### Administration of Justice

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ 101 Criminal Law</td>
<td>3</td>
<td>This course studies the history, philosophy, constitutional provisions of law, and the classification of crimes. This course also examines the application of criminal law to the criminal justice system through review of case law, methodology, and concepts of law in society. Course material also categorizes and evaluates specific crimes and analyzes the most frequently used sections of the Penal Code. Prerequisite: None. Recommended Preparation: ENGL-062. --AA/AS General Education: AA/AS B2 --Transfers to both UC/CSU</td>
</tr>
<tr>
<td>AJ 102 Introduction to Law Enforcement</td>
<td>3</td>
<td>This course is an introduction to the history and philosophy of various agencies (law enforcement, courts and corrections) involved in the administration of criminal justice. This course examines the process from detection of crime to final adjudication of the case. This course also provides an evaluation of modern police services in the areas of drugs, gangs, terrorism. This course also provides a survey of career opportunities. Prerequisite: None. Recommended Preparation: ENGL-062. --AA/AS General Education: AA/AS B2 --Transfers to both UC/CSU --CSU Area(s): D8</td>
</tr>
<tr>
<td>AJ 103 Criminal Evidence</td>
<td>3</td>
<td>This course provides fundamental information about the rules governing the admissibility of evidence in court. The fundamental information includes rules of evidence, presumptions and inferences, character or reputation, proof of other acts and offenses, hearsay evidence, statements, admissions and confessions, conspiracy, documentary and best secondary evidence. This includes the identification of evidence in criminal cases and the collection and preservation of evidence. Prerequisite: None. Recommended Preparation: ENGL-062. --Transfers to CSU only</td>
</tr>
<tr>
<td>AJ 104 Patrol Procedures</td>
<td>3</td>
<td>This course examines the basic responsibilities, techniques and methods of police patrol and operations, including theories of patrol, goals, patrol environment, hazards, community-oriented policing, and problem-oriented policing. In addition, this course analyzes patrol supervision, staffing and deployment, special issues in patrol operations, upgrading the patrol function, traffic enforcement, the handling of criminal activity, report writing as well as ethics in law enforcement. Prerequisite: None. Recommended Preparation: ENGL-062. --Transfers to CSU only</td>
</tr>
<tr>
<td>AJ 105 Public Safety Report Writing</td>
<td>3</td>
<td>This course demonstrates techniques of effectively communicating facts, information and ideas in a clear and logical manner. This course also focuses on the procedural aspects of the court system from 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 also examined. Prerequisite: None. Recommended Preparation: ENGL-062. --Transfers to CSU only</td>
</tr>
<tr>
<td>AJ 106 Juvenile Procedures</td>
<td>3</td>
<td>This course covers 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 pertinent laws affecting youth are covered 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 covered. Prerequisite: None. Recommended Preparation: ENGL-062. --Transfers to CSU only</td>
</tr>
<tr>
<td>AJ 108 Criminal Investigation</td>
<td>3</td>
<td>This is a course on basic criminal investigation techniques. The course covers discussions of the theories of criminal law, criminal evidence and crime scene identification tasks. Crime scene report writing, crime scene diagrams, collection and preservation of physical evidence, sources of information, interviews and interrogation are examined. In addition, ethics in law enforcement as they relate to the criminal investigator is also assessed. Prerequisite: None. Recommended Preparation: ENGL-062. --Transfers to CSU only</td>
</tr>
<tr>
<td>AJ 109 Interview and Interrogation Techniques</td>
<td>1.5</td>
<td>This course will provide the student with a review of the proper techniques necessary for effective interviewing and interrogation for both the public and private sector. It also includes an examination of the laws that relate to the admissibility of solicited statements in a court of law such as the 4th, 5th and 14th amendments as well as the Miranda Rights. Prerequisite: None. --Transfers to CSU only</td>
</tr>
<tr>
<td>AJ 110 Crime Scene Sketching and Note Taking</td>
<td>1.5</td>
<td>This course will provide the student with the fundamentals of proper techniques for searching patterns, crime scene sketching, diagramming and effective note taking. Included will be methods of crime scene measurements, map legends, interviewing techniques for both the public and private sector and preparation for courtroom presentation as well as an overview of the latest technology in this area. Prerequisite: None. --Transfers to CSU only</td>
</tr>
<tr>
<td>AJ 111 Criminal Procedures</td>
<td>3</td>
<td>This course covers criminal procedures from arrest to the final adjudication of the 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 from 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 also examined. Prerequisite: None. Recommended Preparation: ENGL-062. --AA/AS General Education: AA/AS B2 --Transfers to CSU only --CSU Area(s): D8</td>
</tr>
</tbody>
</table>
Course Descriptions

AJ 112  
Introduction to Criminology  
LEC 48-54  
3 units  
This course is the study of crime in America including theories of the causes of criminal behavior, nature, extent, control and prevention of crimes. It focuses on the person and the group, criminal behavior systems, police behavioral response to criminal activity and its nature and causes. Prerequisite: None. Recommended Preparation: ENGL-062.  
--Transfers to CSU only

AJ 115  
Introduction to Probation and Parole  
LEC 48-54  
3 units  
This course provides the history and role of probation and parole and its interaction with the various components of the criminal justice system. The course will include the history and duties of probation officers and parole agents and their supervision of the probationer and parolee in the community. Prerequisite: None. Recommended Preparation: ENGL-062.  
--Transfers to CSU only

AJ 118  
Police Community Relations  
LEC 48-54  
3 units  
This course is a review of police community relations programs. Various police operational and organizational practices dedicated to the enhancement of relationships between police departments and their respective community will be examined. This course explores the philosophy that ethics and efficiency within a law enforcement agency is greatly enhanced with the public’s understanding of the police function and the public’s support of the agency’s goals. Prerequisite: None. Recommended Preparation: ENGL-062.  
--Transfers to both UC/CSU

AJ 125  
Vice and Narcotics Control  
LEC 48-54  
3 units  
This course provides the history and statutory case laws that relate to narcotic and vice enforcement. The identification and definitions of narcotic drugs and addiction, gambling, prostitution, pornography and alcohol violations will be examined. This course also examines the relationship linking narcotics and vice to organized crime and the negative impact on the community. Prerequisite: None. Recommended Preparation: ENGL-062.  
--Transfers to CSU only

AJ 128  
Traffic Control, Enforcement and Investigation  
LEC 48-54  
3 units  
This course is designed to prepare the student to understand the basic concept of traffic flow, traffic index, control and enforcement as well as factors contributing to the problem. The causal factors of accidents, their investigation, proper scene management, relevant factors of prevention, and the study of vehicle code laws including inventory, storage and seizure of vehicles will also be examined. Prerequisite: None. Recommended Preparation: ENGL-062.  
--Transfers to CSU only

AJ 149  
Occupational Internship: Administration Of Justice  
3 units  
This course allows students to experience the actual discipline of Administration of Justice in the occupational setting. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: 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 Occupational Internship Student Handbook for specific information.  
--Transfers to CSU only

