CSU Area(s): B4

AA/AS General Education: AA/AS G

MATH-213H Honors Analytic Geometry and Calculus III
5 Units (LEC 80-90)

This course covers vectors in 2 and 3 dimensions, partial derivatives, multiple integrals, volumes and surface areas, line integrals, Green's and Stokes' Theorems.

Prerequisite: Acceptance into the Honors Enrichment Program., MATH-212 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: MATH 230

IGETC Area(s): 2A

CSU Area(s): B4

AA/AS General Education: AA/AS G

MATH-215 Differential Equations
4 Units (LEC 64-72)

This course is an introduction to differential equations. It introduces theoretical aspects of the differential equations as well as its applications in various disciplines such as engineering and life sciences. It explores existence of solutions, methods of solutions, Laplace transforms, and linear systems.

Prerequisite: MATH-212 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: MATH 240

IGETC Area(s): 2A

CSU Area(s): B4

AA/AS General Education: AA/AS G

MATH-215H Honors Differential Equations
4 Units (LEC 64-72)

This course is an introduction to differential equations. It introduces theoretical aspects of the differential equations as well as its applications in various disciplines such as engineering and life sciences. It explores existence of solutions, methods of solutions, Laplace transforms, and linear systems.

Prerequisite: Acceptance into the Honors Enrichment Program., MATH-212 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 2A

CSU Area(s): B4

AA/AS General Education: AA/AS G

MATH-218 Linear Algebra
3 Units (LEC 48-54)

This course covers matrix algebra, matrices and linear equations, determinants, vector spaces, linear transformations, quadratic forms, eigenvalues, eigenvectors, orthogonal matrices, and symmetric matrices. It also examines related topics and applications.

Prerequisite: MATH-211 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 2A

CSU Area(s): B4

MATH-299 Special Projects: Math
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study.

Prerequisite: Two Math classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.
 Transfers to CSU only

Medical Assisting (MA)

MA-122 Medical Ethics (formerly AH-122)
3 Units (LEC 48-54)

This course examines how laws affect medical professionals, medical offices, patients and the medical assistants who provide care in various industry settings. Students will examine, evaluate and analyze laws related to patient rights, intentional torts, negligence, and malpractice litigation. The course will alert the students of their rights, duties, and legal responsibilities within the context of their function as a member of the allied health care team. (formerly AH 122)

Transfers to CSU only

MA-772 Administrative Medical Assisting (formerly MA-072)
3 Units (LEC 48-54)

This class prepares students for employment in solo-practitioner, multi-physician, outpatient clinics, managed care facilities and other medical offices. Training will prepare students to perform basic administrative medical assisting functions; patient appointment scheduling, maintain medical records, basic procedural and diagnostic coding, utilize Allied Health technical supportive services and work as a member of a health care team. (formerly MA 072)

Not transferable

MA-773 Clinical Medical Assisting (formerly MA-073)
4 Units (LAB 48-54, LEC 48-54)

This class prepares students for employment in solo-practitioner, multi-physician, outpatient clinics, and other medical offices. Training prepares students to perform clinical medical assisting functions including taking patient histories, recording vital signs, preparing patients for examination, assisting with routine and specialty physical exams and minor office surgery, performing basic lab tests, collecting and preparing lab specimens, authorizing prescription refills as directed, administering medication, taking electrocardiogram, interviewing and documenting patient complaints, and performing CPR and first aid. (formerly MA 073)

Not transferable

MA-775 Medical Scribe
3 Units (LEC 48-54)

This course provides students with the knowledge and skills to develop accurate, timely charting of patient encounter, including but not limited to patient history, physical exams, diagnostic and laboratory tests results, procedures and diagnosis codes.

Not transferable

MA-776 Medical Billing and Coding
4 Units (LAB 48-54, LEC 48-54)

This course is designed to provide students with the knowledge and skills required to perform procedural and diagnostic coding and prepares the student to take the Certified Billing and Coding Specialists (CBCS) exam offered by the National Healthcareer Association (NHA). Students learn the fundamentals of medical billing and coding, major private and public insurance plans and electronic claims processing.

Not transferable

Music (MUS)

MUS-100 Introduction and Appreciation of Music
3 Units (LEC 48-54)

This course provides students with a survey of European music, tracing its development through the Middle Ages, Baroque, Classical, Romantic, and Contemporary eras. The purpose of the course is to cultivate an understanding of the basic elements of music and their combination into various forms, styles, and genres, while encouraging the appreciation of musical aesthetics and enjoyment of music from multiple historical periods.

Transfers to both UC/CSU

C-ID: MUS 100

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C

MUS-100H Honors Introduction and Appreciation of Music
3 Units (LEC 48-54)

This course provides students with a survey of European music, tracing its development through the Middle Ages, Baroque, Classical, Romantic, and Contemporary eras. The purpose of the course is to cultivate an understanding of the basic elements of music and their combination into various forms, styles, and genres, while encouraging the appreciation of musical aesthetics and enjoyment of music from multiple historical periods.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

C-ID: MUS 100

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C

MUS-101 Music Fundamentals
3 Units (LEC 48-54)

This course introduces the primary elements of music. It develops beginning-level skills in handwritten musical notation. Students will be introduced to the arrangement of the keyboard and musical staff, the basic properties of sound, intervals, diatonic scales and diatonic chords.

Transfers to both UC/CSU

C-ID: MUS 110

CSU Area(s): C1

AA/AS General Education: AA/AS C

MUS-103 Music Theory I
3 Units (LEC 48-54)

This course introduces and develops the basic concepts of music theory including rhythm and meter, basic properties of sound, intervals, diatonic scales and triads, diatonic chords, basic cadential formulas and phrase structures, the dominant seventh chord, figured bass symbols, and non-harmonic tones. Students develop fluency with the language of music and handwritten notation through guided composition and analysis.

Recommended Preparation: MUS-101 and concurrent enrollment in MUS-175 and concurrent enrollment in one of the following performing ensemble courses: MUS-201, MUS-203, MUS-205, MUS-206, MUS-210, MUS-211, MUS-212, or MUS-214 and concurrent enrollment in one of the following piano courses: MUS-111 or MUS-112.

Transfers to both UC/CSU

C-ID: MUS 120

CSU Area(s): C1

AA/AS General Education: AA/AS C

MUS-104 Music Theory II
3 Units (LEC 48-54)

This course builds upon the material learned in Music Theory I. The course will focus on an introduction to two-part counterpoint, four-part chorale voice leading, diatonic harmony, and an introduction to secondary harmonies and modulation.

Prerequisite: MUS-103 (with a grade of C or better).

Recommended Preparation: Concurrent enrollment in MUS-176 and concurrent enrollment in one of the following piano courses: MUS-111 or MUS-112 and concurrent enrollment in one of the following performance ensemble courses: MUS-201, MUS-203, MUS-205, MUS-206, MUS-210, MUS-211, MUS-212 or MUS-214.

Transfers to both UC/CSU

C-ID: MUS 130

CSU Area(s): C1

MUS-106 History of Rock & Roll
3 Units (LEC 48-54)

This course focuses upon the evolutionary development of Rock & Roll music from the 1950s to today and is designed to assist students in developing historical understanding, appreciation, and respect for Rock & Roll and related musical styles. Basic musical concepts will be discussed as will the contributions of Rock's innovators and artists.

Transfers to both UC/CSU

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C

MUS-107 Introduction and Appreciation of American Music
3 Units (LEC 48-54)

This course is a survey of American musical styles including jazz, popular, and art music from colonial days to the present. The purpose of the course is to develop knowledge of music history, an understanding of elements of music, and an aesthetic appreciation of various styles.

Transfers to both UC/CSU

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C

MUS-107H Honors Introduction and Appreciation of American Music
3 Units (LEC 48-54)

This course is a survey of American musical styles including jazz, popular, and art music from colonial days to the present. The purpose of the course is to develop knowledge of music history, an understanding of elements of music, and an aesthetic appreciation of various styles.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C

MUS-108 History of Jazz and Blues
3 Units (LEC 48-54)

This course assists students in developing an appreciation and respect for jazz and blues music as original American art forms. The focus is on the evolutionary development of the music and artists responsible for its creation. Students will gain an understanding of basic musical concepts, as well as the rich history of a uniquely American music.

Transfers to both UC/CSU

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C, AA/AS F

MUS-108H Honors History of Jazz and Blues
3 Units (LEC 48-54)

This course assists students in developing an appreciation and respect for jazz and blues music as original American art forms. The focus is on the evolutionary development of the music and artists responsible for its creation. Students will gain an understanding of basic musical concepts, as well as the rich history of a uniquely American music.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C, AA/AS F

MUS-109 World Music
3 Units (LEC 48-54)

This course explores the indigenous music of many cultures around the world. It is designed to assist students in developing an appreciation and respect for the cultures and music of Africa, China, Japan, Central Asia, India, Indonesia, Latin America, the Middle East, Eastern and Western Europe, Native America, and the Caribbean as well as American folk traditions. Students will develop basic skills in critical listening, analysis, and writing about music.

Transfers to both UC/CSU

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C, AA/AS F

MUS-111 Beginning Piano
1 Unit (LAB 48-54)

This course offers individual piano instruction to students who have little or no previous training. Students will develop basic piano technique, perform easy piano music, and learn basic concepts of music theory, including how to read musical notation.

Transfers to both UC/CSU

C-ID: MUS 170

Course Related Content Group: Keyboard Skills

MUS-112 Intermediate Piano
1 Unit (LAB 48-54)

This course builds on existing beginning piano technique. Students continue to develop piano technique, perform piano music at an intermediate level, and expand their knowledge of music theory.

Prerequisite: MUS-111 (with a grade of C or better) or demonstrate intermediate-level proficiency on piano by audition.

Transfers to both UC/CSU

C-ID: MUS-171

Course Related Content Group: Keyboard Skills

MUS-114 Jazz Improvisation
1 Unit (LAB 48-54)

This course introduces the basic concepts and techniques of music improvisation. Students learn to apply principles of jazz theory in real-time by performing improvised solos that are melodically, rhythmically, and harmonically appropriate.

Prerequisite: Demonstrate proficiency on a musical instrument by audition or interview.

Recommended Preparation: MUS-101 or MUS-103. If a student has not successfully completed MUS-103, it is recommended that they enroll in MUS-103 and take it the same semester as MUS-114.

Transfers to both UC/CSU

CSU Area(s): C1

MUS-115 Beginning Voice Class - Breath/Tone
2 Units (LAB 24-27, LEC 24-27)

This course is one part of a two-semester package of Beginning Voice Classes. The two may be taken in any order. This section focuses on breathing and support, tone production and resonance. Students learn about the physiology of good singing and learn to sing in group and solo settings.

Transfers to both UC/CSU

Course Related Content Group: Group Lessons

MUS-116 Beginning Voice Class - Diction and Expression
2 Units (LAB 24-27, LEC 24-27)

This course is one part of a two-semester package of Beginning Voice Classes. The two may be taken in any order. This section focuses on diction, style, and expression. Students learn about the physiology of healthy singing through both group and solo performance.

Transfers to both UC/CSU

Course Related Content Group: Group Lessons

MUS-118 Applied Music: Instrumental
0.5 Units (LAB 24-27)

This course provides individualized study on an instrument, developing appropriate techniques and repertoire through private instruction. Solo performance skills will be progressively developed, and students will be evaluated through a juried performance.

Prerequisite: Demonstrate proficiency on a musical instrument by audition and/or interview. Audition requirement may be satisfied by audition for enrollment in MUS-201, MUS-203, MUS-210, MUS-211, MUS-212, or MUS-214.

Recommended Preparation: Concurrent enrollment in an instrumental performance ensemble (MUS-201, MUS-203, MUS-210, MUS-211, MUS-212, MUS-214), an appropriate music theory course (MUS-103, MUS-104, MUS-253, MUS-254), an appropriate musicianship course (MUS-175, MUS-176, MUS-277, MUS-278), and a piano course (MUS-111 or MUS-112).

Transfers to both UC/CSU

C-ID: MUS 160

MUS-125 Guitar I
1 Unit (LAB 48-54)

This course offers individual guitar instruction to students who have little or no previous training. Students will develop basic guitar technique and learn basic concepts of music theory, including how to read musical notation. A variety of music styles are covered, including folk, blues, pop, rock, and beginning classical pieces.

Other Enrollment Criteria: The student must provide and maintain a classical or acoustic guitar for his or her own use for the duration of this course.

Transfers to CSU only

Course Related Content Group: Group Lessons

MUS-127 Guitar II
1 Unit (LAB 48-54)

This course builds on beginning guitar technique. Students develop skills to the intermediate level and learn music from a variety of genres that reinforces various techniques and left hand positions.

Prerequisite: MUS-125 (with a grade of C or better) or demonstrate intermediate-level proficiency on guitar by audition.

Other Enrollment Criteria: The student must provide and maintain a classical or acoustic guitar for his or her own use for the duration of this course.

Transfers to both UC/CSU

Course Related Content Group: Group Lessons

MUS-140 Beginning Studio Recording
3 Units (LEC 48-54)

This course offers instruction in the basic concepts of multi-track recording. Instruction includes an examination of basic acoustics, microphones, mixers, monitors, signal processors, and recording techniques. *Cross-listed as AUD-140.

Transfers to CSU only

CSU Area(s): C1

MUS-141 Intermediate Studio Recording
3 Units (LEC 48-54)

This course offers instruction in multitrack recording techniques, equalization, mixing, microphone techniques, Foley, signal processing, and 3-dimensional recording. *Cross-listed as AUD-141.

Prerequisite: MUS-140/AUD-140 and MUS-143/AUD-143 (with a grade of C or better).

Transfers to CSU only

CSU Area(s): C1

MUS-142 Advanced Studio Recording I
3 Units (LEC 48-54)

This course is the study of techniques used for audio-for-video and film. Study will include: multi-track recording, mixing, Foley, signal processing and ADR. *Cross-listed as AUD-142.

Prerequisite: MUS-141/AUD-141 (with a grade of C or better).

Transfers to CSU only

MUS-143 Pro Tools 101 (formerly Computer Audio Editing)
3 Units (LEC 48-54)

This course is the introduction to audio editing techniques using Avid's Pro Tools software. Students will learn interface layout and organization, editing tools, input/output routing, mix and editing windows, clip organization, and audio effects usage and hierarchy. This course is part of the Avid Learning Partnership standards for a Pro Tools, User-level certificate (This is a third-party certificate and not related to Mt San Jacinto College or the California Community Colleges Chancellor's Office) *Cross-listed as AUD-143.

Transfers to CSU only

MUS-145 Pro Tools 110 (formerly Midi & Computer Recording)
3 Units (LEC 48-54)

This course offers instruction based on Avid's Pro Tools software. Instruction includes expanded hardware and software configurations; an in-depth study of tools for manipulating and editing audio and MIDI data; and applying various set-up techniques to accommodate larger, sophisticated mixing situations. *Cross-listed as AUD-145.

Prerequisite: MUS-143/AUD-143 (with a grade of C or better).

Transfers to CSU only

MUS-147 The Music & Audio Business
3 Units (LEC 48-54)

This course acquaints students with business practices in the music and audio industries. Students taking this course will be educated in areas such as contracts, copyrights, publishing and industry trends. Other topics covered by this course include digital audio and music technologies such as streaming. *Cross-listed as AUD-147 and BADM-147.

Transfers to CSU only

MUS-151 Applied Music: Voice
0.5 Units (LAB 24-27)

This course provides individualized study of the appropriate techniques and repertoire for the voice through private instruction. Solo performance skills will be progressively developed, and students will be evaluated through a juried performance.

Prerequisite: Demonstrate proficiency by audition and/or interview. Audition requirement may be satisfied by audition for enrollment in MUS-205 or MUS-206.

Recommended Preparation: Concurrent enrollment in a vocal performance ensemble (MUS-205 or MUS-206), an appropriate music theory course (MUS-103, MUS-104, MUS-253, MUS-254), an appropriate musicianship course (MUS-175, MUS-176, MUS-277, MUS-278), and a piano course (MUS-111 or MUS-112).

Transfers to both UC/CSU

C-ID: MUS 160

MUS-175 Musicianship I
1 Unit (LAB 48-54)

This course applies and develops the rhythmic, melodic, and harmonic materials of Music Theory I through ear training, sight singing, analysis, and dictation. The course includes dictation of simple diatonic melodies, chords, basic rhythms, and singing of diatonic melodies.

Recommended Preparation: Concurrent enrollment in MUS-103 and concurrent enrollment in one of the following piano classes: MUS-111 or MUS-112.

Transfers to both UC/CSU

C-ID: MUS 125

MUS-176 Musicianship II
1 Unit (LAB 48-54)

This course applies and develops the rhythmic, melodic, and harmonic materials of Music Theory II through ear training, sight singing, analysis, and dictation. The course builds on the material of Musicianship I with more challenging melodies, rhythms, and dictation of chord progressions.

Prerequisite: MUS-175 (with a grade of C or better).

Recommended Preparation: Concurrent enrollment in MUS-104 and concurrent enrollment in one of the following piano classes: MUS-111 or MUS-112.

Transfers to both UC/CSU

C-ID: MUS 135

MUS-201 Orchestra
1 Unit (LBE 48-54)

This course is a conducted instrumental ensemble focused on the study, rehearsal and public performance of symphonic orchestral literature encompassing a variety of styles from various musical periods. Different repertoire will be chosen each semester as appropriate to the ensemble.

Prerequisite: Demonstrate proficiency on a musical instrument by audition and/or interview.

Transfers to both UC/CSU

C-ID: MUS 180

Course Related Content Group: Ensembles: Instrumental

MUS-203 Concert Band
1 Unit (LBE 48-54)

This course is a conducted musical ensemble for woodwind, brass, and percussion instrumentalists consisting of the study, rehearsal, and public performance of concert band literature with an emphasis on the development of skills needed to perform within an ensemble.

Prerequisite: Demonstrate proficiency on a musical instrument by audition and/or interview.

Transfers to both UC/CSU

C-ID: MUS 180

Course Related Content Group: Ensembles: Instrumental

MUS-205 College Singers
1 Unit (LBE 48-54)

This course is a collegiate choral ensemble that rehearses and performs choral music from a range of musical styles, centered on traditional literature from the Renaissance through Twentieth Century, and also including multi-cultural folk songs and select arrangements from Music Theater and Contemporary songs. The choir performs each semester, both on and off campus, including providing opportunities for solo and small ensemble singing.

Prerequisite: Demonstrate singing proficiency by audition and/or interview.

Transfers to both UC/CSU

C-ID: MUS 180

Course Related Content Group: Ensembles: Vocal

MUS-206 Chamber Choir
1 Unit (LBE 48-54)

This course provides vocal performance experience for singers who have previous choral experience. The literature will be more challenging than in MUS-205 and singers are expected to learn quickly and to be able to memorize music for performance. Music of all styles and practices is performed requiring a variety of vocal performance techniques. The Chamber Choir also may join with other college ensembles, both choral and instrumental, for performances both on and off campus.

Prerequisite: Demonstrate singing proficiency by audition and/or interview. Student must be able to match pitch and sing in tune.

Transfers to both UC/CSU

C-ID: MUS 180

Course Related Content Group: Ensembles: Vocal

MUS-210 Jazz Ensemble I
1 Unit (LBE 48-54)

This course is a collegiate jazz big band that rehearses and performs jazz ensemble music in a diverse range of traditional and modern musical styles. The ensemble performs every semester, both on and off campus.

Prerequisite: Demonstrate proficiency on a musical instrument by audition or interview.

Transfers to both UC/CSU

C-ID: MUS 180

Course Related Content Group: Ensembles: Jazz

MUS-211 Jazz Ensemble II
1 Unit (LBE 48-54)

This course is a collegiate jazz ensemble that facilitates the study of jazz performance at an advanced-intermediate level. Jazz music in a variety of historical and modern styles is explored in both large and combo-sized ensembles, with a particular emphasis on developing improvisation and ensemble leadership skills. The ensemble performs each semester, both on and off campus, and may also join with other college ensembles or performers.

Prerequisite: Demonstrate proficiency on a musical instrument by audition and/or interview.

Transfers to both UC/CSU

C-ID: MUS 180

Course Related Content Group: Ensembles: Jazz

MUS-212 Instrumental Chamber Music
1 Unit (LAB 48-54)

This course is an instrumental ensemble providing for the study, rehearsal, and public performance of instrumental chamber ensemble literature in a small group setting with an emphasis on the development of skills needed to perform within an ensemble. Different literature will be studied each semester as appropriate to the ensemble.

Prerequisite: Demonstrate proficiency on a musical instrument by audition and/or interview

Transfers to CSU only

C-ID: MUS 180

Course Related Content Group: Ensembles: Instrumental

MUS-214 Guitar Ensemble
1 Unit (LAB 48-54)

This course is a study of classical guitar technique and performance practice within an ensemble. Various genres of music will be explored through group work, masterclasses and concerts designed to promote the awareness of the guitar through group participation.

Prerequisite: MUS-125 (with a grade of C or better) or audition.