AJ 299  
Special Projects: Administration Of Justice  
IS 16-54  
1-3 units  
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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Administration of Justice classes; a contract must be completed with the instructor prior to enrollment.  
--Transfers to CSU only

CORR 101  
Introduction to Correctional Science  
LEC 48-54  
3 units  
This course provides an overview of the history and trends of corrections. It focuses on the legal issues, statutory law, 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 Correctional Science field. Prerequisite: None. Recommended Preparation: ENGL-062.  
--Transfers to CSU only

CORR 102  
Control and Supervision in Corrections  
LEC 48-54  
3 units  
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. Prerequisite: None. Recommended Preparation: ENGL-062 and CORR-101.  
--Transfers to CSU only

CORR 103  
Correctional Interviewing and Counseling  
LEC 48-54  
3 units  
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. Prerequisite: None. Recommended Preparation: ENGL-062 and CORR-101.  
--Transfers to CSU only

CORR 104  
Legal Aspects of Corrections  
LEC 48-54  
3 units  
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. Prerequisite: None. Recommended Preparation: ENGL-062, AJ-101 and AJ-103.  
--Transfers to CSU only
Course Descriptions

Alcohol/Drug Studies

**ADS 090**
Survey of Alcohol/Drug Studies Program
LEC 16-18
This survey course gives the perspective ADS student an overview of the current problems associated with alcohol and drug addiction with appropriate current laws, an outline of the ADS program and what is expected of students entering the program, career potential upon completion of the program, and an overview of the State of California Certification Board of Alcohol/Drug counselor requirements. This course must be taken prior to entering the MSJC ADS program. Prerequisite: None.
--Transfers to CSU only

**ADS 101**
Introduction and Overview of Alcohol and Drug Studies
LEC 48-54
This course, designed for students considering career fields related to counseling in Alcohol/Drug treatment programs, presents an introduction and overview of substance abuse within our culture. Students will examine myths and stereotypes, socio-cultural factors which contribute to use and abuse of substances, patterns of abuse, family dynamics, modalities of treatment, program planning, client education, community resources, referrals, and intervention techniques. This course prepares the student to enter the MSJC Alcohol/Drug Program course work and helps students become familiar with state-of-the-art recovery methods available. Prerequisite: ADS-090 (with a grade of C or better).
--Transfers to CSU only

**ADS 102**
Pharmacology and Biomedical Aspects of Alcohol and Other Drugs
LEC 48-54
This course examines effects of alcohol and other mind-altering drugs on the body, highlighting the resulting impairment to the body’s organs. Students will learn the pharmacology of addiction and how it affects behavior, and diagnostic procedures used to measure these effects. In addition, this course provides information on the effects on human sexual functions, pharmacological and physiological treatment and recovery programs available. This course is designed for the student continuing studies in the ADS program as well as some students pursuing health related fields. Prerequisite/Corequisite: ADS-101 (with a grade of C or better).
--Transfers to CSU only

**ADS 103**
Law and Ethics, Community Prevention, Education, Outreach and Referral
LEC 48-54
This course covers the legal aspects of counseling as well as patient rights including the laws of confidentiality and exceptions to confidentiality. The concepts of prevention and community education/outreach will be covered along with screening and interview techniques, crisis intervention and crisis counseling techniques. This course is designed for students continuing in the ADS program. Prerequisite: ADS-101 (with a grade of C or better).
--Transfers to CSU only

**ADS 104**
Case Management: Assessment, Orientation, Treatment, Planning and Relapse Prevention
LEC 48-54
This course intended for the ADS program participant presents information related to initial admission requirements for alcohol and drug assistance programs, assessment requirements for orientation to the programs, disciplinary rules, costs of programs and methods of payment and client’s rights; treatment goals, methods of charting, and treatment and recovery plans; roles of aftercare in the treatment process, importance of client follow-up, relapse dynamics, various modalities of treatment, program planning, client education, community resources, referrals, and intervention techniques. Prerequisite/Corequisite: ADS-101 (with a grade of C or better).
--Transfers to CSU only

**ADS 105**
Domestic Violence
LEC 48-54
This course presents an introduction and overview of Domestic Violence within cultures. Students will examine myths, stereotypes, socio-cultural factors that contribute to Domestic Violence while focusing on patterns, family dynamics, laws, various modalities of treatment, treatment planning, and client education. Personal assessment will include looking at personal values and attitudes on Domestic Violence and motives for selecting counseling as a profession. Prerequisite/ Corequisite: ADS-103.
--AA/AS General Education: AA/AS B2
--Transfers to CSU only

**ADS 110**
Introduction to Counseling
LEC 48-54
An introduction to counseling, this course provides the student with a solid overview of counseling theories, including psychoanalytic, behavioral, cognitive, and person-centered therapies. Each approach is examined from both the group and individual counseling perspective. Techniques and methods of counseling will be demonstrated and practiced through role-playing and small group discussions to provide a good foundation for counseling. *Cross-listed as PSYC-110. Prerequisite: PSYC-101 (with a grade of C or better).
--Transfers to CSU only

**ADS 115**
Individual, Family and Group Counseling
LEC 48-54
This course provides an in-depth study of theories and practices of individual, group, and family counseling, emphasizing learning and practical skills of counseling. Theories and models for family therapy, theories of stages of group development, techniques for family therapy, and the roles of the facilitator/counselor will be discussed. The student will learn how counselors help clients mobilize his/her problems and/or modify attitudes and values that block the recovery process. *Cross-listed as PSYC-115. Prerequisites: ADS-110/PSYC-110 (with a grade of C or better).
--Transfers to CSU only

**ADS 116**
Introduction to Dual Diagnosis
LEC 48-54
This course is designed to instruct students when working with dually diagnosed clients in the assessment, referral and professional collaboration process. This includes the major concepts of chronic mental illness, DSM criteria, integrated treatment and relapse prevention. Prerequisite: ADS-110/PSYC-110 and PSYC-108 (with a grade of C or better).
--Transfers to CSU only

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Course Descriptions

**ADS 118** 3 units
Dual Diagnosis: Counseling & Case Management  LEC 48-54
This course is designed to instruct students working in the dual diagnosis field in the art of counseling and case management of clients with coexisting psychiatric and addictive disorders (Substance Abuse). The issues of psychotropic medications, medication side effects, decompensation, and effective case management as a member of an interdisciplinary team are covered. Special focus will be given to integrating the addiction model and mental health model of treatment. Prerequisite: ADS-116 (with a grade of C or better).
--Transfers to CSU only

**ADS 120** 3 units
Personal and Professional Growth for Alcohol and Drug Counselors  LEC 48-54
This course studies the importance of personal and professional growth for the future Alcohol/Drug counselor. Certification requirements, professional associations, continuing education needs and requirements, as well as programs that aid the recovering counselor and counselor burnout are also examined. Basic academic skills necessary for the effective counselor will be covered such as reading and writing skills, oral communication skills, investigative skills, and case writing skills with practical exercise given. Personal skills include assertiveness, problem solving, and decision-making. Personal assessment will include looking at personal values and attitudes on special issues and the motives and values for selecting counseling as a profession. Prerequisite: ADS-101 and ADS-102 and ADS-103 and ADS-104 (with a grade of C or better).
--Transfers to CSU only

**ADS 149** 1-4 units
Occupational Internship:  Paid 75-300/Unpaid 60-240
Alcohol and Drug Studies
The purpose of this course is to enable eligible students to include supervised on-the-job training as an integral part of the total college educational program. This is accomplished through a planned program of learning experiences which combines academic and vocational learning at school with new learning experiences on the job in an occupational setting. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: 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 Occupational Internship Student Handbook for specific information. Corequisite: ADS-150; Student must complete 255 hours minimum at an approved (by ADS-150 instructor) agency or agencies where direct supervision is provided by a qualified staff person.
--Transfers to CSU only

**ADS 150** 3 units
Practicum Seminar  LEC 48-54
The practicum seminar is scheduled to be taken while the ADS student is doing his/her field experience at a community recovery facility and concurrently enrolled in ADS-149. This course reviews the content of all ADS courses with emphasis on the twelve core functions. Through participation in this class, the student can be better prepared for his/her fieldwork by improving their ability to measure ideal recovery program aspects. In addition, it provides the future Alcohol/Drug Counselor a basis for implementing his/her own preferences when they are working in the field. Prerequisite: All course work completed although one core or skill class may be taken concurrently with internship. Corequisite: ADS-149.
--Transfers to CSU only

**Allied Health**

**AH 070** 1 unit
Survey of Health Occupations  LEC 16-18
This course is recommended for persons interested in allied health related careers. Students are introduced to health care careers, career planning, and the admissions process for VN and RN programs. Offered as pass/no pass only. Prerequisite: None.
--Not transferable

**AH 072** 3 units
Medical Assistant: Administrative Procedures  LEC 48-54
(formerly Medical Assistant Administrative)
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. Prerequisite/Corequisite: MATH-051 (with a grade of C or better).
--Not transferable

**AH 073** 4 units
Medical Assistant: Clinical Procedures  LEC 48-54/LAB 48-54
(formerly Medical Office Assistant Technician: Back Office)
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 clinical medical assisting functions including taking and recording vital signs, sterilization and disinfection, routine and specialty physical exams, gynecologic and prenatal care, minor office surgery, administration of medication, urinalysis, interview and document patient complaints, and perform CPR and first aid. Prerequisite: None.
--Not transferable

**AH 078** 3 units
Medical Assistant Computerized Office Procedures  LEC 48-54
This course familiarizes the student with the computerized office skills necessary to become a successful user of medical account management software. Students will also learn a variety of other computerized administrative tasks including billing, building patients files, posting entries, and appointment scheduling. Prerequisite: None.
--Not transferable

**AH 082** 3.5 units
Telemetry Technician  LEC 48-54/LAB 24-27
This course is designed to teach the student the basic concepts of cardiac rhythm analysis and to develop an understanding of the 12 lead ECG. Students will analyze and evaluate cardiac rhythms through a systematic approach comparing electrophysiology to electrocardiogram save patterns. Training will prepare students to function as telemetry technicians. Prerequisite: None.
--Not transferable

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
AH 095  Medical Terminology  
This course is an introduction to medical terminology as used by health personnel, including physicians, nurses, dentists, medical secretaries, insurance clerks and medical office assistants. Medical terminology is a useful course in preparation for entrance into any medical course of study, such as nursing, emergency medical technician or medical assisting. Prerequisite: None. --Not transferable

AH 120B  Advanced Emergency Medical Technician  
This course is intended for the Emergency Medical Technician (EMT) that has successfully completed a Basic EMT course or is currently certified as an EMT. This course is designed primarily to give the basic EMT the additional practical skills beyond the basic EMT course. The student will learn how to read a map-book, complete additional field internships to sharpen practical skills. The student will learn proper customer service demeanor and emergency vehicle driving safety. Prerequisite: None. Corequisite: AH-120 or an Emergency Medical Technician certification. --Transfers to CSU only

AH 122  Medical Ethics  
The allied health care student will learn about 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: None. --Transfers to CSU only

AH 124  Pathophysiology  
This course provides a survey of general principles of the disease process of organs and systems of the human anatomy. It includes chronic and acute diseases; respiratory, bone, and gastrointestinal tract diseases; diseases of the genitourinary systems and reproductive organs; and infectious diseases and neoplasms. Prerequisite: None. --Transfers to CSU only

AH 126  Techniques in Patient Care  
This course is designed to teach the 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: None. Other Enrollment Criteria: CPR Healthcare Provider Card. --Transfers to CSU only

AH 127  Infant to Adult Basic and Advanced Life Support  
This course is designed for medical professionals who will be working in the acute care setting or are preparing to work in the acute care setting. The following are examples of the individuals that would benefit from taking this class: individual in the nursing profession, Pre-hospital Care, Physicians Assistants, Nurse Practitioners and physicians. Advanced topics in resuscitation are taught. The student will resuscitate an infant, child, and adult in a mock resuscitation setting. Prerequisite: Nursing student, Licensed Vocational Nurse, Registered Nurse, Paramedic, Emergency Medical Technician, Physician Assistant, Nurse Practitioner

AH 149  Occupational Internship: Medical Assisting Clinical  
The purpose of this course is to enable eligible students to include supervised on-the-job training as an integral part of the total college educational program. This is accomplished through a planned program of learning experiences which combines academic and vocational learning at school with new learning experiences on the job in an occupational setting. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: 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 Occupational Internship Student Handbook for specific information. --Transfers to CSU only

AH 154  Medical Office Operations  
This course contains advanced terminology: legal and medical implications of preparing and securing medical documents; transcription materials and exercises adapted from actual medical documents. This course introduces basic, universal concepts of medical insurance and billing procedures. Prerequisite: None. --Transfers to CSU only

EMS 120  Emergency Medical Technician  
(formerly AH-120 Emergency Medical Technician I)  
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. The student will be able to provide emergency care for the public. Prerequisite: None. Recommended Preparation: Basic Electrocardiogram course and Anatomy and Physiology. --Transfers to CSU only

EMS 121  Emergency Medical Technician  
(formerly AH-121 Emergency Medical Technician I Basic (Refresher))  
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. Prerequisite: None. Recommended Preparation: EMS-120 or equivalent such as the California State EMT certification or the National registry EMT certification. --Transfers to CSU only

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Course Descriptions

American Sign Language

ASL 100  4 units
American Sign Language I
LEC 64-72
This course is the first in a series of ASL courses designed to introduce American Sign Language as it is used within the Deaf culture and introduce students to the basic structure, vocabulary and conversational strategies of the language. The culture of the Deaf community is also studied. This course is intended for students interested in learning to communicate with members of the Deaf community as well as in pursuing a competence in an additional language. This course meets the general education requirements for foreign language for MSJC, CSU, and UC. Prerequisite: None.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 6A
--CSU Area(s): C2