Other Enrollment Criteria: The student must provide and maintain a classical or acoustic guitar for his or her use for the duration of this course.

Transfers to CSU only

Course Related Content Group: Ensembles: Instrumental

MUS-216 Musical Theater Production: Music
1-3 Unit (LAB 144-162)

This course is designed for the presentation of a musical. Students develop rehearsal and performance skills in the areas of singing, stage movement and acting, with an emphasis on developing singing/musical technique.

Prerequisite: By audition and/or interview.

Transfers to both UC/CSU

Course Related Content Group: Musical Theater Production

MUS-253 Music Theory III
3 Units (LEC 48-54)

This course builds upon the material learned in Music Theory II. Students continue analyzing and writing progressively advanced music. Harmonic content extends to chromatic harmony, secondary chords, modulation, borrowed chords, and Neapolitan and augmented-sixth chords.

Prerequisite: MUS-104 (with a grade of C or better).

Recommended Preparation: Concurrent enrollment in MUS-277 and concurrent enrollment in one of the following piano classes: MUS-111 or MUS-112 and concurrent enrollment in one of the following performance ensemble courses: MUS-201, MUS-203, MUS-205, MUS-206, MUS-210, MUS-211, MUS-212, or MUS-214.

Transfers to both UC/CSU

C-ID: MUS 140

CSU Area(s): C1

MUS-254 Music Theory IV
3 Units (LEC 48-54)

This course builds upon the material learned in MUS 253. It introduces post-Romantic and 20th century techniques through composition and analysis. Topics include borrowed chords and modal mixture; chromatic mediants; Neapolitan and augmented sixth chords; 9th, 11th, and 13th, chords; altered chords and dominants; Impressionism; tone rows; set theory; pandiatonicism and polytonalism; and advanced approaches to meter and rhythm.

Prerequisite: MUS-253 (with a grade of C or better).

Recommended Preparation: Concurrent enrollment MUS-278 and concurrent enrollment in one of the following piano courses: MUS-111 or MUS-112 and concurrent enrollment in one of the following performance ensemble courses: MUS-201, MUS-203, MUS-205, MUS-206, MUS-210, MUS-211, MUS-212, or MUS-214.

Transfers to both UC/CSU

C-ID: MUS 150

MUS-277 Musicianship III (formerly MUS-177)
1 Unit (LAB 48-54)

This course applies and develops the rhythmic, melodic, and harmonic materials of Music Theory III through ear training, sight singing, analysis, and dictation. The course includes syncopation, triplet rhythms, and melodies and harmonies that incorporate close-key modulation and chromaticism. (formerly MUS 177)

Prerequisite: MUS-176 (with a grade of C or better).

Recommended Preparation: Concurrent enrollment in MUS-253 and concurrent enrollment in one of the following piano classes: MUS-111 or MUS-112.

Transfers to both UC/CSU

C-ID: MUS 145

MUS-278 Musicianship IV (formerly MUS-178)
1 Unit (LAB 48-54)

This course applies and develops the rhythmic, melodic, and harmonic materials of Music Theory IV through ear training, sight singing, analysis, and dictation. The course includes rhythms, melodies, and harmonies used in Romantic, Impressionist, Modal, and Twentieth-Century music. (formerly MUS 178)

Prerequisite: MUS-277 (with a grade of C or better).

Recommended Preparation: Concurrent enrollment in MUS-254 and concurrent enrollment in one of the following piano classes: MUS-111 or MUS-112.

Transfers to both UC/CSU

C-ID: MUS 155

MUS-299 Special Projects: Music
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Music classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

MUS-546 Recording Music and Live Sound (formerly MUS-146)
3 Units (LEC 48-54)

This course offers instruction in microphone techniques for vocals, acoustic musical instruments and electronic musical instruments. Students will also receive instruction in advanced mixdown techniques and in the use of public address systems as applied to live sound (concert and theater) situations. *Cross-listed as AUD-546. (formerly MUS 146)

Prerequisite: AUD-141/MUS-141 (with a grade of C or better).

Transfers to CSU only

Nursing (NURS)

NURS-194 Pharmacology & Dosage Calculations for Nurses
3.5 Units (LEC 56-63)

This course provides nursing students with a methodical approach for calculating medication dosages, selecting and administering drugs, and monitoring the patient's response to drug therapy. Content includes general principles of pharmacology, legal, ethical, and safety aspects of medication administration and drug calculations. Drug information includes pharmacotherapeutics, pharmacodynamics, pharmacokinetics, contraindications and precautions, adverse side effects and drug interactions. Also includes patient variables (health status, life span/ gender, diet, lifestyle/habits, environment, and culture in relationship to drug therapy).

Prerequisite: Acceptance in the Associate Degree Nursing Program.

Transfers to CSU only

NURS-212 Foundations of Nursing
4 Units (LEC 32-36, LBE 96-108)

This course provides an introduction to nursing and the roles of the nurse, the nursing process, critical thinking, knowledge, and basic skills necessary to administer beginning level assessment and intervention/procedure for adults. The emphasis is on health promotion in wellness settings. Clinical experiences will provide opportunities for students to participate in therapeutic activities in a variety of health settings that focus on health maintenance and promotion.

Prerequisite: Admission requirements to the RN program.

Corequisite: NURS-194.

Transfers to CSU only

NURS-214 Introduction to Medical-Surgical Nursing I
4 Units (LEC 32-36, LBE 96-108)

This course introduces concepts/practices relating the non-critical young adult through geriatric adult in the medical/surgical environment. Utilizing the nursing process, the student will begin to recognize alterations in functioning or illness and formulate age appropriate nursing interventions. Selected psychomotor skills associated with the basic needs, medication administration and intravenous therapy will be studied/practiced. This course introduces the first year nursing student to concepts and practices relating to the adult patient in the Medical/Surgical environment.

Prerequisite: NURS-212 (with a grade of C or better).

Corequisite: NURS-194.

Transfers to CSU only

NURS-222 Nursing Care of Children & Families
3.5 Units (LEC 32-36, LBE 72-81)

This course focuses on the integration and application of the nursing process as it relates to the nursing care of children and their families. Emphasis is on the concepts and skills related to age-appropriate family centered care.

Prerequisite: Admission to the Associate Degree Nursing Program.

Transfers to CSU only

NURS-224 Beginning Medical-Surgical Nursing II
5 Units (LEC 40-45, LBE 120-135)

This course develops the first year nursing student's knowledge and skills as they relate to the adult non-critical, moderately complex medical/surgical patient. Through utilization of the nursing process, the student will recognize alterations in functioning or illness and formulate age-appropriate nursing interventions. Psychomotor skills associated with moderately complex needs, medication administration and intravenous therapy will be studied and practiced. The impact of multiple nursing diagnoses on patient outcomes will be introduced.

Prerequisite: NURS-214 (with a grade of C or better).

Transfers to CSU only

NURS-226 Nursing of Childbearing & Families
3.5 Units (LEC 32-36, LBE 72-81)

This course will enable the student to obtain knowledge and skills necessary to provide safe, effective, culturally sensitive physiological and psychosocial care using the nursing process and family centered approach for childbearing clients and their families. Clinical experiences emphasizes refinement of critical thinking, decision making, psychomotor skills and management of care for evidence based practice in the roles of professional nursing.

Prerequisite: Admission to the Associate Degree Nursing Program.

Transfers to CSU only

NURS-232 Role Transition
3 Units (LEC 32-36, LBE 48-54)

This course is an advanced placement (bridge) course for the LVN to RN student who will be transitioning into the third semester of the Associate Degree Nursing Program. The course will focus on the theory and application of concepts of physical assessment, the nursing process, critical thinking, relationship of homeostatic mechanisms to fluids and electrolytes and nursing competencies in the professional roles of clinician, teacher, leader, and advocate.

Prerequisite: Admission to the Associate Degree Nursing Program and Licensed Vocational Nurse.

Corequisite: NURS-572.

Transfers to CSU only

NURS-234 Intermediate Medical-Surgical Nursing III
5 Units (LEC 40-45, LBE 120-135)

This course will synthesize and correlate nursing knowledge and skills in providing care to multiple patients who have complex, multi-system illnesses. Focus will be for the students to predict patient needs and priorities, and evaluate outcomes on care. Associated psychomotor skills will be integrated and practiced.

Prerequisite: NURS-224 or NURS-232 (with a grade of C or better).

Transfers to CSU only

NURS-236 Mental Health Nursing
3 Units (LEC 24-27, LBE 72-81)

This course provides an introduction to Mental Health Nursing using the nursing process to promote psychosocial integrity within the context of the health illness continuum across the life span. Emphasis is on therapeutic interactions and communications, biopsychosocial, rehabilitation and therapeutic use of self. Clinical experiences will provide opportunities for students to participate in therapeutic activities in a variety of mental health settings.

Prerequisite: Admission to the Associate Degree in Nursing Program or the LVN-RN Transition Program or the 30 Unit Option Program.

Transfers to CSU only

NURS-238 Gerontology and Community Nursing
2 Units (LEC 16-18, LBE 48-54)

This course builds on previous knowledge and skills in applying the nursing process to older adults living in the community. Gerontological nursing theory is stressed with emphasis on lifestyle and physical changes that occur with aging, the process of initiating health referrals for the older adult, and the outcome criteria for evaluating the aging individual's response to teaching and learning. The student will also explore interventions to increase the older adult's functional abilities.

Prerequisite: Admission to the Associate Degree Nursing Program or LVN-RN Transition Program or 30-Unit Option Program.
Transfers to CSU only

NURS-244 Advanced Medical-Surgical Nursing IV
4 Units (LEC 32-36, LBE 96-108)

This course focuses on advanced application of the nursing process in the care of critically ill adult and geriatric patients. The student will organize and discriminate data to establish priorities of care. Correlated clinical experiences emphasize refinement of clinical decision making, psychomotor skills and management of patient care in professional nursing practice.

Prerequisite: NURS-234 (with a grade of C or better).
Transfers to CSU only

NURS-248 Preceptorship
2.5 Units (LBE 120-135)

This course provides the senior nursing student the opportunity to integrate and apply previously learned skills/knowledge in the role of graduate nurse and prepare for professional responsibilities in employment. The student will participate as a pre-licensed preceptee member of the healthcare team and assume responsibility for a group of clients under the direct supervision of a qualified registered nurse. Students use critical thinking skills in their role of advocate, leader, and manager of patient care.

Prerequisite: NURS-244 (with a grade of C or better).
Transfers to CSU only

NURS-571 Foundations of Nursing Skills Lab (formerly NURS-071)
0.5 Units (LAB 24-27)

This course introduces students to the foundation of nursing psychomotor skills and simulation of a patient care environment. Basic safety and the nursing process are introduced. Offered as pass/no pass only. (formerly NURS 071)

Prerequisite: Admission to the Associate Degree Nursing Program.
Transfers to CSU only

NURS-572 Basic Medical Surgical Nursing Skills Lab (formerly NURS-072)
0.5 Units (LAB 24-27)

This course develops basic psychomotor nursing skill performance in a simulated patient care environment. Psychomotor nursing skills will be applied to simulated patients with non-critical, moderately complex disease processes and co-morbidities. Offered as pass/no pass only. (formerly NURS 072)

Prerequisite: Admission to the Associate Degree Nursing Program or NURS-571.
Transfers to CSU only

NURS-573 Intermediate Nursing Skills Lab (formerly NURS-073)
0.5 Units (LAB 24-27)

This course examines the second year nursing student's application of intermediate nursing skill performance in a simulated patient care environment. Psychomotor nursing skills and the nursing process will be applied to simulated patients with complex, multi-system disease process. Offered as pass/no pass only. (formerly NURS 073)

Prerequisite: Admission to Associate Degree Nursing program or NURS-572.
Transfers to CSU only

NURS-574 Advanced Nursing Skills Lab (formerly NURS-074)
0.5 Units (LAB 24-27)

This is focused on the application of the advanced psychomotor skills and the nursing process in the care of critically ill patients and geriatric patients. Offered as pass/no pass only. (formerly NURS 074)

Prerequisite: NURS-573.
Transfers to CSU only

NURS-584 Nursing Skills Lab - Certified Nursing Assistant (formerly NURS-084A)
0.5 Units (LAB 24-27)

This course provides the opportunity for students enrolled in skill-based certified nursing program to practice and master skills necessary for safe patient care. Materials used include practice medical supplies, equipment models, manikins, multimedia, computer-based instruction and clinical supervision. Offered as pass/no pass only. (formerly NURS 084A)

Corequisite: NURS-585.
Transfers to CSU only

NURS-585 Certified Nursing Assistant (formerly NURS-085)
6 Units (LAB 96-108, LEC 64-72)

This course provides training in fundamental nursing skills and theory. The course is designed to meet department of health curriculum requirements while preparing the student for the state examination in nurse assistant certification. The course includes both theory and clinical training. (formerly NURS 085)

Corequisite: NURS-584.

Other Enrollment Criteria: Admission to the class is pending successful completion of Department of Justice fingerprint clearance, current level C CPR card, proof of negative TB skin test and a physician certificate of adequate physical health for enrollment.

Transfers to CSU only

NURS-586 Home Health Aide (formerly NURS-086)
2 Units (LAB 24-27, LEC 24-27)

Home Health Aides work in a variety of health care settings, but are found predominantly in the field of home care. The general topics of study include medical and psychosocial needs of clients, personal care services, and nutritional requirements in home settings. Clinical sites vary each semester. (formerly NURS 086)

Prerequisite: Must have a current CNA (certified nursing assistant) license.

Other Enrollment Criteria: State mandated health and security checks.
Transfers to CSU only

Nutrition (NUTR)

NUTR-100 Family Nutrition 3 Units (LEC 48-54)

This course covers basic principles of nutrition. It includes the study of the essential nutrients, food labels, meal planning, dietary considerations for various stages of life, dietary recommendations for disease prevention, and weight control methods.

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS B2, AA/AS E

NUTR-100H Honors Family Nutrition 3 Units (LEC 48-54)

This course covers basic principles of nutrition. It includes the study of the essential nutrients, food labels, meal planning, dietary considerations for various stages of life, dietary recommendations for disease prevention, and weight control methods.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS B2, AA/AS E

NUTR-101 Introduction to Nutrition Science (formerly Nutrition and Foods) 3 Units (LEC 48-54)

This course examines the science of nutrition. The course develops the student's understanding of digestion, absorption, and metabolism of the macro and micro nutrients and the role they play in dietary intervention of various disease states. This course also explores the role of nutrition throughout the life span and the effects of exercise on overall wellness.

Recommended Preparation: ENGL-101.

Transfers to CSU only

C-ID: NUTR 110

CSU Area(s): E1

AA/AS General Education: AA/AS A, AA/AS E

NUTR-101H Honors Introduction to Nutrition Science (formerly Nutrition and Foods) 3 Units (LEC 48-54)

This course examines the science of nutrition. The course develops the student's understanding of digestion, absorption, and metabolism of the macro and micro nutrients and the role they play in dietary intervention of various disease states. This course also explores the role of nutrition throughout the life span and the effects of exercise on overall wellness.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101.

Transfers to CSU only

CSU Area(s): E1

AA/AS General Education: AA/AS A, AA/AS E

NUTR-124 Principles of Foods with Lab 3 Units (LAB 96-108, LEC 16-18)

This course covers basic knowledge and application of food science principles and food preparation techniques. Topics include ingredient function and interaction, technique and production standards, sensory evaluation standards, food safety and sanitation, and nutrient composition of food.

Transfers to both UC/CSU

NUTR-299 Special Projects: Nutrition 1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Nutrition classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

Office Technology (OTEC)

OTEC-500 Keyboarding and Document Formatting (formerly OTEC-090) 3 Units (LEC 48-54)

This course teaches keyboarding by touch to develop speed and accuracy and basic formatting skills necessary to produce letters, memorandums, reports and tables. (formerly OTEC 090)

Transfers to CSU only

OTEC-505 Office Procedures and Systems (formerly OTEC-098) 3 Units (LEC 48-54)

This course provides students with the foundation to be a proactive and ethical administrative professional. The course is designed to prepare the student to develop a professional image, provide value as a team member, and exhibit ethical behaviors in an office environment to move work product to completion. (formerly OTEC 098)

Transfers to CSU only

Philosophy (PHIL)

PHIL-101 Introduction to Philosophy I 3 Units (LEC 48-54)

This course introduces philosophical ideas and methods concerning knowledge, and the nature of reality. Other topics that may be examined from a philosophical perspective include the nature of the self, truth, ethics, religion, science, language, beauty and art, political theory, or mind.

Transfers to both UC/CSU

C-ID: PHIL 100

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

PHIL-101H Honors Introduction to Philosophy I
3 Units (LEC 48-54)

This course introduces philosophical ideas and methods concerning knowledge, and the nature of reality. Other topics that may be examined from a philosophical perspective include the nature of the self, truth, ethics, religion, science, language, beauty and art, political theory, or mind.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

C-ID: PHIL 100

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

PHIL-103 Logic
3 Units (LEC 48-54)

This course emphasizes the study of formal deductive logic with minor treatment of inductive and informal logic. Students will study Aristotelian Logic- Modern Deductive Logic and Quantification. The focus will be on the analysis and critique of valid and invalid argument forms, proofs of validity, soundness, rules of inference, logical puzzles, diagramming arguments and Venn diagrams. The course will stress the critical analysis of arguments and critical reasoning skills.

Transfers to both UC/CSU

C-ID: PHIL 110

CSU Area(s): A3

AA/AS General Education: AA/AS D2

PHIL-105 Introduction to Ethics
3 Units (LEC 48-54)

This course introduces the students to basic ethical writings from the ancients to the present. Studies include free will and determinism, good and evil, the concepts of right and wrong, relativism, and moral obligations to others. Contemporary moral issues will also be covered. Some of the philosophers studied are Plato, Immanuel Kant, David Hume, Friedrich Nietzsche, Jean Paul Sartre, Peter Singer, and James Rachels.

Transfers to both UC/CSU

C-ID: PHIL 120

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

PHIL-109 Ancient and Medieval Philosophy
3 Units (LEC 48-54)

This course is a critical study of the origin and development of major philosophical views from the period of the ancient Greeks and Romans and continuing through the Middle Ages with special emphasis on the pre-Socratics, Plato, Aristotle, Epicurus, St. Augustine, Boethius, St. Anselm, St. Bonaventure and St. Thomas.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: PHIL 130

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

PHIL-110 Modern and Contemporary Philosophy (formerly Renaissance and Modern Philosophy)
3 Units (LEC 48-54)

This course studies the philosophic systems and ideas, beginning around 1500, from the modern period and into the present age with an emphasis on the modern period (Descartes through Kant). Philosophers that may be studied include Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant. Some attention should be given to post-Kantian philosophy.

Recommended Preparation: Eligibility for ENGL-101.

Transfers to both UC/CSU

C-ID: PHIL 140

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

PHIL-112 Critical Thinking and Composition
3 Units (LEC 48-54)

This course offers instruction in argumentation and critical writing, critical thinking, analytical evaluation of texts, research strategies, information literacy, and proper documentation.

Prerequisite: ENGL-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 1B

CSU Area(s): A3

AA/AS General Education: AA/AS D2

PHIL-299 Special Projects: Philosophy
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Philosophy classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

Photography (PHOT)

PHOT-125 Digital Photography Production I
3 Units (LEC 48-54)

This course provides practical, technical, critical and creative instruction in digital photographic theory and workflow. It covers fundamental photographic principles, theory and exposure essentials, referencing digital, and emerging tools like mirrorless and computational capture. Coursework is project-based and immersive. Students will acquire skill sets pertaining to the digital paradigm that will allow them to master acquisition, manipulation, and digital output to current professional industry standards.

Recommended Preparation: DIG-110.

Transfers to both UC/CSU

PHOT-299 Special Projects: Photography
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: PHOT-125, PHOT-524, and PHOT-525 (with a grade of C or better). A contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

PHOT-524 Digital Photography Production II (formerly PHOT-224)
3 Units (LEC 48-54)

This course is designed to elevate the intermediate student to a professional level. Digital skill sets include Metadata-driven digital asset management and raw workflow, advanced compositing strategies and special effects, studio lighting fundamentals and theory regarding portrait and still life/product photography, photographic criticism and peer competition. (formerly PHOT 224)

Prerequisite: PHOT-125 (with a grade of C or better).

Transfers to CSU only

PHOT-525 Digital Photography Production III (formerly PHOT-225)
3 Units (LEC 48-54)

This course provides advanced training in photography. Students will have extensive studio, field and software challenges designed to build a professional digital portfolio. Skill sets in advanced digital archiving, post processing, lighting and output are explored. Students will have increased access to the digital imaging studios intended for intensive production work. High quality and high-resolution industry-standard tools are provided to offer practical hands-on experience in image production within the digital paradigm. (formerly PHOT 225)

Prerequisite: PHOT-524 (with a grade of C or better).