ASL 101  4 units
American Sign Language II
LEC 64-72
This course, the second in a series of ASL courses, presents a continuation of skills learned in ASL 100 and is designed to increase proficiency in American Sign Language structure, vocabulary and conversational strategies as used within Deaf Culture. This course is intended for students interested in expanding their skills and pursuing greater competence in an additional language. This course meets the general education requirements for foreign language for MSJC, CSU, and UC. Prerequisite: ASL-100 (with a grade of C or better).
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 6A
--CSU Area(s): C2

ASL 102  3 units
Fingerspelling, Numbers & Classifiers
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 Fingerspelled Loan Signs. This course addresses the use of classifiers and complex grammatical features in ASL. Classifiers will be defined and categorized. Prerequisite: ASL-101(with a grade of C or better).
--Transfers to CSU only

ASL 103  4 units
American Sign Language III
LEC 64-72
This course, the third in a series of ASL courses, is designed to expand proficiency with targeted lexicon, classifiers, structure, syntactical principles, and facial/body morphology as used within Deaf culture. Using ASL principles students will translate idiomatic usages of English into conceptually accurate ASL. This course is intended for students interested in expanding their skills and pursuing greater competence in an additional language. This course meets the general education requirements for foreign language for MSJC, CSU, and UC. Prerequisite: ASL-101 (with a grade of C or better).
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 6A
--CSU Area(s): C2

ASL 104  4 units
American Sign Language IV
LEC 64-72
This course, the fourth in a series of ASL courses, presents a continuation of skills learned in ASL 103 and is adding more complex ASL grammatical features and vocabulary to the description of increasingly complex constructs, processes and situations. It incorporates multiple character roles shifting into medium-length stories, narratives and the discussion of hypothetical issues. Information on cultural values and attitudes as they relate to the Deaf Community is also examined. This course meets the general education requirements for foreign language for MSJC, CSU, and UC. Prerequisite: ASL-103 (with a grade of C or better).
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 6A
--CSU Area(s): C2

ASL 105  4 units
American Sign Language V
LEC 64-72
This course, the fifth in a series of ASL courses, presents a continuation of skills learned in ASL-104 and is adding advanced complex ASL grammatical features and advanced vocabulary to the description of increasingly complex constructs, processes and situations. It incorporates multiple character role shifting and space referencing in the presentations, narratives and the discussion of hypothetical issues. Information on cultural values and attitudes as they relate to the Deaf Community is also examined. This course is a requirement for the AA degree in ASL Interpreting or Deaf Studies. Prerequisite: ASL-104 (with a grade of C or better).
--AA/AS General Education: AA/AS C
--Transfers to CSU only
--CSU Area(s): C2

ASL 110  3 units
Deaf Culture and Community
LEC 48-54
This course introduces observable attributes of Deaf and hearing individuals and the social, political, economic, educational, linguistic, and historical issues faced by each. The evolution, from a pathological view of D/deaf people to a cultural one, will be analyzed from a historical, anthropological and sociological perspective. Prerequisite: None.
--AA/AS General Education: AA/AS C or AA/AS F
--Transfers to both UC/CSU
--IGETC Area(s): 3B
--CSU Area(s): C2, D7

ASL 150  3 units
American Sign Language Linguistics
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. Prerequisite: ASL-104 (with a grade of C or better). Recommended Preparation: ENGL-145.
--Transfers to CSU only

ASL 299  1-3 units
Special Projects: American Sign Language
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. *NOTE: TBA (to be arranged) hours are included in
the total hours listed above. Prerequisite: Previous American Sign Language classes; a contract must be completed with the instructor prior to enrollment.

--Transfers to CSU only

Anatomy & Physiology

**ANAT 100**
Introduction to Anatomy and Physiology
LEC 48-54
This course provides a basic overview of the structure and function of the body for allied health students or those who desire a basic understanding of the human body. The content includes the anatomy and physiology as systems approach and includes selected homeostatic mechanisms and pathologies where appropriate. *Cross-listed as NURS-100. Prerequisite: None.

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5B
--CSU Area(s): B2

ANAT 101
Human Anatomy & Physiology I
LEC 48-54/LAB 96-108
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. Prerequisite: None. Recommended Preparation: BIOL-115.

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5B, 5C
--CSU Area(s): B2, B3

ANAT 102
Human Anatomy & Physiology II
LEC 48-54/LAB 96-108
This course is the second class in a two part series and 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).

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5B, 5C
--CSU Area(s): B2, B3

ANAT 299
Special Projects: Anatomy & Physiology
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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Anatomy classes; a contract must be completed with the instructor prior to enrollment.

--Transfers to CSU only

Anthropology

**ANTH 101**
Physical Anthropology
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: None.

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5B
--CSU Area(s): B2

**ANTH 101H**
Honors Physical Anthropology
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.

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5B
--CSU Area(s): B2

ANTH 102
Cultural Anthropology
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, 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. Prerequisite: None.

--AA/AS General Education: AA/AS B2 or AA/AS F
--Transfers to both UC/CSU
--IGETC Area(s): 4A
--CSU Area(s): D1

**ANTH 102H**
Honors Cultural Anthropology
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, 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. Prerequisite: Acceptance in the Honors Enrichment Program.

--AA/AS General Education: AA/AS B2 or AA/AS F
--Transfers to both UC/CSU
--IGETC Area(s): 4A
--CSU Area(s): D1

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
### Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Type</th>
<th>Title</th>
<th>Description</th>
<th>Transferability</th>
<th>Area(s)</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 103A</td>
<td>3</td>
<td>L EC</td>
<td>North American Indians</td>
<td>This course is an overview of the American Indian societies of North America from prehistoric times to the present. Ethnohistory, archaeology, language studies and cultural anthropology are used to understand diverse adaptations to the complex North American landscape, as well as the changes that occurred when Europeans invaded the continent. All of this is background for understanding current issues in American society. Prerequisite: None.</td>
<td>--Transfers to both UC/CSU</td>
<td>--CSU Area(s): D1</td>
<td>--AA/AS General Education: AA/AS B2 or AA/AS F</td>
</tr>
<tr>
<td>ANTH 103B</td>
<td>3</td>
<td>L EC</td>
<td>Northwest Coast Indian Cultures</td>
<td>This is an anthropological study of the Native American societies of the Northwest Coast of North America. Ethnohistory, archaeology, linguistics, and cultural anthropology combine to produce a comprehensive picture of these societies. Prerequisite: None.</td>
<td>--Transfers to both UC/CSU</td>
<td>--CSU Area(s): D1</td>
<td>--IGETC Area(s): 4A</td>
</tr>
<tr>
<td>ANTH 103C</td>
<td>3</td>
<td>L EC</td>
<td>Cultures of the Pacific Islands</td>
<td>This course uses ethnohistory, archaeology, linguistics, and cultural anthropology to understand the cultures and societies of the Pacific Islands from their beginnings to the present. Current issues for Pacific Islanders make sense in this context. Prerequisite: None.</td>
<td>--Transfers to both UC/CSU</td>
<td>--CSU Area(s): D1</td>
<td>--IGETC Area(s): 4A</td>
</tr>
<tr>
<td>ANTH 103D</td>
<td>3</td>
<td>L EC</td>
<td>Latin American Cultures</td>
<td>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 Inka. Prerequisite: None.</td>
<td>--Transfers to both UC/CSU</td>
<td>--CSU Area(s): D1</td>
<td>--IGETC Area(s): 4A</td>
</tr>
<tr>
<td>ANTH 103E</td>
<td>3</td>
<td>L EC</td>
<td>Cultures of Africa</td>
<td>This course uses ethnohistory, archaeology, linguistics, and cultural anthropology to understand the cultures and societies of Africa from their prehistoric times to the present. Prerequisite: None.</td>
<td>--Transfers to both UC/CSU</td>
<td>--CSU Area(s): D1</td>
<td>--IGETC Area(s): 4A</td>
</tr>
<tr>
<td>ANTH 104</td>
<td>3</td>
<td>L EC</td>
<td>World Prehistory</td>
<td>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, Northern Europe and North America among others. Prerequisite: None.</td>
<td>--Transfers to both UC/CSU</td>
<td>--CSU Area(s): D1</td>
<td>--IGETC Area(s): 4A</td>
</tr>
<tr>
<td>ANTH 104H</td>
<td>3</td>
<td>L EC</td>
<td>Honors World Prehistory</td>
<td>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, Northern Europe and North America among others. Prerequisite: Acceptance in the Honors Enrichment Program.</td>
<td>--Transfers to both UC/CSU</td>
<td>--CSU Area(s): D1</td>
<td>--IGETC Area(s): 4A</td>
</tr>
<tr>
<td>ANTH 110</td>
<td>1</td>
<td>L AB</td>
<td>Anthropology Laboratory</td>
<td>This laboratory course provides students with an opportunity for hands-on learning in any or all anthropological sub disciplines. Students will carry out laboratory and/or field exercises, which demonstrate the utility of anthropological methods and techniques for data gathering and problem solving. This course is designed for all who are curious about anthropology. It is useful for social science majors. It is also useful for career teachers who would like to learn to utilize anthropological strategies in their own classrooms. Prerequisite: None.</td>
<td>--Transfers to CSU only</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTH 111</td>
<td>1</td>
<td>L AB</td>
<td>Physical Anthropology Lab</td>
<td>This 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. This course meets science requirements. The course is designed for students who study anthropology, biology, ethnic studies and all other disciplines. A field trip may be required. Prerequisite: None. Corequisite: ANTH-101 (with a grade of C or better).</td>
<td>--Transfers to both UC/CSU</td>
<td>--CSU Area(s): B3</td>
<td>--IGETC Area(s): 4C</td>
</tr>
</tbody>
</table>

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
ANTH 115  
Introduction to Archaeology  
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. Prerequisite: None.  
--AA/AS General Education: AA/AS B2  
--Transfers to both UC/CSU  
--IGETC Area(s): 4A  
--CSU Area(s): D1

ANTH 121  
California Indians  
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. Prerequisite: None.  
--AA/AS General Education: AA/AS B2 or AA/AS F  
--Transfers to both UC/CSU  
--IGETC Area(s): 4A, 4F  
--CSU Area(s): D1, D3

ANTH 125  
Magic, Witchcraft and Religion  
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: None.  
--AA/AS General Education: AA/AS B2 or AA/AS F  
--Transfers to both UC/CSU  
--IGETC Area(s): 4A  
--CSU Area(s): D1

ANTH 145  
Introduction to Language and Linguistics  
(formerly ENGL-245)  
LEC 48-54  
Introduction to the study of language to include semantics, sociolinguistics, psycholinguistics, phonology, morphology, and pragmatics. Students learn how language influences their thinking and affects their lives. *Cross-listed as ENGL-145H. Prerequisite: Acceptance in the Honors Enrichment Program. Recommended Preparation: ENGL-101.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

ANTH 145H  
Honors Introduction to Language and Linguistics  
(formerly ENGL-245H)  
LEC 48-54  
Honors Introduction to the study of language to include semantics, sociolinguistics, psycholinguistics, phonology, morphology, and pragmatics. Students learn how language influences their thinking and affects their lives. *Cross-listed as ENGL-145H. Prerequisite: Acceptance in the Honors Enrichment Program. Recommended Preparation: ENGL-101.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

ANTH 149  
1-4 units  
Occupational Internship:  
Paid 75-300/Unpaid 60-240  
Anthropology  
The purpose of this course is to enable eligible students to include supervised on-the-job training as an integral part of the total college educational program. This is accomplished through a planned program of learning experiences which combines academic and vocational learning at school with new learning experiences on the job in an occupational setting. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: 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 Occupational Internship Student Handbook for specific information.  
--Transfers to CSU only

ANTH 201  
Introduction to Forensic Anthropology  
LEC 48-54  
Forensic Anthropology is the application of standard, scientific, anthropological techniques to identify human remains and to assist in the detection of a crime. 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 medicolegal framework. Prerequisite: None. Recommended Preparation: ANTH-101.  
--AA/AS General Education: AA/AS A  
--Transfers to CSU only

ANTH 205  
Archaeological Excavation  
LEC 16-18/LAB 96-108  
This class 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. Prerequisite/Corequisite: ANTH-115 (with a grade of C or better). Recommended Preparation: MATH-090 and ENGL-098.  
--Transfers to CSU only

ANTH 210  
Archaeology Laboratory  
LEC 16-18/LAB 96-108  
This course is an introduction to the laboratory processing and preliminary analyses carried out in archaeological investigations. Students will learn to care for and catalog artifacts collected from buried or surface sites. Students will learn to identify and classify various artifacts while handling them appropriately and protecting the provenience information that accompanies the artifacts. Prerequisite/Corequisite: ANTH-115 (with a grade of C or better). Recommended Preparation: MATH-090 and ENGL-098.  
--Transfers to CSU only

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
## Art Descriptions

### ANTH 215  3 units
**Archaeological Survey**  
LEC 16-18/LAB 96-108

Students learn to professionally identify, assess, locate, and record 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, held off campus at various locations. This course is intended for students who want to obtain entry-level jobs in archaeology, as well as for students transferring to four-year institutions and planning to major in Native American studies, anthropology, earth sciences, city planning, and other fields. Prerequisite/Corequisite: ANTH-115 (with a grade of C or better). Recommended Preparation: MATH-090 and ENGL-098.