Transfers to CSU only

PHOT-530 History of Still Photography (formerly PHOT-130)
3 Units (LEC 48-54)

The History of Still Photography offers a comprehensive exploration of the historical progression of fixing a still image, that is to say writing with light. This course starts in ancient times with naturally occurring images, and moves through advances in optics and chemical processes. It then moves through the prolific period of traditional Black and White photography and then covers the birth and advancements of the digital light sensor and its possibilities for the future. (formerly PHOT 130)

Transfers to CSU only

AA/AS General Education: AA/AS C

PHOT-549 Cooperative Work Experience: Photography (formerly PHOT-149)

0.5-8 Units CWE Paid 37.5-600/Non-paid 30-480

This course is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the students' educational or occupational goal (Title 5 section 55252). Students may earn a maximum of (8) semester credit hours during one enrollment period. Students may earn up to a total of 16 semester credit hours for all Cooperative Work Experience Education. Offered as pass/no pass only. (formerly PHOT 149)

Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. A training agreement must be completed prior to registration. Please refer to the Cooperative Work Experience Student Handbook for specific information. Transfers to CSU only

PHOT-790 Digital Imaging Studio Laboratory (formerly PHOT-090)
1 Unit (LAB 48-54)

This lab course makes the Digital Light Room and Digital imaging studio available to intermediate and advanced digital photography students. Students enroll in this lab to be eligible to reserve the Digital Studio to produce project work assigned throughout the photography program. The studio is available to students who have successfully completed the beginning photography course. Students enrolled in this lab must also be concurrently enrolled in the intermediate course or the advanced course. (formerly PHOT 090)

Prerequisite: PHOT-125 (with a grade of C or better).

Corequisite: PHOT-524 or PHOT-525.

Not transferable

PHOT-791 Professional Production Studio Laboratory (formerly PHOT-091)
1 Unit (LAB 48-54)

This advanced lab course makes the Digital Light Room and Digital imaging studio available to advanced digital photography students who have completed Digital Photography Production III and seek professional-level photographic challenges in the studio and on location. Students enroll in this course to be eligible to reserve the Digital Studio to produce project work assigned in this production lab. (formerly PHOT 091)

Prerequisite: PHOT-525 (with a grade of C or better).

Not transferable

Physical Ed (PE)

PE-106 Sports Officiating
3 Units (LEC 48-54)

This course presents the theory and techniques used in officiating organized sports. The practice of these techniques within a game situation is also emphasized.

Transfers to both UC/CSU

PE-110 Prevention and Care of Athletic Injuries
3 Units (LEC 48-54)

This course introduces the Athletic Training profession and the methods and techniques for the prevention and treatment of sports-related injuries through the study of human anatomy and function with particular respect to muscle and joint anatomy, bio-mechanics, exercise physiology and the care of sports-related injuries. This course focuses on injury prevention, evaluation, management, and rehabilitation, as well as professional development.

Transfers to both UC/CSU
AA/AS General Education: AA/AS E

PE-112 Body Conditioning
1 Unit (LAB 48-54)

This course provides a series of activities designed to establish a life-long physical fitness program which includes cardio-respiratory endurance, strength endurance, and flexibility. The types of exercises may include the following: walking, jogging, jumping rope, strength training, stretching, and callisthenic exercises.

Transfers to both UC/CSU
CSU Area(s): E1
AA/AS General Education: AA/AS E

PE-112A Step Aerobics & Circuit Training (formerly Beginning Step Aerobics)
1 Unit (LAB 48-54)

This course is designed to provide the students the opportunity to learn basic step aerobics routines and resistance training designed to target fat loss, increase muscular strength and endurance, improve cardiovascular endurance and flexibility. The student will benefit from comprehensive weight training and cardiovascular endurance activities. Proper warm up and cool down, intensity monitoring, and fitness testing and evaluation for aerobic exercise will be included.

Transfers to both UC/CSU
CSU Area(s): E1
AA/AS General Education: AA/AS E

PE-113 Introduction to Jogging (formerly Jogging)
1 Unit (LAB 48-54)

This course is designed to teach students the correct way to jog and experience the fitness activity of jogging. Included in this course is information on equipment, proper techniques and mechanics of jogging, training and conditioning principles, injury prevention and how to develop and implement a personal jogging program.

Transfers to both UC/CSU
CSU Area(s): E1
AA/AS General Education: AA/AS E

PE-114A Strength Training: Circuit
1 Unit (LAB 48-54)

This course is a combination of high-intensity aerobics and resistance training designed to target fat loss, increase muscular strength and endurance, improve cardiovascular endurance and flexibility. Training sessions involve moving from one weight machine to an aerobic station. Proper safety precautions will be introduced and implemented throughout this course.

Transfers to both UC/CSU
CSU Area(s): E1
AA/AS General Education: AA/AS E
Course Related Content Group: Weight Training

PE-114B Strength Training: Free Weights
1 Unit (LAB 48-54)

This course will provide instruction on the proper exercises and techniques used in free weight exercises. Opportunities will be provided to develop a personalized weight training program that will incorporate daily record keeping, evaluation, and measurement. Increased flexibility and improved cardiovascular fitness will also be assessed.

Transfers to both UC/CSU
CSU Area(s): E1
AA/AS General Education: AA/AS E
Course Related Content Group: Weight Training

PE-114C Powerlifting
1 Unit (LAB 48-54)

This course introduces basic weight training principles specifically used for powerlifting. Students will be instructed in the proper protocols to successfully execute basic explosive and powerlifting exercises. Nutritional factors related to strength and fitness performance will be identified and applied to the individual needs of each student. Daily record keeping- evaluation and measurement will be implemented to ensure success in meeting course objectives.

Transfers to both UC/CSU
CSU Area(s): E1
AA/AS General Education: AA/AS E
Course Related Content Group: Weight Training

PE-115 First Aid and CPR
3 Units (LEC 48-54)

This course is designed to teach students basic first-aid knowledge and techniques that apply to first on-scene emergency situations. The course also prepares and certifies students to administer CPR (Cardiopulmonary Resuscitation) to adults, children, and infants.

Transfers to both UC/CSU
AA/AS General Education: AA/AS E

PE-116 Introduction to Softball (formerly Introduction to Athletic Techniques: Softball)
1 Unit (LAB 48-54)

This course is an introduction to the fundamentals of softball which will include rules, etiquette, skill development and strategies.

Transfers to CSU only
AA/AS General Education: AA/AS E

PE-119 Exercise Walking
1 Unit (LAB 48-54)

This course will provide students the opportunity to participate using the number one exercise in the United States - Exercise walking. This course will produce improved aerobic capacities, health and fitness levels, and gain updated knowledge regarding health, fitness and nutrition.

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS E

PE-119B Intermediate Fitness Walking
2 Units (LAB 48-54, LEC 16-18)

This course will provide students the opportunity to participate using the number-one exercise in the United States - exercise walking. This course will incorporate intermediate walking fitness skills that will improve aerobic capacities and strength endurance by using faster paced walking techniques. Other components include nutritional evaluation, target heart rate zones, flexibility and body fat composition.

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS E

PE-120 Beginning Yoga
1 Unit (LAB 48-54)

This course will introduce students to the fundamentals of yoga. Students will practice various poses (asanas) to develop balance, flexibility, and strength. Students will explore controlled breathing techniques to increase focus and concentration. Yoga will enable students to challenge both their body and mind.

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS E

PE-126 Sport Psychology
3 Units (LEC 48-54)

This course will examine the Psychological Dimensions of Sport and Exercise Performance. Topics will include motivation, personality, emotions and mood as they relate to individual and group sports. Social psychology of sport and cognitive and behavioral interventions will also be discussed. Relevant and current literature in the field will be used to support concepts.

Transfers to both UC/CSU

IGETC Area(s): 4I

CSU Area(s): D9, E1

AA/AS General Education: AA/AS B2

PE-132 Beginning Tennis
1 Unit (LAB 48-54)

This course introduces the official singles and doubles games at the beginning level. Introductory instruction and opportunities for students to develop and improve their skills in tennis and knowledge of stroke production, terminology, rules, etiquette, strategy, mental toughness and match play.

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS E

Course Related Content Group: Tennis

PE-132B Intermediate Tennis
1 Unit (LAB 48-54)

This course is designed for students having some tennis playing experience. Course content includes review and continued development of basic ground strokes for improved power and control, service and service-return, net/midcourt volleys, smashes and lobs. Offensive and defensive tactics will be introduced for singles and doubles play. Students will participate in frequent matches.

Prerequisite: PE-132 (with a grade of C or better) or instructor consent through the demonstration of the basic skills and knowledge of tennis.
 Transfers to both UC/CSU

Course Related Content Group: Tennis

PE-133 Individual and Group Sports: Basketball
1 Unit (LAB 48-54)

This course will introduce students to the rules and techniques of basketball. Students will participate in drills that will develop agility, fitness and technique.

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS E

Course Related Content Group: Basketball

PE-134 Introduction to Volleyball
1 Unit (LAB 48-54)

This course is an introduction to the fundamentals of volleyball which will include rules, etiquette, skill development and strategies.

Transfers to both UC/CSU

AA/AS General Education: AA/AS E

PE-137 Individual and Group Sports: Soccer
1 Unit (LAB 48-54)

This course is a co-educational soccer class designed to develop physical fitness, soccer skill performance, player confidence, rule interpretation, comprehension of strategy and field communication.

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS E

PE-183 Self-Defense
1 Unit (LAB 48-54)

This course provides instruction in developing both physical and cognitive skills in personal safety and self-protection. Through different forms of martial arts training, students will practice both defensive and offensive moves against various forms of attacks, including weapons. Proficiency in the practical, effective, and tactical use of movement, leverage, strikes, and use of everyday objects.

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS E

PE-195 Introduction to Kinesiology
3 Units (LEC 48-54)

This course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology will be discussed along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions.

Transfers to CSU only

C-ID: KIN 100

AA/AS General Education: AA/AS E

PE-299 Special Projects: Physical Education
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Physical Education classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

Physical Ed/Intercollegiate (PEIC)

PEIC-139 Intercollegiate Sports: Soccer (Women)
3 Units (LAB 144-162)

This course is for students who have had significant training in soccer and want to pursue their college and athletic careers through competition with other community colleges. The primary focus is on intercollegiate competition, rigorously intense preparation in fitness and the development and refinement of soccer skills and techniques. Students will participate in college sponsored athletic competitions throughout this course. Enrollment does not automatically use a semester of eligibility.

Prerequisite: Students planning and preparing to compete in intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

PEIC-139A Pre-Season Athletics: Soccer (Women)
1-3 Unit (LAB 144-162)

This course is designed for pre-season soccer conditioning for intercollegiate athletes, including strength training, cardiovascular conditioning, drill techniques, and game play in preparation for Intercollegiate competition. Students who repeat this course will improve soccer skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

CSU Area(s): E1

PEIC-139B Off-Season Athletics: Soccer (Women)
1-3 Unit (LAB 144-162)

This course is intended for off-season soccer conditioning, including: strength training, cardiovascular conditioning, drill techniques, and game play in preparation for intercollegiate soccer competition. Students who repeat this course will improve skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

CSU Area(s): E1

PEIC-140 Intercollegiate Sports: Football (Men)
3 Units (LAB 144-162)

This course is for students who have had significant training in football and want to pursue their college and athletic careers through competition with other community colleges. The primary focus is on intercollegiate competition. Students will participate in college sponsored athletic competitions throughout the course. Enrollment does not automatically use a semester of eligibility.

Prerequisite: Students planning and preparing to compete in intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

PEIC-140A Pre-Season Athletics: Football (Men)
1-3 Unit (LAB 144-162)

This course is designed for pre-season football conditioning for intercollegiate athletes, including: strength training, cardiovascular conditioning, drill techniques, and game play in preparation for Intercollegiate competition. Students who repeat this course will improve skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

CSU Area(s): E1

PEIC-140B Off-Season Athletics: Football (Men)
1-3 Unit (LAB 144-162)

This course is intended for off-season football conditioning, including strength training, cardiovascular conditioning, drill techniques, and game play in preparation for intercollegiate competition. Students who repeat this course will improve skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

CSU Area(s): E1

PEIC-141A Intercollegiate Sports: Basketball (Men) Pre-Conference Competition**1.5 Unit (LAB 72-81)**

This course is intended for members of the intercollegiate men's basketball team. This course is the first in a two part series covering key components of basketball training, including development of core basketball skills and strategies for competitive basketball.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.
Transfers to both UC/CSU

PEIC-141B Intercollegiate Sports: Basketball (Men) Conference and Post-Conference Competition**1.5 Unit (LAB 72-81)**

This course is intended for members of the intercollegiate basketball team. This course is the second in a two part series covering key components of basketball training, including further development and implementation of strategies for competitive basketball.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.
Transfers to both UC/CSU

PEIC-141C Pre-Season Athletics: Basketball (Men)**1-3 Unit (LAB 144-162)**

This course is designed for pre-season basketball conditioning for intercollegiate athletes, including strength training, cardiovascular conditioning, drill techniques, and game play in preparation for Intercollegiate competition. Students who repeat this course will improve basketball skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.
Transfers to both UC/CSU

CSU Area(s): E1**PEIC-141D Off-Season Athletics: Basketball (Men)****1-3 Unit (LAB 144-162)**

This course is intended for off-season basketball conditioning, including strength training, cardiovascular conditioning, drill techniques, and game play in preparation for Intercollegiate basketball competition. Students who repeat this course will improve skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.
Transfers to both UC/CSU

CSU Area(s): E1**PEIC-142 Intercollegiate Sports: Volleyball (Women)****3 Units (LAB 144-162)**

This course is intended for members of the Women's Intercollegiate Volleyball Team. The course will provide instruction in components of training, developing, and conditioning related to the skills and techniques required for intercollegiate volleyball. Students who repeat this course will improve skills through further instruction and practice.

Prerequisite: Students planning and preparing to compete in intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.
Transfers to both UC/CSU

PEIC-142A Pre-Season Athletics: Volleyball (Women)**1-3 Unit (LAB 144-162)**

This course is designed for pre-season volleyball conditioning for intercollegiate athletes, including strength training, cardiovascular conditioning, drill techniques, and game play in preparation for Intercollegiate competition. Students who repeat this course will improve volleyball skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

CSU Area(s): E1**PEIC-142B Off-Season Athletics: Volleyball (Women)****1-3 Unit (LAB 144-162)**

This course is intended for off-season volleyball conditioning, including strength training, cardiovascular conditioning, drill techniques, and game play in preparation for intercollegiate volleyball competition. Students who repeat this course will improve skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

CSU Area(s): E1**PEIC-143A Intercollegiate Sports: Basketball (Women) Pre-Conference Competition****1.5 Unit (LAB 72-81)**

This course is intended for members of the intercollegiate women's basketball Team. This course is the first in a two part series covering key components of basketball training, including development of core basketball skills and strategies for competitive basketball.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

PEIC-143B Intercollegiate Sports: Basketball (Women) Conference and Post- Conference Competition
1.5 Unit (LAB 72-81)

This course is intended for members of the intercollegiate basketball team. This course is the second in a two part series covering key components of basketball training, including further development and implementation of strategies for competitive basketball.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.
 Transfers to both UC/CSU

PEIC-143C Pre-Season Athletics: Basketball (Women)
1-3 Unit (LAB 144-162)

This course is designed for pre-season basketball conditioning for intercollegiate athletes, including strength training, cardiovascular conditioning, drill techniques, and game play in preparation for intercollegiate competition. Students who repeat this course will improve basketball skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.
 Transfers to both UC/CSU

CSU Area(s): E1

PEIC-143D Off-Season Athletics: Basketball (Women)
1-3 Unit (LAB 144-162)

This course is intended for off-season basketball conditioning, including strength training, cardiovascular conditioning, drill techniques, and game play in preparation for intercollegiate basketball competition. Students who repeat this course will improve skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.
 Transfers to both UC/CSU

CSU Area(s): E1

PEIC-144 Intercollegiate Sports: Baseball (Men)
3 Units (LAB 144-162)

This course is for students who have had significant training in baseball and want to pursue their college and athletic careers through competition with other community colleges. The focus is on intercollegiate competition, rigorously intense preparation in fitness, and the development and refinement of baseball skills and techniques. Students will participate in college sponsored athletic competitions throughout this course.

Prerequisite: Students planning and preparing to compete in intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.
 Transfers to both UC/CSU

PEIC-144A Pre-Season Athletics: Baseball (Men)
1-3 Unit (LAB 144-162)

This course is designed for pre-season baseball conditioning for intercollegiate athletes, including strength training, cardiovascular conditioning, drill techniques, and game play in preparation for Intercollegiate competition. Students who repeat this course will improve baseball skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.
 Transfers to both UC/CSU

CSU Area(s): E1

PEIC-144B Off-Season Athletics: Baseball (Men)
1-3 Unit (LAB 144-162)

This course is intended for off-season baseball conditioning, including strength training, cardiovascular conditioning, drill techniques, and game play in preparation for intercollegiate baseball competition. Students who repeat this course will improve skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.
 Transfers to both UC/CSU

CSU Area(s): E1

PEIC-145 Intercollegiate Sports: Tennis (Men)
3 Units (LAB 144-162)

This course is for students who have had significant training in tennis and want to pursue their college and athletic careers through competition with other community colleges. The primary focus is on intercollegiate competition, rigorously intense preparation in fitness and the development and refinement of tennis skills and techniques. Students will participate in college sponsored athletic competitions throughout this course. (formerly PE 145)

Prerequisite: Students planning and preparing to compete in intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.
 Transfers to both UC/CSU

PEIC-145A Pre-Season Athletics: Tennis (Men)
1-3 Unit (LAB 144-162)

This course is designed for pre-season men's tennis conditioning for intercollegiate athletes, including strength training, cardiovascular conditioning, drill techniques, and game play in preparation for Intercollegiate competition. Students who repeat this course will improve tennis skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.
 Transfers to both UC/CSU

CSU Area(s): E1

PEIC-145B Off-Season Athletics: Tennis (Men)
1-3 Unit (LAB 144-162)

This course is intended for off-season men's tennis conditioning, including strength training, cardiovascular conditioning, drill techniques, and game play in preparation for intercollegiate tennis competition. Students who repeat this course will improve skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

CSU Area(s): E1

PEIC-146 Intercollegiate Sports: Tennis (Women)
3 Units (LAB 144-162)

This course is for students who have had significant training in tennis and want to pursue their college and athletic careers through competition with other community colleges. The primary focus is on intercollegiate competition, rigorously intense preparation in fitness and the development and refinement of tennis skills and techniques. Students will participate in college sponsored athletic competitions throughout this course. (formerly PE 146)

Prerequisite: Students planning and preparing to compete in intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

PEIC-146A Pre-Season Athletics: Tennis (Women)
1-3 Unit (LAB 144-162)

This course is designed for pre-season tennis conditioning for intercollegiate athletes, including strength training, cardiovascular conditioning, drill techniques, and game play in preparation for intercollegiate competition. Students who repeat this course will improve tennis skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

CSU Area(s): E1

PEIC-146B Off-Season Athletics: Tennis (Women)
1-3 Unit (LAB 144-162)

This course is intended for off-season tennis conditioning, including strength training, cardiovascular conditioning, drill techniques, and game play in preparation for intercollegiate tennis competition. Students who repeat this course will improve skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

CSU Area(s): E1

PEIC-147 Intercollegiate Sports: Golf
3 Units (LAB 144-162)

This course is intended for members of the Intercollegiate Golf Team. The course will provide instruction in components of training, developing skills, and conditioning related to the skills and techniques required for intercollegiate golf. (formerly PE 147)

Prerequisite: Students planning and preparing to compete in intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

PEIC-147A Pre-Season Athletics: Golf
1-3 Unit (LAB 144-162)

This course is designed for pre-season golf conditioning for intercollegiate athletes, including strength training, cardiovascular conditioning, drill techniques, and game play in preparation for Intercollegiate competition. Students who repeat this course will improve golf skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

CSU Area(s): E1

PEIC-147B Off-Season Athletics: Golf
1-3 Unit (LAB 144-162)

This course is intended for off-season golf conditioning, including strength training, cardiovascular conditioning, drill techniques, and game play in preparation for intercollegiate golf competition. Students who repeat this course will improve skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

CSU Area(s): E1

PEIC-148 Intercollegiate Sports: Softball (Women)
3 Units (LAB 144-162)

This course in softball is designed for students with significant training in softball to participate in Intercollegiate Fastpitch Softball at the college level. Season of competition runs Spring semester (January - May). Course includes rigorous preparation in fitness and the development and perfecting of softball skills and techniques. Enrollment in the class only counts towards one year of athletic eligibility if one enters an official game. Redshirt players may practice, but not compete in games. (formerly PE 148)

Prerequisite: Students planning and preparing to compete in intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

PEIC-148A Pre-Season Athletics: Softball (Women)
1-3 Unit (LAB 144-162)

This course is designed for pre-season softball conditioning for intercollegiate athletes, including strength training, cardiovascular conditioning, drill techniques, and game play in preparation for intercollegiate competition. Students who repeat this course will improve softball skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

CSU Area(s): E1

PEIC-148B Off-Season Athletics: Softball (Women)
1-3 Unit (LAB 144-162)

This course is intended for off-season softball conditioning, including strength training, cardiovascular conditioning, drill techniques, and game play in preparation for intercollegiate softball competition. Students who repeat this course will improve skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

CSU Area(s): E1

PEIC-150 Intercollegiate Sports: Beach Volleyball (Women)
3 Units (LAB 144-162)

This course is for students who have had significant training in beach volleyball and want to pursue their college and athletic careers through competition with other community colleges. The primary focus is on intercollegiate competition, rigorously intense preparation in fitness and the development and refinement of beach volleyball skills and techniques. Students will participate in college sponsored athletic competitions throughout this course.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

AA/AS General Education: AA/AS E

PEIC-150A Pre-Season Athletics: Beach Volleyball (Women)
1-3 Unit (LAB 144-162)

This course is designed for pre-season beach volleyball conditioning for intercollegiate athletes, including strength training, cardiovascular conditioning, drill techniques, and game play in preparation for Intercollegiate competition. Students who repeat this course will improve beach volleyball skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

AA/AS General Education: AA/AS E

PEIC-150B Off-Season Athletics: Beach Volleyball (Women)
1-3 Unit (LAB 144-162)

This course is intended for off-season beach volleyball conditioning, including strength training, cardiovascular conditioning, drill techniques, and game play in preparation for intercollegiate beach volleyball competition. Students who repeat this course will improve skills and fitness through further instruction and practice.

Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician's examination and complete an interview with the instructor.

Transfers to both UC/CSU

AA/AS General Education: AA/AS E

Physics (PHY)

PHY-100 Physical Science in Modern Society (formerly Conceptual Physics)

3 Units (LEC 48-54)

This course provides a conceptual introduction to the basic physics and chemistry in the Modern World. Effects of technology on individuals and human society. Examines natural phenomena and human-directed technology encountered in daily life from a physical science perspective. Topics may include: mechanics, electricity and magnetism, optics, sound, quantum and nuclear physics, properties of matter, chemical reactions, atomic theory.

Transfers to both UC/CSU

IGETC Area(s): 5A

CSU Area(s): B1

AA/AS General Education: AA/AS A

PHY-101 Basic Physics: Energy and Motion
4 Units (LEC 48-54, LBE 48-54)

This course facilitates the study of various topics in physics including the kinematics of motion, forces, work and energy, circular motion, fluids, temperature and heat, thermodynamics, waves and sound, while focusing on the student's development of technical problem solving skills, vocabulary and the ability to read and understand scientific literature.

Prerequisite: MATH-105 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: PHY 105

IGETC Area(s): 5A, 5C

CSU Area(s): B1, B3

AA/AS General Education: AA/AS A

PHY-102 Basic Electricity and Modern Physics
4 Units (LEC 48-54, LBE 48-54)

This course facilitates the study of various topics in physics including thermodynamics, electromagnetism, DC circuits, optics and modern physics while focusing on the student's development of technical problem solving skills, vocabulary and the ability to read and understand scientific literature.

Prerequisite: PHY-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: PHYS 110

IGETC Area(s): 5A, 5C

CSU Area(s): B1, B3

AA/AS General Education: AA/AS A

PHY-201 Mechanics and Wave Motion
4 Units (LEC 48-54, LBE 48-54)

This course is a calculus-based introduction to classical mechanics of solids and fluids. The main topics covered are kinematics, Newtonian mechanics including translational and rotational statics and dynamics, universal gravitation, work, energy, momentum, fluid statics, dynamics, and oscillations. Experiments in lab examine the basic laws of the mechanics of solids and fluids. Objectives include the use of common measuring instruments, the principles of data taking and analysis, and the writing of scientific reports.

Prerequisite: MATH-211 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: PHYS 205

IGETC Area(s): 5A, 5C

CSU Area(s): B1, B3

AA/AS General Education: AA/AS A

PHY-202 Electricity and Magnetism
4 Units (LEC 48-54, LBE 48-54)

This calculus based course covers topics in thermodynamics, electricity and magnetism including electric fields and potential; Gauss' law, capacitance, magnetic fields, Ampere's law, Faraday's law and induction, electromagnetic oscillations, DC and AC circuits.

Prerequisite: PHY-201 (with a grade of C or better).

Prerequisite/Corequisite: MATH-212 or higher (with a grade of C or better).

Transfers to both UC/CSU

C-ID: PHYS 210

IGETC Area(s): 5A, 5C

CSU Area(s): B1, B3

AA/AS General Education: AA/AS A

PHY-202H Honors Electricity and Magnetism
4 Units (LEC 48-54, LBE 48-54)

This calculus based course covers topics in thermodynamics, electricity and magnetism including electric fields and potential; Gauss' law, capacitance, magnetic fields, Ampere's law, Faraday's law and induction, electromagnetic oscillations, DC and AC circuits.

Prerequisite: Acceptance into the Honors Enrichment Program., PHY-201 (with a grade of C or better).

Prerequisite/Corequisite: MATH-212 or higher (with a grade of C or better).

Transfers to both UC/CSU

C-ID: PHYS 210

IGETC Area(s): 5A, 5C

CSU Area(s): B1, B3

AA/AS General Education: AA/AS A

PHY-203 Optics and Modern Physics
4 Units (LAB 48-54, LEC 48-54)

This course is a calculus based study of optics and modern physics. Subjects covered include Optics, Relativity, Quantum Physics, Atomic Physics, Nuclear Physics and Particle Physics.

Prerequisite: PHY-201 (with a grade of C or better).

Prerequisite/Corequisite: MATH-213 or higher (with a grade of C or better).

Transfers to both UC/CSU

C-ID: PHYS 215

IGETC Area(s): 5A, 5C

CSU Area(s): B1, B3

AA/AS General Education: AA/AS A

PHY-299 Special Projects: Physics
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Physics classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

Political Science (PS)

PS-101 Introduction to American Government and Politics
3 Units (LEC 48-54)

This course is an introduction to the politics, principles, theories and practices of the governments of the United States and California.

Transfers to both UC/CSU

C-ID: POLS 110

IGETC Area(s): 4H

CSU Area(s): D8

AA/AS General Education: AA/AS B1, AA/AS B2

PS-101H Honors Introduction to American Government and Politics
3 Units (LEC 48-54)

This course is an introduction to the politics, principles, theories and practices of the governments of the United States and California.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

C-ID: POLS 110

IGETC Area(s): 4H

CSU Area(s): D8

AA/AS General Education: AA/AS B1, AA/AS B2

PS-102 Comparative Politics and Government
3 Units (LEC 48-54)

This course is a comparative analysis of the politics and governmental institutions of democratic and non-democratic based political systems. The course will include an analysis of the crises and stages of political development; a discussion of the relationship of geography, history, and economics to political development; an examination of the role of socialization, culture, and ideology in political development; a discussion of intra-national conflicts; and the problems of developing-world nation building.

Prerequisite: PS-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: POLS 130

IGETC Area(s): 4H

CSU Area(s): D8

AA/AS General Education: AA/AS B2

PS-102H Honors Comparative Politics and Government
3 Units (LEC 48-54)

This course is a comparative analysis of the politics and governmental institutions of democratic and non-democratic based political systems. The course will include an analysis of the crises and stages of political development; a discussion of the relationship of geography, history, and economics to political development; an examination of the role of socialization, culture, and ideology in political development; a discussion of intra-national conflicts; and the problems of developing-world nation building.

Prerequisite: Acceptance into the Honors Enrichment Program., PS-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: POLS 130

IGETC Area(s): 4H

CSU Area(s): D8

AA/AS General Education: AA/AS B2

PS-103 Ethnic Politics in America
3 Units (LEC 48-54)

This course will examine the role of ethnic minorities in the political process and their relationship to and role in government and include a discussion of ethnic empowerment, major ethnic based political and community organizations, the philosophies of major ethnic group leaders, and current political issues and trends as they impact ethnic groups. The ethnic groups to be reviewed will include Black People, African Americans, Latinx, Asians, and Native Americans. *Cross-listed as ETHS-103.

Prerequisite: PS-101 (with a grade of C or better).

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 4C, 4H

CSU Area(s): D3, D8, F

AA/AS General Education: AA/AS B2, AA/AS F

PS-103H Honors Ethnic Politics in America
3 Units (LEC 48-54)

This course will examine the role of ethnic minorities in the political process and their relationship to and role in government and include a discussion of ethnic empowerment, major ethnic based political and community organizations, the philosophies of major ethnic group leaders, and current political issues and trends as they impact ethnic groups. The ethnic groups to be reviewed will include Black People, African Americans, Latinx, Asians, and Native Americans. *Cross-listed as ETHS-103H.

Prerequisite: Acceptance into the Honors Enrichment Program., PS-101 (with a grade of C or better).

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 4C, 4H

CSU Area(s): D3, D8, F

AA/AS General Education: AA/AS B2, AA/AS F

PS-105 Introduction to Political Theory
3 Units (LEC 48-54)

This course will examine the major contributions of political thinkers from Socrates to the present. Political concepts such as democracy, the rule of law, justice, natural rights, sovereignty, citizenship, power, the state, revolution, liberty, reason, materialism, toleration, and the place of religion in society and politics are traced from their origins, through their development and changing patterns, to show how they influence political thinking and institutions today.

Prerequisite: PS-101 (with a grade of C or better).

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: POLS 120

IGETC Area(s): 4H

CSU Area(s): D8

AA/AS General Education: AA/AS B2

PS-105H Honors Introduction to Political Theory
3 Units (LEC 48-54)

This course will examine the major contributions of political thinkers from Socrates to the present. Political concepts such as democracy, the rule of law, justice, natural rights, sovereignty, citizenship, power, the state, revolution, liberty, reason, materialism, toleration, and the place of religion in society and politics are traced from their origins, through their development and changing patterns, to show how they influence political thinking and institutions today.

Prerequisite: Acceptance into the Honors Enrichment Program., PS-101 (with a grade of C or better).

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: POLS 120

IGETC Area(s): 4H

CSU Area(s): D8

AA/AS General Education: AA/AS B2

PS-106 Introduction to International Relations
3 Units (LEC 48-54)

This course introduces students to the major theoretical explanations of conflict, cooperation, economic growth and re-distribution in international affairs, and explores important historical and contemporary debates in international politics.

Prerequisite: PS-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: POLS 140

IGETC Area(s): 4H

CSU Area(s): D8

AA/AS General Education: AA/AS B2

PS-106H Honors Introduction to International Relations
3 Units (LEC 48-54)

This course introduces students to the major theoretical explanations of conflict, cooperation, economic growth and re-distribution in international affairs, and explores important historical and contemporary debates in international politics.

Prerequisite: Acceptance into the Honors Enrichment Program., PS-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: POLS 140

IGETC Area(s): 4H

CSU Area(s): D8

AA/AS General Education: AA/AS B2

PS-110 Introduction to Public Administration (formerly PA-101)
3 Units (LEC 48-54)

This course serves as an introduction to the purposes, methods, and characteristics of public management including organization of public services, roles and relationships of public administrators, accountability and the achievement of public goals. (formerly PA 101)

Prerequisite: PS-101 (with a grade of C or better).

Transfers to both UC/CSU

AA/AS General Education: AA/AS B2

PS-120 California Government
3 Units (LEC 48-54)

This course is an introduction to the principles, theories, and practices of California politics and government. Special emphasis will be given to the impact of state and local government on the individual in public and private life, as well as the impact citizens may have on state and local governments through political activism, political parties, interest groups, campaigns, and elections.

Prerequisite: PS-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 4H

CSU Area(s): D8

AA/AS General Education: AA/AS B2

PS-120H Honors California Government
3 Units (LEC 48-54)

This course is an introduction to the principles, theories, and practices of California politics and government. Special emphasis will be given to the impact of state and local government on the individual in public and private life, as well as the impact citizens may have on state and local governments through political activism, political parties, interest groups, campaigns, and elections.

Prerequisite: Acceptance into the Honors Enrichment Program., PS-101 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 4H

CSU Area(s): D8

AA/AS General Education: AA/AS B2

PS-299 Special Projects: Political Science
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: PS-101 (with a grade of C or better). A contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

Psychology (PSYC)

PSYC-101 Introduction to Psychology
3 Units (LEC 48-54)

This course is designed to introduce students to the themes of psychology - the scientific study of behavior and mental processes. Contemporary theories and research methods will be explored. Topics will include learning, memory, cognition, brain physiology, and psychopathology.

Recommended Preparation: ENGL-098 or ESL-098.

Transfers to both UC/CSU

C-ID: PSY 110

IGETC Area(s): 4I

CSU Area(s): D9, E1

AA/AS General Education: AA/AS B2

PSYC-101H Honors Introduction to Psychology
3 Units (LEC 48-54)

This course is designed to introduce students to the themes of psychology - the scientific study of behavior and mental processes. Contemporary theories and research methods will be explored. Topics will include learning, memory, cognition, brain physiology, and psychopathology.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-098 or ESL-098.

Transfers to both UC/CSU

C-ID: PSY 110

IGETC Area(s): 4I

CSU Area(s): D9, E1

AA/AS General Education: AA/AS B2

PSYC-102 Personal Growth
3 Units (LEC 48-54)

This course introduces the major points of view in psychology as pathways toward personal growth. Psychological principles, theory, and research are discussed in applied contexts and opportunities for growth are explored. Areas covered include identity and culture, family, wellness, stress, healthy and unhealthy coping mechanisms, gender identity, sexuality, love and relationship issues, career exploration, changing unwanted behaviors, and selecting mental health services.

Transfers to both UC/CSU

IGETC Area(s): 4I

CSU Area(s): D9, E1

AA/AS General Education: AA/AS B2, AA/AS E

PSYC-103 Human Development
3 Units (LEC 48-54)

This course focuses on the human life span, examining the psychological, cognitive, physical, social and sociocultural development of individuals from conception to the end of the life journey. Contemporary developmental theories and research will be emphasized.

Transfers to both UC/CSU

C-ID: PSY 180

IGETC Area(s): 4I

CSU Area(s): D9, E1

AA/AS General Education: AA/AS B2

PSYC-103H Honors Human Development
3 Units (LEC 48-54)

This course focuses on the human life span, examining the psychological, cognitive, physical, social and sociocultural development of individuals from conception to the end of the life journey. Contemporary developmental theories and research will be emphasized.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

C-ID: PSY 180

IGETC Area(s): 4I

CSU Area(s): D9, E1

AA/AS General Education: AA/AS B2

PSYC-104 Psychology of Gender
3 Units (LEC 48-54)

This course examines traditional and contemporary psychological theories and research regarding gender development and its influence on social and psychological functioning. The course evaluates gender across the spectrum in different social and individual contexts. Some of the topics covered in this course are gender development, stereotypes, differences and similarities in cognitive ability, aggression, mental health, and family roles across the spectrum of gender.

Transfers to both UC/CSU

IGETC Area(s): 4D, 4I

CSU Area(s): D4, D9, E1

AA/AS General Education: AA/AS B2

PSYC-104H Honors Psychology of Gender
3 Units (LEC 48-54)

This course examines traditional and contemporary psychological theories and research regarding gender development and its influence on social and psychological functioning. The course evaluates gender across the spectrum in different social and individual contexts. Some of the topics covered in this course are gender development, stereotypes, differences and similarities in cognitive ability, aggression, mental health, and family roles across the spectrum of gender.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

IGETC Area(s): 4D, 4I

CSU Area(s): D4, D9, E1

AA/AS General Education: AA/AS B2

PSYC-105 Social Psychology
3 Units (LEC 48-54)

This course involves the analysis of relationships between the behavior of individuals and the structure, functions, and processes of society. Topics to be covered in this course include: attitude formation and change, beliefs, attribution, social persuasion, social facilitation, group influences, prejudice, aggression, attraction, altruism, and conflict.
*Cross-listed as SOCI-105.

Transfers to both UC/CSU

C-ID: PSY 170

IGETC Area(s): 4I, 4J

CSU Area(s): D9, D0

AA/AS General Education: AA/AS B2

PSYC-105H Honors Social Psychology
3 Units (LEC 48-54)

This course involves the analysis of relationships between the behavior of individuals and the structure, functions, and processes of society. Topics to be covered in this course include: attitude formation and change, beliefs, attribution, social persuasion, social facilitation, group influences, prejudice, aggression, attraction, altruism, and conflict.
*Cross-listed as SOCI-105H.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

C-ID: PSY 170

IGETC Area(s): 4I, 4J

CSU Area(s): D9, D0

AA/AS General Education: AA/AS B2

PSYC-107 Psychobiology
3 Units (LEC 48-54)

This course is an exploration of the biological basis of psychology and its effects of cognition, emotions, and experience. Study is made of sensation, perception, emotion, clinical symptoms of abnormal behavior, sleep, learning, and drug effects.

Prerequisite: PSYC-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: PSY 150

IGETC Area(s): 4I

CSU Area(s): D9

AA/AS General Education: AA/AS B2

PSYC-107H Honors Psychobiology
3 Units (LEC 48-54)

This course is an exploration of the biological basis of psychology and its effects of cognition, emotions, and experience. Study is made of sensation, perception, emotion, clinical symptoms of abnormal behavior, sleep, learning, and drug effects.

Prerequisite: PSYC-101 (with a grade of C or better)., Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

C-ID: PSY 150

IGETC Area(s): 4I

CSU Area(s): B2, D9

AA/AS General Education: AA/AS B2

PSYC-108 Abnormal Psychology
3 Units (LEC 48-54)

This course examines psychological disorders and treatments through the various theoretical lenses of psychology, including, but not limited to, schizophrenia, anxiety disorders, mood disorders, and personality disorders. The course will also explore the current trends in positive psychology toward cultivating mental wellness.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 4I

CSU Area(s): D9

AA/AS General Education: AA/AS B2

PSYC-108H Honors Abnormal Psychology
3 Units (LEC 48-54)

This course examines psychological disorders and treatments through the various theoretical lenses of psychology, including, but not limited to, schizophrenia, anxiety disorders, mood disorders, and personality disorders. The course will also explore the current trends in positive psychology toward cultivating mental wellness.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 4I

CSU Area(s): D9

AA/AS General Education: AA/AS B2

PSYC-112 Gender and Social Interaction
3 Units (LEC 48-54)

This course explores the micro-social and structural aspects of gender both in the U.S. and around the world. Micro-social aspects include the construction of gender roles and interpersonal communications, interactions and relationships. Structural aspects include analyses of the economic and political aspects of gender, the representation of gender in the media, differential access issues, and the effects on individual opportunity. *Cross-listed as SOCI-112.

Transfers to both UC/CSU

CSU Area(s): D4, D7, E1

AA/AS General Education: AA/AS B2

PSYC-121 Statistics for Behavioral Sciences
3 Units (LEC 40-45, LBE 24-27)

This course covers introductory statistics, emphasizing appropriate applications of statistics in social science research. Topics include basic research design, probability and sampling distributions, descriptive and inferential statistics including Z scores; linear correlation; regression; t-tests; analysis of variance; and chi-square. Students complete psychological experiments, using appropriate technology (e.g., SPSS) to analyze data and report results using APA style. Transfer credit for MATH 140 or BIOL 201 may not be available if taken after PSYC 121. *Cross-listed as SOCI-121.

Prerequisite: MATH-096 or MATH-094 or MATH-060 (with a grade of C or better). California law (AB 705) allows placement of students in college-level math and clears the prerequisite for this course.

Transfers to both UC/CSU

C-ID: SOCI 125

IGETC Area(s): 2A

CSU Area(s): B4

AA/AS General Education: AA/AS G

PSYC-124 Social Research Methodology With Lab (formerly Social Research Methodology)
4 Units (LEC 48-54, LBE 48-54)

This course is an introduction to social and behavioral science research methods encompassing experimental and descriptive research designs, procedures instrumentation, and the collection, analysis, interpretation and reporting of research data. The design and research methods will be examined through the review and analysis of the research of the different social and behavioral disciplines. Actual data collected from research conducted during laboratory sessions will be analyzed with statistical software.

Prerequisite: MATH-140 (with a grade of C or better)., PSYC-101 (with a grade of C or better).

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: PSY 205B

IGETC Area(s): 4I, 4J

CSU Area(s): D9, D0

PSYC-124H Honors Social Research Methodology With Lab (formerly Honors Social Research Methodology)
4 Units (LEC 48-54, LBE 48-54)

This course is an introduction to social and behavioral science research methods encompassing experimental and descriptive research designs, procedures instrumentation, and the collection, analysis, interpretation and reporting of research data. The design and research methods will be examined through the review and analysis of the research of the different social and behavioral disciplines. Actual data collected from research conducted during laboratory sessions will be analyzed with statistical software.

Prerequisite: Acceptance into the Honors Enrichment Program., MATH-140 (with a grade of C or better)., PSYC-101 (with a grade of C or better).

Recommended Preparation: ENGL-101.