- **CSU Area(s):** C1
- **IGETC Area(s):** 3A
- **Transfers to both UC/CSU**
- **AA/AS General Education:** AA/AS B2
- **Transfers to CSU only**

### ANTH 299  1-3 units
**Special Projects: Anthropology**  
LAB 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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Anthropology classes; a contract must be completed with the instructor prior to enrollment.*

- **Transfers to CSU only**

### ART 100  3 units
**Art Appreciation**  
LEC 48-54

This course introduces students to the important principles, styles, forms and aesthetics of world art. Students will learn by studying, analyzing and writing about examples of art presented. In addition this course provides a general overview for the student who has an interest in the context and history of Art and culture. Prerequisite: None.

- **CSU Area(s):** C1
- **Transfers to both UC/CSU**
- **IGETC Area(s):** 3A
- **AA/AS General Education:** AA/AS C
- **IGETC Area(s):** 3A
- **CSU Area(s):** C1

### ART 093  1 unit
**Graphic Design Practicum**  
LAB 48-54

This course explores and reinforces design theory, processes and techniques taught in the Graphic Design, Digital Art and Multimedia lecture classes. Offered as pass/no pass only. Prerequisite: None.

- **Not transferable**

### ART 095  1 unit
**Typography Practicum**  
LAB 48-54

This course explores and reinforces the theory, processes and techniques taught in the Typography lecture classes but can also be used for students seeking better Typography skills in projects from other courses or portfolio development. Offered as pass/no pass only. Prerequisite: None.

- **Not transferable**

### ART 101  3 units
**Art History: Prehistoric Through Medieval Art**  
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 and artists in the context of cultural and historic setting, iconography, purpose, and style. This course is designed for the Art major and those seeking to fulfill Humanities requirements. Prerequisite: None.

- **CSU Area(s):** C1
- **Transfers to both UC/CSU**
- **IGETC Area(s):** 3A
- **AA/AS General Education:** AA/AS C
- **IGETC Area(s):** 3A
- **CSU Area(s):** C1

### ART 101H  3 units
**Honors Art History: Prehistoric Through Medieval Art**  
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 and artists in the context of cultural settings, iconography, purpose, and style. This course is designed for the Art major and those seeking to fulfill Humanities requirements. Prerequisite: Acceptance in the Honors Enrichment Program.

- **CSU Area(s):** C1
- **Transfers to both UC/CSU**
- **IGETC Area(s):** 3A
- **AA/AS General Education:** AA/AS C
- **IGETC Area(s):** 3A
- **CSU Area(s):** C1

### ART 102  3 units
**Art History: Renaissance to 20th Century Art**  
LEC 48-54

This is a survey class that provides a base of art historical knowledge covering the development of Western art from the 15th century. Students will study a variety of art forms and artists in the context of cultural and historic setting, stylistic developments, function/meaning, and iconography. This course is designed for the Art major and those seeking to fulfill Humanities requirements. Prerequisite: None.

- **CSU Area(s):** C1
- **Transfers to both UC/CSU**
- **IGETC Area(s):** 3A
- **AA/AS General Education:** AA/AS C
- **IGETC Area(s):** 3A
- **CSU Area(s):** C1

### ART 102H  3 units
**Honors Art History: Renaissance to 20th Century Art**  
LEC 48-54

This is a survey class that provides a base of art historical knowledge covering the development of Western art from the 15th century. Students will study a variety of art forms and artists in the context of cultural and historic setting, stylistic developments, function/meaning, and iconography. This course is designed for the Art major and those seeking to fulfill Humanities requirements. Prerequisite: Acceptance in the Honors Enrichment Program.

- **CSU Area(s):** C1
- **Transfers to both UC/CSU**
- **IGETC Area(s):** 3A
- **AA/AS General Education:** AA/AS C
- **IGETC Area(s):** 3A
- **CSU Area(s):** C1

### ART 103  3 units
**Introduction to Modernism**  
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 historic settings, events, and styles, with an emphasis on Modernist culture and products in the United States and Europe. This course is intended for students wishing to fulfill the MSJC Humanities General Education Requirement as well as for students pursuing degrees or certificates in Art, Multimedia or Visual Communication. Prerequisite: None.

- **CSU Area(s):** C1
- **Transfers to both UC/CSU**
- **IGETC Area(s):** 3A
- **AA/AS General Education:** AA/AS C
- **IGETC Area(s):** 3A
- **CSU Area(s):** C1

---

**Note:** Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
ART 103H  3 units
Honors Introduction to Modernism  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 historic settings, events, and styles, with an emphasis on Modernist culture and products in the United States and Europe. This course is intended for students wishing to fulfill the MSJC Humanities General Education Requirement as well as for students pursuing degrees or certificates in Art, Multimedia or Visual Communication. Prerequisite: Acceptance in the Honors Enrichment Program.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3A
--CSU Area(s): C1

ART 104  3 units
World Art  LEC 48-54
World Art is a survey class that introduces students to the art and architecture of Asia, the Islamic world, early America, Africa and Oceania. The course covers a variety of art forms in the context of their cultural settings, iconography, purpose, and style. Prerequisite: None.
--AA/AS General Education: AA/AS C or AA/AS F
--Transfers to both UC/CSU
--IGETC Area(s): 3A
--CSU Area(s): C1

ART 104H  3 units
Honors World Art  LEC 48-54
World Art is a survey class that introduces students to the art and architecture of Asia, the Islamic world, early America, Africa and Oceania. The course covers a variety of art forms in the context of their cultural settings, iconography, purpose, and style. Prerequisite: Acceptance in the Honors Enrichment Program.
--AA/AS General Education: AA/AS C or AA/AS F
--Transfers to both UC/CSU
--IGETC Area(s): 3A
--CSU Area(s): C1

ART 105  3 units
History of Graphic Design  LEC 48-54
This course examines the evolution of graphic communication from prehistory through postmodern design, the age of information, and the digital revolution, investigating the great minds in design, breakthrough technologies and important design movements in historical contexts. Prerequisite: None. Recommended Preparation: ENGL-098.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU

ART 105H  3 units
Honors History of Graphic Design  LEC 48-54
This course examines the evolution of graphic communication from prehistory through postmodern design, the age of information, and the digital revolution, investigating the great minds in design, breakthrough technologies and important design movements in historical contexts. Prerequisite: Acceptance in the Honors Enrichment Program. Recommended Preparation: ENGL-098.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU

ART 108  3 units
Beginning Drawing  LEC 32-36/LAB 48-54
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. Prerequisite: None.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--CSU Area(s): C1

ART 109  3 units
Intermediate Drawing  LEC 32-36/LAB 48-54
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 an exploration of portraiture, color, and expressive possibilities of drawing. Prerequisite: ART-108 (with a grade of C or better).
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--CSU Area(s): C1

ART 112  3 units
Life Drawing  LEC 32-36/LAB 48-54
This course develops skills needed to successfully draw the human form. Areas covered include anatomy, perception of form, contour drawing, and modeling. Nude models are used. Prerequisite: ART-108 (with a grade of C or better).
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU

ART 115  3 units
Painting I  LEC 32-36/LAB 48-54
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. Prerequisite: ART-108 or ART-120 (with a grade of C or better) or portfolio.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--CSU Area(s): C1

ART 116  3 units
Painting II  LEC 32-36/LAB 48-54
A 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.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--CSU Area(s): C1

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Course Descriptions

ART 118  2 units
Watercolor/Mixed Media  LEC 16-18/LAB 48-54
This course is designed to introduce and refine skills, techniques, and aesthetics using watercolor alone and with a variety of other media. Coursework includes an exploration of traditional and experimental techniques with an emphasis on design and composition. Prerequisite: ART-108 (with a grade of C or better) or portfolio.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU

ART 119  2 units
Mural Painting  LEC 16-18/LAB 48-54
(formerly Introduction to Mural Painting)
This course is an introduction to the creating and execution of murals. Coursework includes professional practices, materials, site requirements, style, color, composition, and painting techniques. Prerequisite: ART-115 (with a grade of C or better) or portfolio.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU

ART 120  3 units
2D Design  LEC 32-36/LAB 48-54
This course introduces the student to the principles of 2-D design using the design elements of line, shape, space, value, texture, color, and form. Students will explore design concepts through visual analysis, problem solving projects, and presentation. Prerequisite: None.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--CSU Area(s): C1

ART 121  3 units
Design and Color  LEC 32-36/LAB 48-54
This course is a continued study of the principles of 2D design. The practice of the organization of visual elements is taught in accordance with the principles of design. Emphasis is placed on color theory and more advanced methods of communicating ideas through design. This class is designed for students pursuing an AA in Art and those seeking to fulfill the Humanities requirement. Prerequisite: ART-120 (with a grade of C or better).
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--CSU Area(s): C1

ART 122  3 units
3D Design  LEC 32-36/LAB 48-54
This course investigates the factors determining the designs of both utilitarian and non-utilitarian objects. Students learn to solve design problems using a variety of three-dimensional materials, and a variety of approaches to three-dimensional structure. Through a study of mass, volume, space and shape, students gain experience solving three-dimensional design problems. This is a foundation course for students planning to major in art, and a useful course for all students interested in building visually coherent three-dimensional objects. Prerequisite: None. Recommended Preparation: ART-120.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU

ART 123  3 units
Graphic Design I  LEC 32-36/LAB 48-54
Development of conceptual thinking and visual representation skills through thumbnail sketches to full size layouts of graphic concepts. Emphasis on various approaches to problem solving in advertising and design. Markers and colored pencils will be used for photorealistic and convincing visual representation. This course is required of all visual communication and graphic design majors. Prerequisites: Both ART-130A and ART-130B, or MUL-110 (with a grade of C or better). Recommended Preparation: ART-120 and ART-108.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU

ART 124  3 units
Time Based Media  LEC 32-36/LAB 48-54
This course investigates multiple contexts of video from an artistic point of view. The student will gain a clear understanding of the relationship between the narrative and the visual structure of film/video. Lectures will show many developments and movements of the video medium as well as design elements used to control the narrative content. Students will also develop a work that is experimental in nature, focusing on the sequential process and editing decisions in Time Based Media. *Cross-listed as MUL-126. Prerequisite: None.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU

ART 125  3 units
Typography I  LEC 32-36/LAB 48-54
This course covers the history and development of basic letterforms. In studio work, lettering is explored as a design form through handmade and experimental typeface use and development, mechanical typography and page layout techniques. Class projects are oriented towards development of knowledge in typographical theories. Prerequisite: None. Recommended Preparation: ART-120.
--Transfers to CU only

ART 130A  2 units
Digital Art - Imaging  LEC 16-18/LAB 48-54
(formerly ART-130 Digital Art I)
Introduction to digital art processes of capturing and manipulating images. Exploration print based and interactive media is explored through multiple software tools. Concept emphasis will be placed on the development of aesthetic judgment, style and expressive content. Recommended for majors in art, multimedia, and practicing professionals. Prerequisite: None. Recommended Preparation: ART-120 and MUL-110.
--AA/AS General Education: AA/AS C
--Transfers to CU only

ART 130B  2 units
Digital Art - Illustration  LEC 16-18/LAB 48-54
(formerly ART-140 Digital Illustration)
Introduction to digital art processes of creating raw illustrations images using vector graphics. Students will create layout and design projects using current technologies designed for output to print. Emphasis will be placed on the development of aesthetic judgment, style and expressive content in the process of visual communication. May be used as an elective in the Multimedia certificate or in either the Art or Multimedia degree programs. *Cross-listed as MUL-140. Prerequisite: ART-130A or MUL-110 (with a grade of C or better) or demonstrated ability.
--AA/AS General Education: AA/AS C
--Transfers to CU only

ART 141  3 units
Illustration  LEC 32-36/LAB 48-54
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

Mt. San Jacinto College 2013-2014 Catalog

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Course Descriptions

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.

**ART 151**  
**Ceramic Arts**  
LEC 32-36/LAB 48-54  
This course is designed to familiarize students with the skills, methods and aesthetics of Fine Art Ceramics. Students will learn and practice a variety of ceramics processes, including surface decoration, and critically evaluate the forms they create. Ceramic Arts introduces clay as a significant media in the context of historical, traditional and contemporary three-dimensional art and design. Prerequisite: None. Recommended Preparation: ART-122.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU

**ART 160**  
**Sculpture**  
LEC 32-36/LAB 48-54  
Sculpture is designed to familiarize students with the skills, methods and aesthetics of sculpture. The course is designed to develop skills in modeling in clay from direct observation. Students learn and practice various sculpture processes that include construction of an armature, bas-relief, mold making, carving and casting. Sculpture introduces these processes in the context of historical, traditional and contemporary three-dimensional art and design. Prerequisite: None. Recommended Preparation: ART-122.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--CSU Area(s): C1

**ART 170**  
**Foundry-Ceramic Shell Casting**  
LEC 16-18/LAB 48-54  
This course introduces the fundamentals of lost wax bronze casting using the ceramic shell process. Coursework includes safety issues, terminology, spraying, shell making, dewaxing, pouring, and metal finishing processes. This course is designed for the student pursuing an AA in Art, or those seeking to fulfill the Humanities requirements. Prerequisite: None.  
--AA/AS General Education: AA/AS C  
--Transfers to CSU only  
--CSU Area(s): C1

**ART 171**  
**Bronze Sand-Casting**  
LEC 16-18/LAB 48-54  
This course introduces the fundamentals of bronze sand-casting. Coursework includes safety issues, terminology, pattern making processes, mold making processes, and metal finishing processes. This course is designed for the student pursuing an AA in Art, or those seeking to fulfill the Humanities requirements. Prerequisite: None.  
--AA/AS General Education: AA/AS C  
--Transfers to CSU only