Transfers to both UC/CSU

C-ID: PSY 205B

IGETC Area(s): 4I, 4J

CSU Area(s): D9, D0

PSYC-299 Special Projects: Psychology**1-3 Unit (IS 16-54)**

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Psychology classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

Real Estate (RE)

RE-101 Real Estate Principles (formerly RE-140)**3 Units (LEC 48-54)**

This course covers the basic laws and principles of California real estate. It provides the basic background and terminology necessary to understand property ownership, contracts, agency, listings, real estate financing, deeds, liens, escrows and title insurance, land descriptions, real estate mathematics, real estate licensing and state regulations. (formerly RE 140)

Transfers to CSU only

RE-299 Special Projects: Real Estate**1-3 Unit (IS 16-54)**

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Real Estate classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

RE-502 Real Estate Practice (formerly RE-141)**3 Units (LEC 48-54)**

This course provides an analysis of real estate business as conducted in California stressing the practical application of real estate knowledge. Ideal for future or licensed real estate professionals. Topics include establishing the real estate office, prospecting, advertising, selling, listings, financing, escrow procedures, taxes, business opportunities, property management, and ethics. (formerly RE 141)

Prerequisite/Corequisite: RE-101 (with a grade of C or better) or Real Estate License.

Transfers to CSU only

RE-503 Legal Aspects of Real Estate (formerly RE-142)**3 Units (LEC 48-54)**

This course provides a broad survey of the legal system in the United States with special emphasis on California Real Estate Law. It provides insight into those areas which are most important in avoiding legal difficulties which can arise in connection with real estate transactions. Aspects of California Real Estate Law necessary to prepare students for the State Real Estate Licensing Exam are also covered. (formerly RE 142)

Prerequisite/Corequisite: RE-101 (with a grade of C or better) or Real Estate License.

Transfers to CSU only

RE-504 Real Estate Finance (formerly RE-143)**3 Units (LEC 48-54)**

This course provides an analysis of real estate finance. Topics covered include financing instruments, sources of financing, loan origination and servicing, consumer protection, and the role of federal and state governments. (formerly RE 143)

Recommended Preparation: RE-101 or Real Estate License.

Transfers to CSU only

RE-505 Real Estate Property Management (formerly RE-154 Property Management)**3 Units (LEC 48-54)**

This course emphasizes best practices in property management for residential, commercial, office, and industrial real estate. The principles of management, fair housing, ethics, and leasing are examined. (formerly RE 154)

Prerequisite: RE-101 (with a grade of C or better) and/or a Real Estate license.

Transfers to CSU only

RE-506 Real Estate Economics (formerly RE-145)**3 Units (LEC 48-54)**

This course is a practical study of the economic aspects of real estate and land use designed to provide a grasp of the dynamic factors which create real estate values and establish trends in real estate markets. This course meets pre-licensing requirements for the California real estate salesperson and brokers exams. (formerly RE-145)

Prerequisite: RE-101 (with a grade of C or better) or Real Estate License.

Transfers to CSU only

RE-544 Fundamentals of Real Estate Appraisal (formerly RE-144 Basic Appraisal Principles and Procedures)**3 Units (LEC 48-54)**

This course meets the requirements of the current Appraisal Qualifications Board of the Appraisal Foundation. Emphasis is on residential real estate and covers basic real estate appraisal principles and procedures. It meets the license requirements for all levels of appraisal license and is required for the trainee, residential, certified residential, and certified general licenses. This course qualifies with the California Department of Real Estate as a statutory/pre-license course for the salesperson and broker education requirements. (formerly RE 144)

Transfers to CSU only

RE-549 Cooperative Work Experience: Real Estate (formerly RE-149)
0.5-8 Units CWE Paid 37.5-600/Non-paid 30-480

This course is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the students' educational or occupational goal (Title 5 section 55252). Students may earn a maximum of (8) semester credit hours during one enrollment period. Students may earn up to a total of 16 semester credit hours for all Cooperative Work Experience Education. Offered as pass/no pass only. (formerly RE-149)

Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. A training agreement must be completed prior to registration. Please refer to the Cooperative Work Experience Student Handbook for specific information. Transfers to CSU only

RE-707 Mortgage Loan Brokering and Lending (formerly RE-146)
3 Units (LEC 48-54)

This course will provide students with a broad technical knowledge of the state and federal laws which govern the practice of mortgage loan brokering and lending in the state of California. Students will learn lending laws, regulations, disclosures, and the lending process. (formerly RE 146)

Not transferable

Social Justice Studies (SJS)

SJS-101 Introduction to Social Justice Studies
3 Units (LEC 48-54)

This course introduces students to inter-disciplinary, intersectional studies of race, ethnicity, socio-economic status, gender, sexuality, ability, and nationality. This course examines social justice movements, histories, theories, ideas, methodologies, and artistic expressions with an emphasis on intersectionality to better understand the struggles, triumphs, and epistemologies of historically marginalized and oppressed groups.

Transfers to both UC/CSU

C-ID: SJS 110

CSU Area(s): D3

AA/AS General Education: AA/AS B2, AA/AS F

SJS-101H Honors Introduction to Social Justice Studies
3 Units (LEC 48-54)

This course introduces students to inter-disciplinary, intersectional studies of race, ethnicity, socio-economic status, gender, sexuality, ability, and nationality. This course examines social justice movements, histories, theories, ideas, methodologies, and artistic expressions with an emphasis on intersectionality to better understand the struggles, triumphs, and epistemologies of historically marginalized and oppressed groups.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

C-ID: SJS 110

CSU Area(s): D3

AA/AS General Education: AA/AS B2, AA/AS F

Sociology (SOCI)

SOCI-101 Principles of Sociology
3 Units (LEC 48-54)

This course encompasses the scientific study and concepts, theoretical perspectives, research methods and observation of human societies, and social institutions. Students will develop the ability to understand and apply sociological concepts and theories to everyday life. The evaluation and analysis of social institutions, domestic and global social systems and dynamics, social structures, socialization, group dynamics, social stratification, society, the self, social movements and social change are topics in this course.

Transfers to both UC/CSU

C-ID: SOCI 110

IGETC Area(s): 4J

CSU Area(s): D0

AA/AS General Education: AA/AS B2

SOCI-101H Honors Principles of Sociology
3 Units (LEC 48-54)

This course encompasses the scientific study and concepts, theoretical perspectives, research methods and observation of human societies, and social institutions. Students will develop the ability to understand and apply sociological concepts and theories to everyday life. The evaluation and analysis of social institutions, domestic and global social systems and dynamics, social structures, socialization, group dynamics, social stratification, society, the self, social movements and social change are topics in this course.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

C-ID: SOCI 110

IGETC Area(s): 4J

CSU Area(s): D0

AA/AS General Education: AA/AS B2

SOCI-102 Contemporary Social Problems
3 Units (LEC 48-54)

This course examines major sociological theories and concepts of contemporary social problems, their emergence, social construction and analysis. Emphasis areas will incorporate characteristics of societal trends that contribute to the emergence of social problems, the influence of social problems on groups and institutions and the potential for social change or resolution.

Transfers to both UC/CSU

C-ID: SOCI 115

IGETC Area(s): 4J

CSU Area(s): D0, E1

AA/AS General Education: AA/AS B2

SOCI-103 Marriage and the Family
3 Units (LEC 48-54)

This course is an analysis and exploration of the contemporary American family and intimate relationships with comparisons of family structures in the US and abroad. This course will examine the research, data, practices and methods of developing intimate relationships in the social atmosphere.

Transfers to both UC/CSU
C-ID: SOCI 130
IGETC Area(s): 4J
CSU Area(s): D0, E1
AA/AS General Education: AA/AS B2

SOCI-105 Social Psychology
3 Units (LEC 48-54)

This course involves the analysis of relationships between the behavior of individuals and the structure, functions, and processes of society. Topics to be covered in this course include: attitude formation and change, beliefs, attribution, social persuasion, social facilitation, group influences, prejudice, aggression, attraction, altruism, and conflict.
 *Cross-listed as PSYC-105.

Transfers to both UC/CSU
C-ID: PSY 170
IGETC Area(s): 4I, 4J
CSU Area(s): D0, D9
AA/AS General Education: AA/AS B2

SOCI-105H Honors Social Psychology
3 Units (LEC 48-54)

This course involves the analysis of relationships between the behavior of individuals and the structure, functions, and processes of society. Topics to be covered in this course include: attitude formation and change, beliefs, attribution, social persuasion, social facilitation, group influences, prejudice, aggression, attraction, altruism, and conflict.
 *Cross-listed as PSYC-105H.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU
C-ID: PSY 170
IGETC Area(s): 4I, 4J
CSU Area(s): D9, D0
AA/AS General Education: AA/AS B2

SOCI-106 Intercultural Relations
3 Units (LEC 48-54)

This course incorporates the analysis, functions, and significance of culture in intergroup and intragroup relations among various racial/ethnic, sex/gender, social class, religious and ability groups in the United States and selected countries around the world.

Transfers to both UC/CSU
IGETC Area(s): 4J
CSU Area(s): D0
AA/AS General Education: AA/AS B2

SOCI-108 Human Sexuality
3 Units (LEC 48-54)

This course helps students better understand human sexuality in relation to oneself and society in general. To achieve this a multi-disciplinary approach will be taken with perspectives in sociology, medical/biology, psychology, and anthropology, giving students an opportunity to learn basic academic requirements as well as making decisions concerning their personal sexual lives.

Transfers to both UC/CSU
C-ID: PSY 130
IGETC Area(s): 4J
CSU Area(s): D0, E1
AA/AS General Education: AA/AS B2

SOCI-110 Media and Society
3 Units (LEC 48-54)

This course explores the sociological evolution of contemporary mass media including television, film, and publishing industries, as well as the virtual communities of the Internet and the World Wide Web. Media and society incorporates the exploration of the effects and significance of mass media in society with emphasis on mass media representations of various cultures and subcultures in the United States and abroad.

Transfers to both UC/CSU
IGETC Area(s): 4J
CSU Area(s): D0
AA/AS General Education: AA/AS B2

SOCI-112 Gender and Social Interaction
3 Units (LEC 48-54)

This course explores the micro-social and structural aspects of gender both in the U.S. and around the world. Micro-social aspects include the construction of gender roles and interpersonal communications, interactions and relationships. Structural aspects include analyses of the economic and political aspects of gender, the representation of gender in the media, differential access issues, and the effects on individual opportunity. *Cross-listed as PSYC-112.

Transfers to both UC/CSU
C-ID: SOCI 140
CSU Area(s): D4, D7, E1
AA/AS General Education: AA/AS B2

SOCI-115 Contemporary Chicano in Society
3 Units (LEC 48-54)

This course examines the sociological constructs of contemporary Chicanos/as in the United States from the 1930s to present. The sociopolitical, sociocultural and general sociological relationships between Chicanos/as and social institutions in addition to intra/interethnic dynamics are explored using established sociological concepts, theories and methodologies. An in-depth evaluation of social movements, gender roles, racial identity, identity formation, social class, and socialization agents allows students to develop sociological interpretations of Chicano/a experiences in the United States.

Transfers to both UC/CSU
IGETC Area(s): 4J
CSU Area(s): D0, D3
AA/AS General Education: AA/AS B2, AA/AS F

SOCI-121 Statistics for Behavioral Sciences
3 Units (LEC 40-45, LBE 24-27)

This course covers introductory statistics, emphasizing appropriate applications of statistics in social science research. Topics include basic research design, probability and sampling distributions, descriptive and inferential statistics including Z scores; linear correlation; regression; t-tests; analysis of variance; and chi-square. Students complete psychological experiments, using appropriate technology (e.g., SPSS) to analyze data and report results using APA style. Transfer credit for MATH 140 or BIOL 201 may not be available if taken after PSYC 121. *Cross-listed as PSYC-121.

Prerequisite: MATH-096 or MATH-094 or MATH-060 (with a grade of C or better). California law (AB 705) allows placement of students in college-level math and clears the prerequisite for this course.

Transfers to both UC/CSU

C-ID: SOCI 125

IGETC Area(s): 2A

CSU Area(s): B4

AA/AS General Education: AA/AS G

SOCI-125 Crime and Society
3 Units (LEC 48-54)

This course examines crime in American society. The criminalization of behavior, criminal enforcement the judiciary, crime prevention, diverse cultures and their relationship to demographic characteristics and other societal institutions will be examined in-depth using established sociological concepts, theories and research methodologies. An evaluation of groups and institutions (political, legal, religious, familial, mass media) is central to the characterization and study of criminology and allows students to develop sociological interpretations of Criminology in American society.

Transfers to both UC/CSU

C-ID: SOCI 160

IGETC Area(s): 4J

CSU Area(s): D0

AA/AS General Education: AA/AS B2

SOCI-299 Special Projects: Sociology
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Sociology classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

Spanish (SPAN)

SPAN-101 Elementary Spanish I
4 Units (LEC 64-72)

This course emphasizes pronunciation, oral practice, basic grammar of the Spanish language and study of the Hispanic culture and civilization.

Transfers to both UC/CSU

C-ID: SPAN 100

IGETC Area(s): 6A

CSU Area(s): C2

AA/AS General Education: AA/AS C

SPAN-101A Introduction to Spanish 101
2 Units (LEC 32-36)

This course is for students who have not previously studied Spanish and is equivalent to the first half of SPAN 101. The course emphasizes pronunciation, oral practice, basic grammar of the Spanish language, and study of Hispanic culture and civilization. Students must also complete SPAN 101B to earn the equivalent of SPAN 101.

Transfers to both UC/CSU

SPAN-101B Introduction to Spanish 101 (Continuation)
3 Units (LEC 48-54)

This course is designed for students that have minimal experience with Spanish. This course emphasizes pronunciation, oral practice, basic grammar of the Spanish language, and study of Hispanic culture and civilization.

Prerequisite: SPAN-101A (with a grade of C or better) or successful completion of one year of high school Spanish.

Transfers to both UC/CSU

IGETC Area(s): 6A

CSU Area(s): C2

AA/AS General Education: AA/AS C

SPAN-102 Elementary Spanish II
4 Units (LEC 64-72)

This course is a continuation of skills learned in Spanish 101. Students will become more proficient in the use of the Spanish language through reading, writing, listening and speaking. Student will gain more knowledge of the culture and civilization of the 21 Spanish speaking countries. Proper uses of object pronouns and past tenses will be emphasized.

Prerequisite: SPAN-101 (with a grade of C or better) or two years of high school Spanish.

Other Enrollment Criteria: SPAN-102 cannot be taken concurrently with SPAN-101, SPAN-201, SPAN-202, SPAN-203 or SPAN-204.

Transfers to both UC/CSU

C-ID: SPAN 110

IGETC Area(s): 3B, 6A

CSU Area(s): C2

AA/AS General Education: AA/AS C

SPAN-141 Spanish through Film (formerly SPAN-240)
3 Units (LEC 48-54)

This course is designed to expand the study of written and spoken Spanish through discussion and written analysis of selected Spanish films. Films will be viewed and analyzed to practice aural comprehension and dialectology, vocabulary, culture, oral practice, and grammar. (formerly SPAN 240)

Prerequisite: SPAN-102 (with a grade of C or better).

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

SPAN-201 Intermediate Spanish I
4 Units (LEC 64-72)

This course is a continuation of Spanish 102, it introduces more advanced grammar and vocabulary with added emphasis on speaking reading and writing.

Prerequisite: SPAN-102 (with a grade of C or better) or three years of high school Spanish.

Other Enrollment Criteria: SPAN-201 cannot be taken concurrently with SPAN-101, SPAN-102, SPAN-202, SPAN-203 or SPAN-204.

Transfers to both UC/CSU

C-ID: SPAN 200

IGETC Area(s): 3B, 6A

CSU Area(s): C2

AA/AS General Education: AA/AS C

SPAN-202 Intermediate Spanish II
4 Units (LEC 64-72)

This course is a continuation of skills learned in Spanish 201. This course emphasizes the usage of advanced grammar and vocabulary with major emphasis on reading and writing.

Prerequisite: SPAN-201 (with a grade of C or better) or four years of high school Spanish.

Transfers to both UC/CSU

C-ID: SPAN 210

IGETC Area(s): 3B, 6A

CSU Area(s): C2

AA/AS General Education: AA/AS C

SPAN-203 Spanish for Native Speakers I
4 Units (LEC 64-72)

This course is designed for heritage speakers of Spanish or other linguistically qualified students. It provides instruction that builds upon the existing reading, writing, speaking and listening skills and the cultural heritage and knowledge of these students. The course increases awareness of linguistic registers, discusses items beyond the familiar routine and develop an appreciation for the Hispanic cultures as manifested in Spanish speaking countries and in the United States. This course is entirely in Spanish.

Prerequisite: Three years of high school Spanish or AP Spanish or SPAN-102 (with a grade of C or better) or Spanish for Native Speakers courses. Other Enrollment Criteria: SPAN-203 cannot be taken concurrently with SPAN-101, SPAN-102, SPAN-201 or SPAN-202.

Transfers to both UC/CSU

C-ID: SPAN 220

IGETC Area(s): 3B, 6A

CSU Area(s): C2

AA/AS General Education: AA/AS C

SPAN-204 Spanish for Native Speakers II
4 Units (LEC 64-72)

This course is the continuation of Spanish 203 and continues to provide instruction that builds upon the existing reading, writing, speaking and listening skills and the cultural heritage and knowledge of these students. The course will continue to increase awareness of linguistic registers, discuss items beyond the familiar routine and expand upon their appreciation for the Hispanic cultures as manifested in Spanish speaking countries and in the US. This course is entirely conducted in Spanish.

Prerequisite: SPAN-203 (with a grade of C or better) or four years of high school Spanish.

Transfers to both UC/CSU

C-ID: SPAN 230

IGETC Area(s): 3B, 6A

CSU Area(s): C2

AA/AS General Education: AA/AS C

SPAN-230 Spanish Composition I
3 Units (LEC 48-54)

This course is designed for students wishing to further develop their writing skills in Spanish as well as aural comprehension and oral fluency at an intermediate level in Spanish through culturally relevant materials. This course is for students who want to enhance their Spanish skills and for students planning to transfer to a four-year institution.

Prerequisite: SPAN-201 or SPAN-203 (with a grade of C or better).

Transfers to both UC/CSU

CSU Area(s): C2

SPAN-231 Spanish Composition II
3 Units (LEC 48-54)

This course is a continuation of SPAN 230. SPAN 231 is designed for students wishing to further develop their writing skills in Spanish as well as aural comprehension and oral fluency at a mid-intermediate level in Spanish through culturally relevant materials. This course is for students who want to enhance their Spanish skills and for students planning to transfer to a four-year institution.

Prerequisite: SPAN-230 (with a grade of C or better).
 Transfers to both UC/CSU
CSU Area(s): C2

SPAN-251 Intermediate Spanish Conversation I
3 Units (LEC 48-54)

This course emphasizes pronunciation, oral practice, and reviews the fundamentals of grammar and vocabulary. The study of Hispanic culture and civilization will be covered throughout all readings and assignments.

Prerequisite: SPAN-102 (with a grade of C or better).
 Transfers to both UC/CSU
IGETC Area(s): 3B
CSU Area(s): C2

SPAN-252 Intermediate Spanish Conversation II
3 Units (LEC 48-54)

This course further develops communicative skills for everyday contact with Spanish-speaking people. This course emphasizes pronunciation, oral practice, and the study of Hispanic culture and civilization. Students will also review the fundamentals of grammar and introduce new vocabulary.

Prerequisite: SPAN-201 or SPAN-251 (with a grade of C or better).
 Transfers to both UC/CSU
IGETC Area(s): 3B, 6A
CSU Area(s): C2

SPAN-299 Special Projects: Spanish
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Spanish classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.
 Transfers to CSU only

Teaching Assistant (TA)

TA-299 Special Projects: Teaching Assistant
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: One Teaching Assistant class must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.
 Transfers to CSU only

TA-500 Introduction to Tutoring Across Disciplines (formerly TA-100)
2 Units (LEC 32-36)

This course is an introduction to the basic principles of tutorial theory and practice. It covers tutorial ethics and philosophy, the steps of the tutorial cycle, the basics of tutorial communication, the development of effective study behaviors, and strategies for tutoring students with differing learning styles and special needs. The course is designed to prepare students to work as professional tutors with students at all educational levels and across disciplines both individually and in groups. (formerly TA 100)

Prerequisite: Interview with Learning Center faculty.

Other Enrollment Criteria: Students need to have completed or be simultaneously enrolled in MATH-096 and/or ENGL-101 if they wish to be eligible for an interview.
 Transfers to CSU only

Theater Arts (THA)

THA-101 Introduction to Theater
3 Units (LEC 48-54)

This course emphasizes the value and importance of theater as a fine art and a metaphor for society and life in various cultures throughout history. The main focus is on the Western tradition of theater. Emphasis is placed on the role of theater as a source and reflection of ideas, cultural values, and human understanding. Contributions of the playwright, director, actor, designer, technician, and audience are explored.

Transfers to both UC/CSU
C-ID: THTR 111
IGETC Area(s): 3A
CSU Area(s): C1
AA/AS General Education: AA/AS C

THA-101H Honors Introduction to Theater
3 Units (LEC 48-54)

This course emphasizes the value and importance of theater as a fine art and a metaphor for society and life in various cultures throughout history. The main focus is on the Western tradition of theater. Emphasis is placed on the role of theater as a source and reflection of ideas, cultural values, and human understanding. Contributions of the playwright, director, actor, designer, technician, and audience are explored.

Prerequisite: Acceptance into the Honors Enrichment Program.

Transfers to both UC/CSU

C-ID: THTR 111

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C

THA-102 Theater History
3 Units (LEC 48-54)

This course approaches world theater history from origin stories and Ancient Greece through to theaters of the seventeenth century. Comparative historical studies of early Asian, European, African, and Latin American are included. The complexity of theater as an art form from its function in a given era and culture to its many component parts are examined. If time permits, some investigation of theater history beyond the seventeenth century will be included. *Cross-listed as HIST-154.

Transfers to both UC/CSU

C-ID: THTR 113

IGETC Area(s): 3B

CSU Area(s): C2

AA/AS General Education: AA/AS C

THA-108 Improvisation for Dance and Theater
3 Units (LEC 48-54)

This course explores unscripted theater using techniques found in dance, action theater, mask work, contact improvisation, viewpoints, and theater games within the historical and cultural context of these methods. Students will develop as whole performers through learning intuitive response techniques in all performance situations. *Cross-listed as DAN-108.

Transfers to both UC/CSU

CSU Area(s): E1

AA/AS General Education: AA/AS C, AA/AS E

THA-110 Fundamentals of Acting
3 Units (LEC 48-54)

This course, through lectures, class discussion, improvisation and practical exercises provides the beginning acting student with the fundamental blueprint of the actor's craft. Students will create characters in the rehearsal and performance of monologues and scene work. Students will learn warm-up techniques, audition practices, theater etiquette, terminology, safety, and the fundamentals of the acting profession. Students will develop critical analyses of live and video taped performance in relation to the art and craft of acting.

Transfers to both UC/CSU

C-ID: THTR 151

CSU Area(s): C1

AA/AS General Education: AA/AS C

Course Related Content Group: Acting

THA-111 Intermediate Acting
3 Units (LEC 48-54)

This course offers a continuing study of acting technique for the serious theater student preparing for advanced work at the university or professional levels. Emphasis is placed on developing multi-dimensional characters, objectives, playable actions, believability and the working rehearsal process in both scene and solo study. Particular attention is paid to audition preparation, resume and portfolio development.

Prerequisite: THA-110 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: THTR 152

CSU Area(s): C1

AA/AS General Education: AA/AS C

Course Related Content Group: Acting

THA-112 Acting for Film and Television
3 Units (LEC 48-54)

This course covers the fundamentals of acting in front of the camera for film and television. Students learn elements of concentration and character creation, out-of-sequence shooting, the film making process, script/rehearsal procedures, and scene preparation for film. A large portion of the course involves watching, listening to and analyzing commercially filmed scenes or student in class on camera performances that approximate camera acting that may include TV dramas, sitcoms and commercials.

Prerequisite: THA-110 (with a grade of C or better).

Transfers to both UC/CSU

CSU Area(s): C1

Course Related Content Group: Acting

THA-113 Oral Interpretation of Literature
3 Units (LEC 48-54)

This course analyzes the art of communicating works of literary merit to an audience; it is an introduction to performance studies. Appropriate literary selection and the use of vocal skills, along with facial and body expression will be developed in order to present works of literature to a theatrical audience. Individual and group performances of poetry, prose, and drama are included. *Cross-listed as COMM-113.

Transfers to both UC/CSU

C-ID: COMM 170

CSU Area(s): C1

AA/AS General Education: AA/AS C

THA-117 Stagecraft
3 Units (LAB 48-54, LEC 32-36)

This course introduces the fundamentals of technical theater arts including scenic design, set construction, lighting and scenic painting. Students are taught the safe operation of hand and power tools and choosing the correct construction materials for a scenic design. Students will be given instruction in the working elements of a typical theater. Students may have the opportunity to construct, paint sets and set up lighting and sound equipment for MSJC Performing Arts productions.

Transfers to both UC/CSU

C-ID: THTR 171

CSU Area(s): C1

THA-118 Stage Management
3 Units (LEC 48-54)

This course presents the basic skills of stage management, which involves organizing and producing dramatic and musical plays. Through the study of stage managing, backstage operations, technical crews and equipment, budget, and house managing, the students identify the techniques necessary to stage manage and run a theater with the greatest effectiveness.

Transfers to both UC/CSU

THA-120 Stage Lighting
3 Units (LAB 48-54, LEC 32-36)

This course introduces students to the fundamentals of theatrical lighting. Study includes the operation of lighting equipment and control systems, theory of lighting design, color media, rigging and planning, light plots, and technical rehearsal and performance procedures.

Transfers to both UC/CSU

C-ID: THTR 173

THA-121 Costume Construction
3 Units (LAB 48-54, LEC 32-36)

This course will introduce the students to all aspects of costume construction including sewing, fabric modification, garment alteration and the relationship between fibers and fabrics. Study also involves a survey of the history of costuming including silhouette, costume organization, wardrobe maintenance, millinery, costume props, accessories and theatrical production to provide the student with a broad base of knowledge of costuming.

Transfers to both UC/CSU

C-ID: THTR 174

THA-122 Stage Makeup
3 Units (LAB 96-108, LEC 16-18)

This course introduces the student to the basic techniques and materials of stage makeup, with an emphasis on practical experience. Students will learn application, medium choices, color mixing, realistic and corrective functions, basic prosthetics, and the history and aesthetics of makeup design for specific plays.

Transfers to both UC/CSU

C-ID: THTR 175

THA-123 Introduction to Scene Design (formerly Models and Rendering)
3 Units (LAB 48-54, LEC 32-36)

This course introduces students to the processes and methodologies associated with Theatrical Scenic Design. It will examine the theory of scenic design as widely practiced currently using Computer Assisted Design programs (CAD), as well as traditional basic techniques and materials for perspective watercolor renderings and scale models. Students will create water color renderings and three dimensional scale models through play analysis, interpretation of ground plans, elevations, and construction plots.

Transfers to both UC/CSU

AA/AS General Education: AA/AS C

THA-124 Scenic Painting
3 Units (LAB 48-54, LEC 32-36)

This course is an introduction to the basic techniques and materials used in the painting of scenery for the stage. Demonstration of techniques will culminate in hands-on assignments that make extensive use of these materials to achieve a scenic effect. Students will learn color mixing, base, lay-out, lay-in, detail and the use of standard brushes and tools.

Transfers to both UC/CSU

THA-127 Reader's Theater
3 Units (LEC 48-54)

This course focuses on the theories and techniques of oral performance of literature and drama through solo, small group, and ensemble speaking. Students study script analysis, preparation and adaptation, staging and directing techniques and vocal skills. This course culminates in public performance. *Cross-listed as COMM-129.

Recommended Preparation: ENGL-98 or ESL-098.

Transfers to both UC/CSU

Course Related Content Group: Voice Movement

THA-135 Introduction to Film
3 Units (LEC 48-54)

This course introduces film aesthetics and theory which focuses on the art, technology, and business of film making. Elements of film production such as mise-en-scene, cinematography, composition, lighting and sound are explored for the purpose of film analysis. Analyses of both narrative and non-narrative filmic texts are explored to develop the students' perception, appreciation and analytic skills in film studies. Hollywood models of marketing and distribution, as well as independent film making approaches are studied.

Recommended Preparation: ENGL-098 or ESL-098.

Transfers to both UC/CSU

IGETC Area(s): 3B

CSU Area(s): C1

AA/AS General Education: AA/AS C

THA-136 Cultural History of American Motion Pictures
3 Units (LAB 48-54, LEC 32-36)

This course will consider the history of American commercial motion picture culture from its origins to the present. Students will study film language, the social composition of audiences, the economics of the film industry, major themes and genres that have appeared in American films, and the relationship between politics and American motion pictures. *Cross-listed as HIST-136.

Recommended Preparation: ENGL-101 or concurrent enrollment in ENGL-101.

Transfers to both UC/CSU

IGETC Area(s): 3B, 4F

CSU Area(s): C2

AA/AS General Education: AA/AS B2, AA/AS C

THA-137 Introduction to World Cinema
3 Units (LAB 48-54, LEC 32-36)

This course introduces international film studies by considering film language, international audiences and marketing, relationships between governments and businesses and film production, technological diffusion and innovation, and film content.

Recommended Preparation: ENGL-098 or ESL-098.

Transfers to both UC/CSU

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C

THA-137H Honors Introduction to World Cinema
3 Units (LAB 48-54, LEC 32-36)

This course introduces international film studies by considering film language, international audiences and marketing, relationships between governments and businesses and film production, technological diffusion and innovation, and film content.

Prerequisite: Acceptance into the Honors Enrichment Program.

Recommended Preparation: ENGL-098 or ESL-098.

Transfers to both UC/CSU

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS C

THA-155 Musical Theater History
3 Units (LEC 48-54)

This course is the study of the evolution of the American theatrical art form surveying the western musical theater tradition from Ancient Greece to the emergence of American Musical Theater in the latter half of the 19th century to the present day. The focus is on the specific social, economic, political, global and cultural contexts that led to the type of musical theater that was produced in each era. *Cross-listed as HIST-165.

Transfers to both UC/CSU

IGETC Area(s): 3A

CSU Area(s): C1

AA/AS General Education: AA/AS B2, AA/AS C

THA-201 Rehearsal and Performance
1-3 Unit (LAB 144-162)

This course is a laboratory designed to give the student a variety of experiences in acting and theater production. The student will work on presenting plays through rehearsal techniques that build skills in all areas of theater including involvement in production, acting, and artistic teams. This course culminates in public performance.

Prerequisite: By audition and/or interview.

Transfers to both UC/CSU

C-ID: THTR 191

Course Related Content Group: Theater Production

THA-216 Musical Theater Production: Theater
1-3 Unit (LAB 144-162)

This course is designed for the presentation of a musical theater production. Students will learn the fundamentals of preparation of a production including: rehearsal technique, learning and maintaining a vocal harmony part or solo song, acting, character development, analysis of dramatic text, movement/dance and technical theater.

Prerequisite: By audition and/or interview.

Transfers to both UC/CSU

Course Related Content Group: Musical Theater Production, Theater Production

THA-299 Special Projects: Theater Arts
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Theater Arts classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

Water Technology (WATR)

WATR-299 Special Projects: Water Technology
1-3 Unit (IS 16-54)

Students with previous course work in the program may do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor.

Prerequisite: Two Water Technology classes must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.

Transfers to CSU only

WATR-500 Introduction to Water/Wastewater Operations (formerly WATR-100)
1 Unit (LEC 16-18)

This course covers water utility operations plus the basic knowledge needed to advance in the industry. Regulations, industry certification, and the examination process will be discussed as a part of this course. (formerly WATR 100)

Transfers to CSU only

WATR-503 Water Treatment Plant Operations I & II (formerly WATR-103)
3 Units (LEC 48-54)

This course will cover sources of water, the water treatment process, water treatment plant operations, safety, water quality regulations, and waterworks mathematics. The course will prepare students for Water Treatment Plant Operator I or II (T-1 or T-2) licenses for the State of California. (formerly WATR 103)

Recommended Preparation: WATR-790.

Transfers to CSU only

WATR-505 Water Treatment Plant Operations III, IV & V (formerly WATR-105)**3 Units (LEC 48-54)**

The course covers sources of water, the water treatment process, water treatment plant operations, safety, water quality regulations and waterworks math. This course is designed for individuals seeking employment or already employed in the water industry. It covers the Water Treatment Plant Operator's job-related knowledge identified by the State Water Resources Control Board examination developers as essential for minimally competent Water Treatment Plant Operator III, IV or V (T-3, T-4, or T-5). (formerly WATR 105)

Prerequisite: WATR-503 (with a grade of C or better).**Recommended Preparation:** WATR-790.

Transfers to CSU only

WATR-507 Water Distribution I & II (formerly WATR-107)**3 Units (LEC 48-54)**

The course covers the sources of water, principles of design, installation, operation and maintenance of pipes, pumps, valves, meters, and other related hydraulic units. Operation and maintenance safety considerations are emphasized. The course is designed to prepare the student to take the State of California Water Distribution Operator exam. (formerly WATR 107)

Recommended Preparation: WATR-790.

Transfers to CSU only

WATR-509 Water Distribution III, IV & V (formerly WATR-109)**3 Units (LEC 48-54)**

This course exposes students to advanced principles in the operation and maintenance of a water distribution systems. State regulations, administrative duties, and basic supervision responsibilities will also be examined. (formerly WATR 109)

Prerequisite: WATR-507 (with a grade of C or better).

Transfers to CSU only

WATR-520 Wastewater Treatment Plant Operations I & II (formerly WATR-120)**3 Units (LEC 48-54)**

This course is an introduction to wastewater treatment. Students will explore the scope, limits, and methods of wastewater treatment processes through readings, discussions, analysis, and laboratory study. This course is designed for individuals seeking employment or already employed in the wastewater field. It covers the wastewater operator's job-related knowledge identified by the CSWRB examination developers as essential for a minimally competent Grade I or Grade II Wastewater Treatment Plant Operator. (formerly WATR 120)

Recommended Preparation: WATR-790.

Transfers to CSU only

WATR-522 Wastewater Plant Operations III, IV & V (formerly WATR-122)**3 Units (LEC 48-54)**

This course explores the scope, limits, and methods of secondary and advanced treatment, solids handling, disinfection, and the reclamation of wastewater, through readings, discussions, analysis, and laboratory study. This course is designed for individuals seeking employment or already employed in the wastewater field. It covers the wastewater operator's job-related knowledge identified by the California State Water Resources Control Board examination developers as essential for a minimally competent Wastewater Treatment Plant Operator Grade III or above. (formerly WATR 122)

Prerequisite: WATR-520 (with a grade of C or better).

Transfers to CSU only

WATR-525 Test Procedures for Water and Wastewater (formerly WATR-125)**3 Units (LEC 48-54)**

This course prepares students to analyze and interpret test data relating to water/wastewater treatment plants. Topics include: Basic chemistry and related mathematical analyses involved in the operation of water/wastewater treatment plants; tests necessary to maintain process control of wastewater treatment plants as well as monitoring of industrial wastes prior to disposal; and proper methods for collecting and handling samples. (formerly WATR 125)

Recommended Preparation: WATR-790, WATR-503, WATR-507 or WATR-520.

Transfers to CSU only

WATR-526 Introduction to Wastewater Collections**3 Units (LEC 48-54)**

This course is designed to train operators in the practical aspects of operating and maintaining wastewater collection systems, emphasizing safe practices and procedures. The course focuses on the knowledge, skills, and abilities required to perform the essential duties of an entry-level wastewater collection system operator. The course also prepares students to take the California Water Environment Association (CWEA) Collection System Certification Exam.

Transfers to CSU only

WATR-530 Environmental Laws and Regulations (formerly WATR-130)**3 Units (LEC 48-54)**

This course provides an overview of federal, state, and local laws pertaining to environmental protection and pollution prevention relating to water quality, air quality, solid waste, and cross media contamination. (formerly WATR 130)

Transfers to CSU only

WATR-533 Introduction to Water Use Efficiency**3 Units (LEC 48-54)**

This introductory water conservation course is designed for students interested in working as a water use efficiency practitioner. It includes the expected range of knowledge required for the American Water Works Association (AWWA) Water Use Efficiency Practitioner I Certificate.

Transfers to CSU only

WATR-537 Introduction to Water Utility Management
3 Units (LEC 48-54)

This course is designed for students interested in managing water and/or wastewater utilities. Topics will include personnel management, organizational management, financial management, training, problem-solving/decision-making, regulatory compliance, health and safety programs, community relations, personal and professional skills.

Prerequisite: WATR-530 (with a grade of C or better).

Prerequisite/Corequisite: WATR-509, WATR-505 or WATR-522.

Transfers to CSU only

WATR-549 Cooperative Work Experience: Water Technology (formerly WATR-149)

0.5-8 Units CWE Paid 37.5-600/Non-paid 30-480

This course is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the students' educational or occupational goal (Title 5 section 55252). Students may earn a maximum of (8) semester credit hours during one enrollment period. Students may earn up to a total of 16 semester credit hours for all Cooperative Work Experience Education. Offered as pass/no pass only. (formerly WATR 149)

Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. A training agreement must be completed prior to registration. Please refer to the Cooperative Work Experience Student Handbook for specific information. Transfers to CSU only

WATR-740 Wells, Pumps and Motors (formerly WATR-140)
3 Units (LEC 48-54)

This course will provide students with a basic knowledge of domestic water wells, water booster pumps, pump theory, electric motor theory and design. Water well design regulations and abandonment will be discussed as well as maintenance procedures in the field and in the shop. The class will cover the various types of pumps used in the water industry and discuss the various uses and maintenance issues for each style of pump. (formerly WATR 140)

Not transferable

WATR-790 Basic Waterworks Mathematics (formerly WATR-090)
2 Units (LEC 32-36)

This course is an introduction to the mathematics used in water industry. Students will learn the basic formulas and functions needed to calculate area, volume, instantaneous flow, chemical dosage and other related problems. (formerly WATR 090)

Not transferable

WATR-795 Wastewater Technology Math
2 Units (LEC 32-36)

This course prepares students for the quantitative and algebraic questions typically encountered on wastewater collections and wastewater treatment operations licensing examinations. Topics include, but are not limited to, unit conversion, volume, velocity, flow rates, chemical dosages, process control, and solids handling.

Not transferable

Wine Industry and Technology (WINE)

WINE-100 Introduction to Viticulture (formerly VEW-100)
3 Units (LEC 48-54)

This course is an introduction to viticulture; historical perspective of grape cultivation for table grapes, wine and raisins; grape varieties and species; botany, anatomy, propagation, climate, cultivation, vineyard management, plant, soil, irrigation, fertilization and pruning; weed, disease and pest control; training and pruning grapevines; harvest and post-harvest operations. (formerly VEW 100)

Transfers to both UC/CSU

AA/AS General Education: AA/AS A

WINE-102 Introduction to Enology (formerly VEW-102)
3 Units (LEC 48-54)

This course serves as an introduction to the science of winemaking, including history and geographical distribution; grape varieties and wine types; influence of climate and soil; wine fermentation, handling, storage and bottling methods; wine disorders; winery sanitation; legal compliance. Students must be 21 years or older to participate in wine tasting. (formerly VEW 102)

Transfers to CSU only

AA/AS General Education: AA/AS A

WINE-500 Wine Hospitality (formerly VEW-106)
3 Units (LEC 48-54)

This course is an introduction to hospitality skills and knowledge for those industries where wine is offered for consumption. Topics include wine service in the tasting room and restaurant, marketing, sales, staff development, events planning, food and beverage coordination, hospitality and alcoholic beverage law, tasting room design and organization, wine club development and management. Basic enology and viticulture, wine tasting techniques, the study of the major wine regions, grape varieties and classic blends. (formerly VEW 106)

Transfers to CSU only

WINE-501 Introduction to Winery Business Principles (formerly VEW-108)
3 Units (LEC 48-54)

This course is an introduction to the business of winemaking; marketing, basic accounting, media relations, product management, inventory control, state and federal compliance licensing, industry trends, distribution channels, wine club development and management, human resources and ALC management, state and federal taxation, insurance, vintage forecasting and industry contracts. *Cross-listed as BADM-501. (formerly VEW 108)

Transfers to CSU only

WINE-549 Cooperative Work Experience: Viticulture, Enology, and Winery Technology (formerly VEW-149)
0.5-8 Units CWE Paid 37.5-600/Non-paid 30-480

This course is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the students' educational or occupational goal (Title 5 section 55252). Students may earn a maximum of (8) semester credit hours during one enrollment period. Students may earn up to a total of 16 semester credit hours for all Cooperative Work Experience Education. Offered as pass/no pass only. (formerly VEW 149)

Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. A training agreement must be completed prior to registration. Please refer to the Cooperative Work Experience Student Handbook for specific information. Transfers to CSU only

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Dean of Student Services - Vacant

Dean of Student Services - Dolores Smith

Dean of Student Services - Patrick Springer

Dean of Student Services - Vacant

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Associate Dean of Student Services - Maya Cardenas

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Director of Talent Search Grant Program - Kevin Baker

Director of Upward Bound Program - Marisa Jones

Director of Veteran Resources - Terry Russell

Superintendent/President Emeritus

Dr. Milo P. Johnson

Dr. Richard J. Giese

As of 3/31/21

Acevedo, Cristina

Assistant Professor, English

B.A., California State University, Fullerton

M.A., California State University, Fullerton

Aguilar, Shelley

Associate Professor, Biology

A.A., San Bernardino Valley College

B.A., University of California, Riverside

M.S., California State University, San Bernardino

Ph.D., University of LaVerne

Akyol Ataman, Zeynep

Associate Professor, Biology

B.A., Ankara, International

M.A., Ankara, International

Ph.D., University of Iowa

Alaei, Bahareh

Associate Professor, English

B.A., University of Berkeley

M.A., California State University, Long Beach

Alarcon, Herbert

Associate Professor, History

A.A., Mt. San Jacinto Community College

A.S., Mt. San Jacinto Community College

B.A., University of California, Riverside

M.A., California State San Marcos

Allen, Rebecca

Associate Professor, Anatomy & Physiology

B.S., University of Pacific

Ph.D., University of California, Riverside

Alvia, Hyman

Associate Professor, Counselor

A.A., Victor Valley Community College

A.S., Victor Valley Community College

B.A., California State University, San Bernardino

M.A., California State University, Dominguez Hills

Amezcuca, Rosalva

Associate Professor, Counselor

B.A., University of California, Riverside

M.S., University of Wisconsin, Madison

Angeles, Miranda

Associate Professor, Counselor

B.A., California State University, San Marcos

M.A., University of San Diego

Anthony, Crystal

Associate Professor, Biology

A.A., Southwestern Community College

B.S., University of Washington

D.P.T., Slippery Rock University

Bader, Jason

Associate Professor, Studio Art/Graphic Design

B.A., California State University, Long Beach

M.F.A., University of California, Los Angeles

M.A., University of California, Riverside

Ed.D., Boise State University

Baker, Kevin

Director of Talent Search Grant Program

B.S., University of California San Diego, San Bernardino

M.A., California State University, San Bernardino

Baldwin, Taylor

Associate Professor, Mathematics

B.A., California State University, San Bernardino

M.S., University of California, Riverside

Ph.D., University of California, Riverside

Barbera, Angela

Student Success Coordinator

A.A., Mt. San Jacinto Community College

A.A., Mt. San Jacinto Community College

A.A., Mt. San Jacinto Community College

B.A., California State University, San Bernardino

M.A., University of Redlands

Barraza, Bertha

Professor, Counselor

A.A., Riverside Community College

B.A., University of California, Riverside

M.S.W., University of Southern California

D.M., University of Phoenix

Barraza, Larry

Associate Professor, Business

B.S., California State Polytechnic University, Pomona

M.B.A., California State University, San Bernardino

Beckham, Michael

Associate Professor, Mathematics

B.S., University of California, Riverside

M.S., University of California, Riverside

Beckstrand, Marilena

Associate Professor, Mathematics

B.A., Austin Peay State University

M.S., California State University, San Marcos

Bennett, William

Associate Professor, Networking

MCSE, MCT, CIW Certification

B.V.E., California State University, San Bernardino

M.A., California State University, San Bernardino

M.S., California State University, Fullerton

Bergin, William

Associate Professor, Computer Information Systems
B.S., San Diego State University
B.A., San Diego State University
M.A., San Diego State University
M.S., San Diego State University

Bhuiyan, Arafiena

Associate Professor, English
B.A., University of California, Los Angeles
M.A., San Diego State University

Bing, Darnell

Associate Professor, Umoja Counselor/Coordinator
B.S., University of Southern California
M.E., University of Southern California
Ed.D., University of Southern California

Blake, Ted

Associate Professor, English/Learning Center Coordinator
B.A., Principia College
M.A., University of Kansas

Borton, Jennifer

Associate Professor, Spanish
A.A., Santa Rosa Junior College
B.A., Sonoma State University
M.A., New York University, Spain

Bowman, Ronald

Associate Professor, Business/Accounting
B.S., Brigham Young University
M.B.A., Brigham Young University

Brown, Aysia

Director of Student Judicial Affairs
B.A., Arizona State University
M.A., Arizona State University

Brown, Jeremy

Vice President of Instruction
B.M.E., Baylor University
M.M., University of Texas, Austin
D.M.A., University of Texas, Austin

Bryan, Crystal

Associate Professor, English
B.A., National University
M.A., National University

Burleson, Jennifer

Associate Professor, Counselor
B.S., Ohio State University
M.S., California State University, Fullerton
Ed.D., Argosy University

Butenko, Anton

Assistant Professor, Mathematics
B.A., California State University, San Bernardino
M.A., University of California, Irvine

Calhoun, Shauni

Associate Professor, Biology

B.A., California State University, San Bernardino
Ph.D., University of California, Riverside

Campbell, Amy

Director of Adult Education/Non-Credit Programs
Administrative Services Credential
A.A., California State University, San Bernardino
B.A., University of Phoenix
M.A., Azusa Pacific University

Campbell, Lisa

Director of CalWORKs/TANF
B.A., Chapman University
M.A., Chapman University

Candelaria, David

Associate Professor, Accounting
CPA Certification
B.A., California State University, Fullerton
M.S., California State University, Fullerton

Caputo, Michael

Associate Professor, Engineering
B.S., University of Southern California
M.S., University of Southern California

Cardenas, Maya

Associate Dean of Student Services
B.A., University of California Irvine
M.S., California State University, Long Beach

Castro, Kyle

Associate Professor, Mathematics
B.A., California State University, San Bernardino
M.A., California State University, San Bernardino
Ph.D., University of California, Riverside

Castro, Lissette

Associate Professor, Spanish
A.A., Palomar College
B.A., California State University, San Marcos
M.A., University of California, Davis

Cobb, Lota

Assistant Professor, Learning Skills
B.A., Philippine Normal College
M.S., Capella University

Coffin, Carol

Associate Professor, English
B.A., Western Michigan University
M.A., Eastern Michigan University

Coleman, Rebecca

Assistant Professor, English
A.A., Mt. San Jacinto Community College
B.A., University of California, Los Angeles
M.A., California State University, Long Beach

Consalvi, Carrie

Associate Professor, Librarian
B.A., Azusa Pacific University
M.L.I.S., University of Hawaii

Constein, Jason

Director of Accommodation Service Center (formerly DSPS)

B.A., San Diego State University

M.A., San Diego State University

Correia-Jordan, Elizabeth

Associate Professor, Spanish

A.S., North Virginia College

B.A., University of California, Irvine

M.A., University of California, Irvine

Cortes-Stankus, September

Assistant Professor, Nursing

B.S.N., Western Governors University

M.S.N., Western Governors University

D.N.P., American Sentinel University

Craddock, Christian

Associate Professor, Anatomy & Physiology

B.S., University of Warwick

Ed.D., University of Warwick

Cranney, Karen

Associate Professor, Counselor

B.S., Rider College

M.A., University of Colorado

Ed.D., University of Southern California, Los Angeles

Cunningham, Tammy

Director of Procurement & General Services

A.A., Mt. San Jacinto College

Curley Basgall, Meghan

Associate Professor, Counselor

B.A., Santa Clara University

B.S., Santa Clara University

M.A., Arizona State University

Davis, Jared

Director of Academic Records & Enrollment Support

A.A., Mt. San Jacinto College

A.A., Mt. San Jacinto College

A.A., Mt. San Jacinto College

B.A., University of California, Riverside

M.A., Capella University

Day, Kimberly

Director of Child Development & Education Center

B.S., University of LaVerne

M.S., University of LaVerne

Dillard, Mary Lou

Director of Counseling

A.A., Mt. San Jacinto College

A.A., Mt. San Jacinto College

M.A., Azusa Pacific University

Doktorski, Eileen

Associate Professor, Art

B.F.A., Parsons School of Design

M.F.A., Yale School of Art

Donnhauser, Marc

Dean of Instruction

B.A., California Baptist University

M.A., California Baptist University

Donovan III, Thomas

Associate Professor, Philosophy

B.A., Michigan State University

M.A., Michigan State University

Ph.D., University of California, Riverside

Duffie, Dwight

Associate Professor, Computer Information Systems

B.S., Loma Linda University

M.S., Claremont Graduate School

Eason, Serinna

Associate Professor, Physical Education

B.A., West Virginia University

M.A., West Virginia University

Teaching Credential, California Baptist University

M.A., California State University, Long Beach

Escamilla, Elias

Assistant Professor, Counselor

A.A., Southwestern Community College

B.A., University of California, Riverside

M.A., California State University, San Bernardino

Farrar, William

Associate Professor, Administration of Justice

B.S., Kensington University

M.A., Kensington University

M.B.A., University of Redlands

M.S.T., University of Cambridge

Farrington, Susan

Associate Professor, Nursing

A.S., Riverside Community College

A.S.N., Riverside Community College

B.S.N., University of Phoenix

M.S.N., California State University, San Bernardino

Fears, Shartelle

Associate Professor, Counselor

A.A., Mt. San Jacinto Community College

A.S., Mt. San Jacinto Community College

B.A., Azusa Pacific University

M.A., Azusa Pacific University

Feeler, Angela

Associate Professor, Nursing Lab Resource Coordinator

B.A., Chamberlin College of Nursing

M.S., Kaplan University

Firtha, Farah

Associate Professor, Chemistry

B.S., University of California, Riverside

M.S., University of California, Riverside

Fleming, Michael

Associate Professor, Communications

A.A., Chaffey Community College

B.A., California State University, San Bernardino

M.A., California State University, San Bernardino

Fountain, Vanessa

Associate Professor, Music

B.M., California State University, Los Angeles
M.M., California State University, Los Angeles
D.M.A., University of Arizona

Francis, Tracy

Associate Professor, Diagnostic Medical Sonography
B.A., University of Redlands

Franco, Todd

Dean of Facilities Planning, District Construction & Support Services
B.A., University of Phoenix
M.A., University of Redlands

Franklin, Anya

Associate Professor, Librarian
B.A., California State University, Chico
M.L.S., San Jose State University

Freeman, Julenda

Associate Professor, Dance
B.A., University of California, Riverside
M.F.A., University of California, Riverside

Garcia, Nicholas

Associate Professor, Nursing
A.S., Barstow Community College
A.S., Mt. San Jacinto Community College
M.S., Western University of Health Sciences

Gibbons, Rosaleen

Associate Professor, Chemistry
A.A., Mt. San Jacinto Community College
A.S., Mt. San Jacinto Community College
B.S., University of California, Riverside
Ph.D., University of California, Riverside

Glaze, Chet

Assistant Professor, Art
B.A., California State University, San Bernardino
M.F.A., University of California, Santa Barbara

Gomez, Elizabeth

Vice President of Business Services
B.A., California State University, San Bernardino
M.S., California Baptist University

Granche, Kelly

Associate Professor, Health & Nutrition
B.S., California Polytechnic State University, San Luis Obispo
M.S., California State University, Northridge
Ed.D., Pepperdine University

Grimes, Kristen

Director of Board & Executive Services
A.S., Mt. San Jacinto College
B.A., Brandman University

Gutierrez-Zamano, Estella

Associate Professor, English
B.A., University of California, Irvine
M.A., University of California, Los Angeles
M.A., National University
M.S., California State University, Fullerton
Ph.D., University of California, Los Angeles

Guu, Ching-Jing

Associate Professor, Mathematics
B.A., University of California, Berkeley
Ph.D., University of California, Riverside

HaMai, Truc

Assistant Professor, Psychology
B.A., Bryn Mawr College
M.A., California State University, Long Beach
Ed.D., California State University, Long Beach

Hammock, Andrea

Associate Professor, English
B.A., California State University, San Bernardino
M.A., California State University, San Bernardino

Hanz, Keith

Associate Professor, Photographic Technology/Commercial Photography
B.F.A., University of Illinois at Urbana-Champaign
M.F.A., University of Illinois at Urbana-Champaign

Harper, Michelle

Associate Professor, Child Development & Education
A.S., Moorpark College
M.S., California Polytechnic State University, San Luis Obispo
Ed.D., Argosy University

Hartman, Joshua

Associate Professor, Chemistry
B.S., Colorado State University
M.S., University of Denver
Ph.D., University of California, Riverside

Harvey, Marilyn

Dean of Career Education
B.A., Point Loma Nazarene University
M.A., Point Loma Nazarene University

Heiden Scott, Belinda

Associate Professor, Business/Management
A.A., Mt. San Antonio Community College
B.S., Capella University
M.A., Capella University
Ed.D., Capella University

Heinsma, Dewey

Associate Professor, Economics
A.A., Lane Community College
B.S., Portland State University
M.S., Portland State University
M.B.A., Northcentral University

Helms, Del

Distance Education Faculty Coordinator
Associate Professor, Health Science
B.A., Colorado State University
M.A., Azusa Pacific University
Ed.D., Pepperdine University

Hennessy, Caren

Associate Professor, Business/Management
B.A., John Carroll University
M.B.A., Cleveland State University
Ed.D., Argosy University

Hert, Paul

Program Review and Assessment Coordinator
Associate Professor, Mathematics
B.S., California State University, San Bernardino
M.A., University of California, Riverside

Hlebakos, Jason

Associate Professor, Environmental Sciences
B.A., University of California, Berkeley
Ph.D., University of California, Riverside

Hochstrat, Susan

Associate Professor, Counselor
A.A., Mt. San Jacinto Community College
A.A., Mt. San Jacinto Community College
A.S., Mt. San Jacinto Community College
B.A., California State University, San Bernardino
M.A., Azusa Pacific University
Ed.D., Brandman University

Hoodenpyle, Morgan

Associate Professor, History
B.A., California State University, San Marcos
M.A., Arizona State University
Ph.D., Arizona State University

Houseman, Hillary

Assistant Professor, Anatomy & Physiology
B.S., Western Washington University
M.S., Western University of Health Sciences

James, Pamala

Associate Professor, Counselor
B.A., California State University, Long Beach
M.S., California State University, Long Beach

Jensen, Ann

Director of Risk Management
B.S., Bellevue University
M.A., Brandman University

Jensen, Gail

Associate Dean of Business Services
B.A., California State University, Long Beach
M.B.A., Brandman University

Johnson, Joyce

Executive Dean of Instruction
A.A., San Bernardino Valley Community College
A.S., Victor Valley Community College
B.S., University of Phoenix
M.S., California State University, Dominguez Hills

Jones, Marisa

Director of TRIO Grant Program
B.A., California State University, Chico
M.A., California State University, Chico

Kazi, Nizam

Professor, Mathematics
B.Sc., Chittagong University, Bangladesh
M.Sc., Chittagong University, Bangladesh
M.S., West Coast University, Los Angeles
Ph.D., University of Southern California

Kenyon, Patrick

Associate Professor, Mathematics
B.A., California State University, San Diego
M.A., California State University, San Diego

Knuth, John

Associate Professor, Art
B.A., University of Minnesota
M.A., University of Southern California

Lawson, Von

Dean of Career Education
B.A., Langston University
M.A., University of Central Oklahoma

Le, Charlene

Associate Professor, Nursing
B.S., San Diego State University
M.S., California State University, San Bernardino

Levasseur, Janice

Associate Professor, Supplemental Instruction Coordinator
B.S., Sonoma State University
M.S., University of California, Riverside

Leyden, Matthew

Associate Professor, Counselor
B.S., California Polytechnic State University, San Luis Obispo
M.S., National University
Ed.D., American College of Education

Lopez, Fabian

Assistant Professor, Emergency Medical Technologies
B.S., University of Phoenix

Lopez, Maria

Associate Professor, Psychology
A.A., Chaffey Community College
B.A., California State University, Fullerton
M.S., California State University, Long Beach

Luna-Sims, Leticia

Instructional Activity Coordinator
B.A., California State University, San Marcos
M.A., University of San Diego

McAllister, Lisa

Associate Dean of Student Health Services
B.S.N., University of Phoenix
M.S.N., University of Phoenix
D.H.A., University of Phoenix

McClenahan, Jeffrey

Assistant Professor, Anatomy & Physiology
B.A., University of Colorado
M.S., University of Colorado
Ph.D., University of Colorado

Maier, Mark

Associate Professor, Physics/Astronomy
B.S., University of California, Irvine
M.S., San Diego State University

Mardichian, Andreea

Associate Professor, Mathematics

B.S., California State University, Northridge
M.S., California State University, Northridge

Maroudas, Carla

Associate Professor, English
B.A., California State University, San Marcos
M.A., California State University, San Marcos

Marriott, Karin

Director of Public Information Marketing & Strategic Communications
A.A., Crafton Hills Community College
B.A., University of Redlands
M.B.A., Brandman University

Marsala, Alan

Associate Professor, Digital Media
B.A., University of California, San Diego
M.A., National University

Martin, Erika

Assistant Professor, Learning Skills
A.A., Palomar Community College
B.A., Southern Illinois University
M.S., California State University, San Bernardino

Martinez, Michael

Assistant Professor, Chemistry
B.S., California State University, Los Angeles
M.A., The Scripps Research Institute

Martinez, Patrick

Associate Professor, Mathematics
B.A., California State University, San Bernardino
M.A., California State University, San Bernardino

Martinez, Ricardo

Associate Professor, Administration of Justice
B.A., University of Phoenix
M.A., University of Phoenix

Mason II, Roy

Professor, Biology/Environmental Science
B.A., University of Colorado
M.S., Oregon State University
Ph.D., Oregon State University

Mazzotta, Casey

Associate Professor, Physical Education
A.A., Cerritos Community College
B.S., Brigham Young University
M.Ed., Azusa Pacific University

Menz, Evelyn

Associate Professor, Learning Center Coordinator
B.S., Southeast Missouri State University
M.A., Southeast Missouri State University

Mesaris, Nikilos

Associate Dean of Research
B.A., California State University, San Bernardino

Miller, Tracy

Assistant Professor, Nursing
B.S.N., University of Phoenix

M.S.N., Western Governors University

Mondragon, Luis

Associate Professor, Mathematics
B.A., California State University, San Bernardino
M.A., California State University, San Bernardino

Moore, Brandon

Vice President of Institutional Effectiveness & Enrollment Management
B.A., Point Loma Nazarene University
M.S., San Diego State University

Moore, Sherri

Associate Professor, Library Science
A.S., Mt. San Jacinto Community College
B.A., University of California, Riverside
M.L.S., San Jose State University

Moss, David

Associate Professor, Communication
B.A., California State University, Long Beach
M.A., California State University, Long Beach
Ph.D., Capella University

Mull, John

Associate Professor, English
B.A., University of California, Santa Barbara
M.F.A., University of Arizona

Myers, Morris

Director of Workforce and Economic Development
B.A., University of Houston

Naggi, Paula

Associate Professor, Theater/Dance
B.A., University of California, Riverside
M.A., California State University, Fullerton

Naish, Cheri

Associate Dean of Instructional Support Services
A.S., Mt. San Jacinto Community College
B.A., California State University, San Marcos

Nance, Cindy

Associate Professor, Geography/GIS
B.A., University of California, Berkeley
M.A., Northern Arizona University
Ph.D., Louisiana State University

Nance, Marlon

Associate Professor, Earth Science
B.S., Brigham Young University
M.S., University of California, Davis

Nasr, Fadi

Associate Professor, Mathematics
B.S., University of California, Santa Barbara
B.S., University of California, Santa Barbara
M.A., University of California, Santa Barbara

Newman, Ron

Associate Professor, Communication
A.A., Crafton Hills Community College
B.A., California State University, San Bernardino

M.A., California State University, San Bernardino

Nishimoto, Rhonda

Associate Professor, Multimedia
B.A., California State University, San Bernardino
M.A., California State University, San Bernardino
Ed.D., Capella University

Oberg, Anjeanette

Associate Professor, Psychology
A.A., Riverside Community College
B.A., California State University, San Bernardino
M.A., California State University, San Bernardino

Oliver, Gina

Associate Professor, Physical Education
B.S., University of California, Santa Barbara
M.S., San Diego State University
M.A., San Diego State University

Orlauski, Brian

Dean of Information Technology
B.A., University of California, Los Angeles
M.S., Bellevue University

Orlauski, Rebecca

Director of Foundation & Donor Initiatives

Orloff, Micah

Dean of Distance Education & Technology
B.A., California State University, San Bernardino
M.A., California State University, San Bernardino

Ozolins, Erik

Professor, Anthropology
B.A., Ft. Lewis College
M.S., University of New Mexico

Palacios, Addison

Assistant Professor, English
B.A., University of California, Riverside
M.A., University of California, Riverside
Ph.D., University of California, Riverside

Pamula, Sujatha

Associate Professor, Biology
B.S., Nizam College, Osmania University, India
M.S., University of Hyderabad, India
M.S., California State University, Los Angeles
Ph.D., University of California, Riverside

Parrott, David

Associate Professor, Audio & Video Technology
A.A., Mt. San Jacinto Community College

Paseman, David

Director of Campus Safety
B.S., National University
M.A., Chapman University

Peace, Dan

Associate Professor, Psychology
B.S., University of Illinois at Urbana-Champaign
M.A., Northeastern Illinois University

Ph.D., Brandman University

Pensiero, Robert

Assistant Professor, Automotive
B.A., University of Redlands

Plotkin, Michael

Associate Professor, Biology
B.S., University of Massachusetts, Amherst
M.S., Lesley University
M.S., University of California, Davis

Pomerenke, Heather

Associate Professor, Counselor
B.A., University of California, San Diego
M.A., California State University, San Bernardino

Powell-Gibbons, Shezwae

Associate Professor, Theater
B.A., University of California, Berkeley

Ramirez, Alma

Dean of Instruction
B.A., University of California, Riverside
M.A., University of Illinois
Ed.D., Pepperdine University

Ramon, Roy

Associate Professor, Basic Skills Coordinator
B.A., Our Lady of the Lake University
M.A., DePaul University

Ramos De Guzman, Betsaida

Associate Professor, Career Technical Education Counselor
B.A., California Baptist University
M.A., California Baptist University

Randhawa, Amrik

Assistant Professor, Computer Information Systems
B.S., California State University, San Bernardino
M.A., California State University, Fullerton

Rea, Eric

Associate Professor, Music
B.A., Bob Jones University
M.A., Bob Jones University

Reed, Valerie

Associate Professor, Sociology
A.A., Fashion Institute of Design
B.A., California State University, San Marcos
M.A., California State University, San Marcos

Reeves, Nick

Associate Professor, Biology
B.S., Western Washington University
Ph.D., University of California, San Diego

Rietkerk, Aaron

Associate Professor, History
B.A., Azusa Pacific University
M.A., California State University, Fullerton
Ph.D., The London School of Economics and Political Science

Rihan, Basemeh

Associate Professor, Communication
A.A., Palomar Community College
B.A., California State University, San Marcos
M.A., California State University, San Bernardino

Roberts, Denise

Assistant Professor, Nursing
A.A., East Los Angeles College
B.S.N., University of Phoenix
M.S.N., University of Phoenix

Rogers, Jeremy

Associate Professor, American Sign Language
B.A., Gallaudet University
M.A., Western Oregon University

Rosser Middleton, Linda

Associate Professor, Child Development & Education
B.A., Pacific Oaks College
M.A., Pacific Oaks College

Russell, Terry

Director of Veteran Resources
B.S., Southern Illinois University
M.S., Southern Illinois University

Rycraft, Rickianne

Dean of Instruction
B.A., California State University, San Marcos
M.A., California State University, San Marcos
M.F.A., Pacific University, Forest Grove

Sadjadi, Shahla

Associate Professor, Mathematics
B.A., The College of William & Mary
M.A., California State University, San Bernardino

Samadani, Sepehr

Associate Professor, Anatomy & Physiology
B.A., California State University, Fresno
M.D., University of California, Los Angeles

Sanchez, Gloria

Associate Professor, Accounting
B.A., California State University, Fullerton
M.B.A., National University
Ed.D., Capella University

Scaletta, Dominick

Associate Professor, Mathematics
B.A., Columbia University, New York
B.S., Columbia University, New York
M.S., University of California, Riverside

Schultz, Roger

Superintendent/President
B.A., University of Southern California
M.A., University of Southern California
Ph.D., Capella University

Searl-Chapin, Stacey

Associate Professor, Political Science
B.A., University of California, Riverside
M.A., University of California, Riverside

Ph.D., University of California, Riverside

Sherkat, Bahram

Associate Professor, Mathematics
B.A., University of California, San Diego
M.A., University of California, San Diego

Simmons, Avante

Director of Career & Workforce Programs
B.A., Azusa Pacific University
M.A., Azusa Pacific University

Slattery, Lorraine

Associate Professor, Child Development & Education
B.A., California State University, San Bernardino
M.A., California State University, San Bernardino
Ed.S., Walden University

Smith, Dolores

Dean of Student Services
A.A., Southwestern Community College
B.A., National University
M.S., National University

Smith, Patrick

Associate Professor, Geology/Environmental Science
B.S., Brigham Young University
M.A., California State University, Fresno
Ph.D., University of California, Riverside

Smith, Tamara

Associate Professor, History
B.A., Saint Mary's College
M.A., San Diego State University

Snider, Derek

Assistant Professor, Spanish
B.A., Southern Virginia University
M.A., Arizona State University

Somers, Tatiana

Associate Professor, Counselor
A.A., Mt. San Jacinto Community College
B.A., California State University, Fullerton
M.A., University of Redlands
Ed.D., Argosy University

Springer, Lauren

Associate Professor, English
B.A., California, State University, San Marcos
M.A., California State University, San Marcos
Ph.D., University of Redlands
Ed.D., Grand Canyon University

Springer, Patrick

Dean of Student Services
B.A., University of Iowa
M.A., Mid-America Nazarene

Stekovic, Dejan

Assistant Professor, Chemistry
B.S., University of Shippensburg
M.S., University of California, Riverside
Ph.D., University of California, Riverside

Stevenson, Glenn

Associate Professor, Computer Information Systems
B.A., University of California, Irvine
M.S., Azusa Pacific University
Ph.D., Capella University

Stewart, Michelle

Professor, English
B.A., Stanford University
M.A., University of Nevada, Reno
Ph.D., University of California, Riverside

Stirling, Anna

Associate Dean of Distance Education & Professional Development
A.S., Mt. San Jacinto Community College
B.A., California State University, San Marcos
M.A., Capella University

Stocke, Collin

Assistant Professor, Anatomy & Physiology
B.S., University of Louisville
M.S., University of Louisville

Stokes, Jeannine

Chief Human Resources Officer
B.A., Brandman University
B.A., Laguna Culinary Arts
M.B.A., Keller Graduate School of Management

Stratton, Katherine

Associate Dean of Enterprise Applications & Cloud Infrastructure
B.S., California State University, San Marcos

Sullivan, Ryan

Associate Professor, English
B.A., University of Redlands
M.A., University of California, Riverside

Swan-Finch, Bianca

Assistant Professor, Theater
B.A., University of California, Santa Barbara
M.F.A., University of California, Los Angeles

Teague, Rebecca

Executive Dean of Institutional Effectiveness & Strategic Initiatives
B.A., University of California, Los Angeles
M.A., California State University, Dominguez Hills

Tone, Lyndsey

Associate Professor, Counselor
B.A., University of California, Irvine
M.A., University of Redlands

Torres, John

Associate Professor, Anthropology
B.A., University of California, Riverside
M.A., University of California, Riverside

Tovares, Carlos

Dean of Institutional Effectiveness
B.A., University of Florida
M.A., University of Washington
Ph.D., University of Washington

Triblehorn, John

Assistant Professor, Music
B.M., University of Redlands
M.M., University of Redlands

Twitty, Brian

Director of Maintenance & Operations

Uhl, Suzanne

Associate Professor, Communications
B.A., San Diego State University
M.A., San Diego State University
Ph.D., Regent University

Uvalle, Amanda

Associate Professor, English
B.A., California State University, Fullerton
M.A., California State University, Fullerton
Ph.D., University of California, Riverside

Valdez, Jorge

Associate Professor, Mathematics
B.A., University of California, Riverside
M.S., University of California, Riverside

Valdez, Susanne

Associate Professor, Child Development & Education
B.A., California State University, Fullerton
M.A., California State University, Fullerton

Vargas, Gary

Associate Professor, History
B.A., University of California, Santa Barbara
M.A., University of California, Riverside

Verduzco, Sonia

Assistant Professor, Career Education Counselor
B.A., University of California, Santa Cruz
M.A., California Lutheran University

Vogel-Traut, Michelle

Associate Professor, Psychology
A.S., Palomar Community College
B.A., California State University, San Marcos
M.A., California State University, San Marcos
Ed.D., San Diego State University

Vrtis, April

Associate Professor, Counselor
A.A., Long Beach City Community College
B.S., University of Houston, Clear Lake
M.A., California State University, Dominguez Hills
M.A., California State University, Dominguez Hills

Wakjira, Samson

Associate Professor, Economics
B.A., Addis Ababa University
M.S., Addis Ababa University

Weber, Michele

Associate Professor, Communication
B.A., California State University, San Bernardino
M.A., California State University, Fullerton
Ph.D., Capella University

Welden, Michael

Associate Professor, Mathematics
B.S., University of Illinois at Urbana-Champaign
M.S., University of Illinois at Urbana-Champaign

Whalen, Jess

Associate Professor, Anthropology
B.A., California State University, Sacramento
Ph.D., The University of Edinburgh

Wilkes, Daryl

Director of Maintenance & Operations
A.A., Mt. San Jacinto College
A.S., Mt. San Jacinto College
B.A., California State University, Dominguez Hills

Williams, Shanae

Director of Financial Aid
B.A., San Diego State University

Winslow, Susan

Associate Professor, English
B.A., University of Southern California, Los Angeles
M.A., California State University, Long Beach
Ed.D., Capella University

Wirth, Escarlet

Assistant Professor, Counselor
A.A., Mt. San Jacinto Community College
B.A., California State University, San Bernardino
M.A., University of Redlands

Wright, Pamela

Director of Institutional Research
B.A., University of California, San Diego
M.A., University of California, Los Angeles
Ph.D., University of San Diego

Yamanaka, Christina

Associate Professor, History
B.A., University of California, Los Angeles
M.A., University of California, Los Angeles

Yates, Lisa

Associate Professor, Counselor
B.A., California State University, San Bernardino
M.A., California State University, San Bernardino

Zappia, Nicholis

Assistant Professor, Political Science
B.A., California State University, San Bernardino
M.P.A., California State University, San Bernardino

Zografos, Peter

Associate Professor, Director of the School of Nursing
B.A., Concordia University
Diploma, Vanier College, Canada
M.S.N., University of Phoenix
Ph.D., Capella University

As of 03/31/21

Classified Staff Business Services

Avila, Gloria

Broussard, Yvette

Bustamante, Deanna

Campbell, Alicia

Dmitriyeva, Tatyana

Durgin, Venita

Gutierrez, Mayra

Haldeman, Kimberlee

Hernandez, Maria

Kimbrough, Stacy

Marrs, Jennifer

Morales, Diane

Muehlebach, Eric

Ochoa, Melissa

Owen, Tracie

Ruffin, Joselyn

Sarabia, Nicole

Schatz, David

Shearer, Ra'chel

Shurtz, Michelle

Staley, Hazelena

Thornton, Selene

Worthington, Elizabeth ¹

Campus Safety

Auten, Brandon

Casto, Edward

Cuevas, Geovanni

De La Cruz, Jorge

Del Castillo, Steven

French, Kevin

Groomer, Cory

Kovich, Shannon

Martinez-Sarabia, Daniel

Mashuqa, Ahmad

Meyer, Austin
Myers, Ryan ¹
Ramos, Gilberto
Salvador, Emmanuel
Saucedo, Edward
Shenton, Thomas
Stecher, Robert
Warbington, Tina
Wyer, Michael

Continuing Education and Workplace Training

Carr, Nancy
Emmenegger, Terri
Espinoza, Nelida
Fernandez, Elva
Jimenez, Lupe
Ledesma, Soraya

Facilities and Grounds

Aguilar, Julio
Alvarado, Joseph
Bartel, Bobby
Bittle, Ricky
Briones, Fred
Brown, Kelvin
Calhoun, Anthony
Campbell, Jeffrey
Carbajal Leyva, Alejandro
Cerde, Enrique ¹
Estrada, Jr. Danny ¹
Fabian, Martin
Flores, Armando
Franco, Ryan
Heffley, Samuel
Howlett, William
Johnson, David ¹
Kasper, Scott ¹
Leyva, Alejandro

Luevano, Marian
Maldonado, Jairo
McDaniel, Stephen
Mendez Zarco, Jose
Mercer, Tyler
Montenegro, Alexis
Pacheco, Edwin
Palacio, John
Patino, Miguel
Plummer, Richard
Ramirez Jr., Juan ¹
Shehee, Thomas
Shoemaker, Elden ¹
Son, Kenneth
Tamayo, Jorge
Thomas, Albert
Thorn, Vinson
Torres, Chantel
Valdes-Hernandez, Alfonso

Human Resources

Contreras, Veronica
Covington-James, Lanell
Hebert, April
Huerta, Marcy
Jones, Veronica
Kammer, Heather
Macias, Brittany
Perez-Flores, Debria
Pina, Nicole
Schnabel, Alison

Institutional Effectiveness

Allison, James
Anand, Devnol
Anderson, Mitchel
Ballou, Justin
Bautista, Jorge

Bennett, Justin ¹

Brady, Cory

Duckett, Anna

Excell-Wertman, Shelley

Ferris, Staci

Gomez Uribe, Mayra

Greathouse, Damien ¹

Gutierrez, Fernando

Haddad, David

Holman, Robert

Hughes, Derek

Lampley, Timothy

Lanphere, Jill

Lee, Randi

Love, Monica

Madore, Frederick ¹

Marin, Joseph

Martinez, Alejandro

Medure, John

Nguyen, Michael

Peterson, David

Platt, Christopher

Pyle, Tara

Ramaker Patrick

Reyes, Milton ¹

Rollins, Dennis

Saldivar, Eric

Sanchez, Anthony

Sandstrom, Stephen

Smith, Cheryl

Smith, Lon

Smith, Samuel

Stafford, Aaron ¹

Withrow, Karla

Instruction

Abriam, Christine

Alvarado, Nancy

Anderson, Angelica

Aquino, Maria

Baker, Julie

Barreto, Trinidad

Bridge, Dawn

Burse Jr., Charles

Castorena, Kristin

Chavez, Amanda

Coromandel, Kendra

Cortes, Carmen

Cuevas, Araceli

Davis-Ward, Imagine

DeMarco, Diana

Del Rio, Naomi

Diaz, Timothy

Drumm, Angela

Dual, Toni

Duarte, Dominique

Edghill, Hallam

Evans, Janet

George, Jeffrey

Giacalone, Susan

Goellnitz, Jennifer

Grace, Debbie

Gribbin, Tricia

Guerrero Jr., Jose

Gutierrez, Amber

Heredia, Sylvia

Hill, Constance

Hiten, Vanesse

Hodge, Cheri

Hughes, Jenny

Jones, Renee

Kiser, Christopher

Lawler, Tabitha

Leovao, Zanya
Lowery, Carol
Mabee, Sheila
Marrs, Jamie
Marquez, Karla
Mateo, Jeremy
Mendo Cabrejos, Juana
Morales, Adrianna
Moran, Timothy
Mulder, Travis
Mungo, Sharon
Nijm, Dina
Noble, Michael
Olson, Shelley
Perez, Veronica
Perry, Camille
Peterson, Jennifer
Pickens, Jenner
Razo, Steven
Rios, Kathalena
Rivera, Ann Marie
Romero, Ryan
Russell, Astrid
Russell, Rose
Saucedo, Monica
Sawyer, Sherri
Serna, Remigio
Shaw, Raymond
Son, Lina
Sparks, Jeremy
Stenlake, Stephen
Tate-Meyer, Carrie
Taylor, Sandra
Thornhill, Laura
Turner, Tessa
Truong, Anthony

Valdez, Vanessa
Vandewater, Tina
Vazquez, Jennifer
Vonner, Erica
Weiss, Stephanie
Welch, Melissa
Witt, Dawn

Library

Harvey, Theresa
Maggard, Jeanne
Spires, Andrew
Suitt, Jan
Thornhill, Laura

Public Information/Marketing

Armas, Rony
Cason, Stephanie
Meier, James ¹
Velasquez, Gladys
Walker, Eric

Student Services

Angeles, Eva
Aguilar, Shehnaz
Aljumaily, Zahra
Alvarado, Jacqueline
Amador, Meghan
Ames, Becky
Arevalo, Briana
Bell, Taylor
Bernstein, Yannely
Bowles, Lizabeth
Bravo, Aimee
Bravo, Esmeralda
Brunken, David
Chacon Perez, Diana
Ching Lee, Cynthia
Colcol, Bernardo

Contreras, Leslie
Dearman, Krystal
Escobar, Jonnika
Furr, Bernadette ¹
Garcia, Alicia
Garcia, Ermelinda
Garcia, Karla
Giddings, David
Goebel, Meredith
Griffiths, Whitney
Hallett, Emma
Hebert-Scott, Tanya
Higuera, Araceli
Hoover, Todd
Huggins, Brenda
Huteson, Sara
Jackson, Carla
Jimenez, Rosa
Jimenez, Rosetta
Johnson, Randi
Lample, Joseph
Lewis, Dena
Magana, Marisela
Mapes, Mary
Marruffo, Corina
Marquez, Giovanna
Mascaro, Elizabeth
Mason, Grace
Mata Leon, Juan
McDougle, Dillon
Meza, Susana
Moncada, Martina
Mozga, Christopher
Munoz, Rosa
Ortega, Suzanne
Paez-Mendez, Selena

Parker, Robert
Pasqualetto, Emily
Perez, Melissa
Ponio, Kathy
Prentice, Cynthia
Pruitt, Deja
Ragsdale, Jennie
Rangel Monroy, Sergio
Rashad, Silvia
Rhea-Bobo, Tiffany
Rice, Maria
Rivas, Benny
Rivera-Hernandez, Jose
Rodriguez, Jessica
Rodriguez-Torres, Monique
Rogers, Amber
Rosales Guijosa, Jannett
Schmidt, Austin
Scott, Mary
Smith, Alexia
Solis, Estefany
Uhrig, Sandra
Vang, Selissa
Warbington, Tina
Yansane, Sekou

Superintendent/President's Office

Morales, Jeanette
Morrison, Jacqua

Support Services

Ambriz, Gilbert
Anderson, Myron
Cerde, Carlos
Domenigoni, Mandie
Dupre Jr., Kenneth
Flores, Beatriz
Ledesma, Aristeo

Marquez, Claudia

Naish, Justin ¹

Simms, Angelina

Tercero, Christian

Valentine, Ella

Wellington, Jordan

As of 03/31/21

¹ Indicates supervisory staff.

MSJC CATALOG ARCHIVE

2021-2022 CATALOG ADDENDUM

This catalog addendum contains new and updated information to the original publication of the 2021-2022 Mt. San Jacinto College Catalog.

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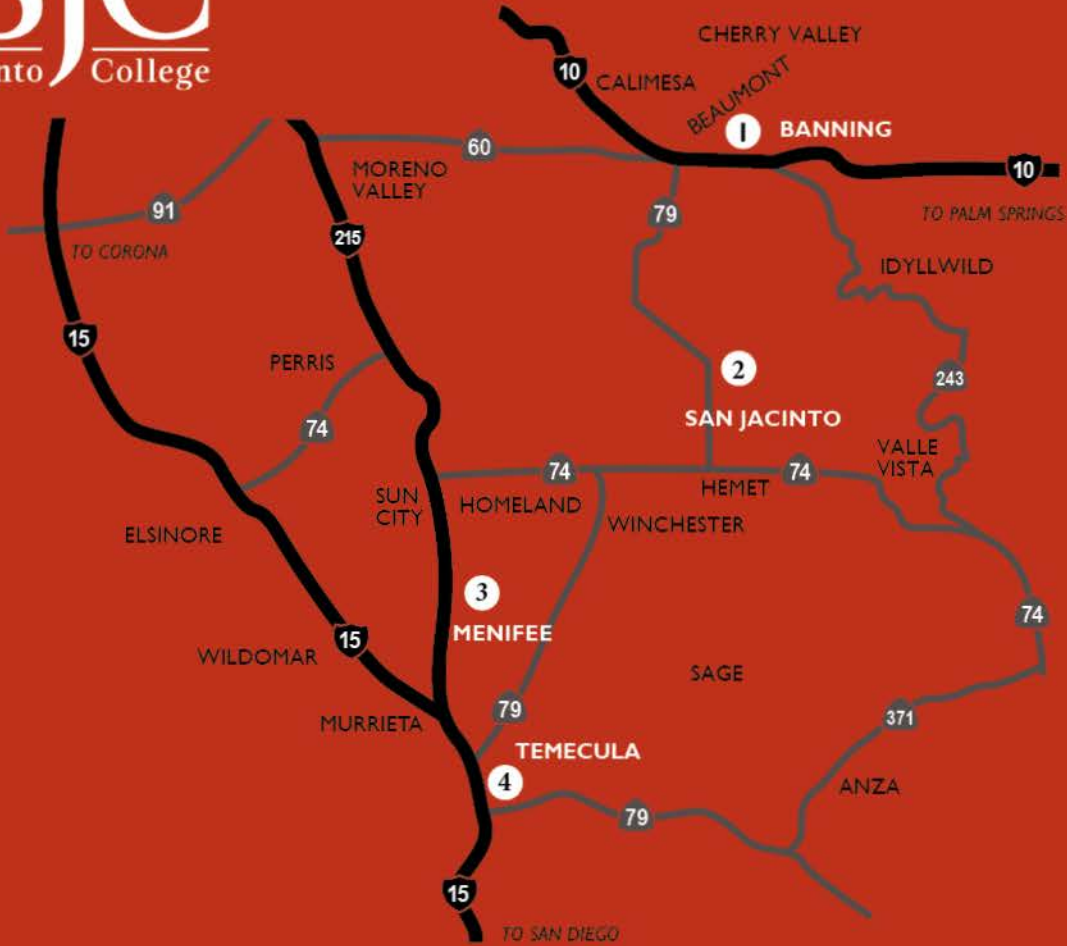
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1 San Geronimo
Pass Campus

3144 W. Westward Avenue
Banning, CA 92220
951.922.1327



2 San Jacinto
Campus

1499 N. State Street
San Jacinto, CA 92583
951.487.6752



3 Menifee Valley
Campus

28237 La Piedra Road
Menifee, CA 92584
951.672.6752



4 Temecula Valley
Campus

41888 Motor Car Parkway
Temecula, CA 92590
951.487.6752