**ART 223**  
**Graphic Design II**  
LEC 32-36/LAB 48-54  
(formerly ART-136 Visual Communication I)  
This is an intermediate level course that expands on the tools and procedures used by professional graphic designers. Using real-world oriented projects, students will execute production of concept development in small space two dimensional advertising. Prerequisite: ART-108 (with a grade of C or better), or Portfolio Review/Demonstrated Ability. Recommended Preparation: ART-125.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU

**ASTR 101**  
**Introduction to Astronomy**  
LEC 48-54/LAB 48-54  
Introduction to Astronomy is intended as either a first course terminal course for non-science majors satisfying general education science requirements. The course 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. Prerequisite: None. Recommended Preparation: Collegiate level reading and math skills.  
--AA/AS General Education: AA/AS A  
--Transfers to both UC/CSU  
--IGETC Area(s): 5A, 5C  
--CSU Area(s): B1, B3

**ASTR 111**  
**Planetary Astronomy**  
LEC 48-54  
This course is an introductory course to Planetary Sciences, and is an interdisciplinary scientific exploration of the solar system. Studies 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.* Prerequisite: None.  
--AA/AS General Education: AA/AS A  
--Transfers to both UC/CSU  
--IGETC Area(s): 5A  
--CSU Area(s): B1

**ASTR 299**  
**Special Projects: Astronomy**  
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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Two classes in the desired medium must be completed prior to enrollment; a contract must be completed with the instructor prior to enrollment.*  
--Transfers to CSU only
Course Descriptions

Audio & Video Technology

AUD 140  3 units
Beginning Studio Recording  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. Prerequisite: None.
--Transfers to CSU only
--CSU Area(s): C1

AUD 141  3 units
Intermediate Studio Recording  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: MUS/AUD-140 (with a grade of C or better).
--Transfers to CSU only
--CSU Area(s): C1

AUD 142  3 units
Advanced Studio Recording I  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: MUS/AUD-141 (with a grade of C or better).
--Transfers to CSU only

AUD 143  3 units
Computer Audio Editing  LEC 48-54
(formerly Advanced Studio Recording II)
This course offers students experience in digital editing using computers and software. The class includes digital recording techniques. *Cross-listed as MUS-143. Prerequisite: AUD/MUS-140 (with a grade of C or better).
--Transfers to CSU only

AUD 145  3 units
MIDI & Computer Recording  LEC 48-54
This course offers instruction in music software and basic audio concepts. The primary focus is on recording, mixing, and editing. *Cross-listed as MUS-145. Prerequisite: AUD/MUS-143 (with a grade of C or better).
--Transfers to CSU only

AUD 146  3 units
Recording Music and Live Sound  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-146. Prerequisite: MUS/AUD-141 (with a grade of C or better).
--Transfers to CSU only

AUD 147  3 units
The Music & Audio Business  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.

AUD 148  3 units
Radio Production  LEC 48-54
This course acquaints students with the major aspects of radio production. The course includes information regarding the studio and various types of hardware and software. *Cross-listed as MUS-148. Prerequisite: AUD-141 or MUS-141 (with a grade of C or better).
--Transfers to CSU only

AUD 152  3 units
Video Production I  LEC 48-54
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 class include iris/depth-of-field relations, framing for depth perception, applicable frame rates, pre-production paper work, and final authoring to DVD. *Cross-listed as MUL-123. Prerequisite: None. Recommended Preparation: MUL-110 or AUD-140.
--Transfers to both UC/CSU

AUD 153  3 units
Video Production II  LEC 48-54
This advanced course will cover the use of digital video production software and hardware (editing, effects, filters, color correction, compression output processes). Students work on projects using non-linear video editing software techniques. Related topics include preparing video production for television broadcasting and DVD authoring. *Cross-listed as MUL-223. Prerequisite: AUD-152/MUL-123 (with a grade of C or better).
--Transfers to both UC/CSU

AUD 299  0.50-4 units
Special Projects: Audio Technology  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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Audiology classes; a contract must be completed with the instructor prior to enrollment.
--Transfers to CSU only

Automotive/Transportation Technology

AUME 100  4 units
Basic Auto Mechanics  LEC 48-54/LAB 48-54
This course covers the theory of operation of common road vehicles. The eight basic automotive systems are explored with minor maintenance tasks required. Emphasis is on an overview of automotive technology as a career choice. Prerequisite: None.
--Transfers to CSU only

AUME 101  2 units
Maintenance Light Repair I  LEC 16-18/LAB 48-54
This course is specifically designed to meet American Honda PACT program requirements for car care service technicians. Students wishing to become a Honda Dealership Express Service Technician must successfully complete this course. Prerequisite: None. Other
AUME 109 4 units
Basic Maintenance Light Repair LEC 32-36/LAB 96-108
II (MLR)
This course covers the theory of operation of common road vehicles. The eight basic automotive systems are explored with minor maintenance light repair. Emphasis is on overview of automotive technology as a career choice related to the Honda - Fast Track Program. Prerequisite: AUME-101 (with a grade of C or better). Other Enrollment Criteria: Students must meet the following criteria to be selected for this manufacturer training program. Must attend the Honda PACT orientation. Have a valid CA Drivers license with Zero points, a valid social security number, must be 18 years old, must pass a drug test and have no felony.
--Not transferable

AUME 110 6 units
Basic and Advanced Clean Air Car LEC 80-90/LAB 48-54
Course
This course prepares the student to perform Smog Testing on vehicles that are in the California State Smog Check Program. Successful completion qualifies students to take the State Smog Test Exam. Students learn the use of five gas analyzers with State Certified dynamometer, gauges, ignition analyzers and in-flight recorders/Scan tools to troubleshoot, diagnose and repair the Powertrain Control Module on both domestic and import vehicles. Prerequisite: None. Recommended Preparation: AUME-111, AUME-122 and AUME-126.
--Transfers to CSU only

AUME 111 6 units
Emission Controls A6/A8/L1 LEC 80-90/LAB 48-54
(formerly Emission Controls Part II A6/A8/L1)
This course prepares the student to perform Vehicle Emissions Diagnosis & Repair procedures subject to the California State Smog Check Program. Successful completion meets three of the five requirements for State the Exam. Students learn the use of Scan tools, Lab scopes, five gas analyzers, dynamometer and ignition analyzers to troubleshoot, diagnose and repair the Powertrain Control Module and sub systems used on domestic and import vehicles. Prerequisite: None.
--Transfers to CSU only

AUME 112 1 unit
Bureau of Automotive Repair (State of California) Update Training Course LEC 16-18
This course is designed to update currently licensed smog check technicians with current industry California State required standards and is a prerequisite to renewing a smog check technician license. In addition, initial smog check technician applicants must complete this course to apply for a smog check technician license. Student will be fully updated on current and new regulations upon completion of this course. Prerequisite: None. Recommended Preparation: AUME-122 and AUME-126 or possess a current smog license.
--Not transferable

AUME 118 4 units
Heating/Air Conditioning Systems LEC 48-54/LAB 48-54
(formerly Automotive Air Conditioning and Heating)
This course is an in depth study of the design and operation of contemporary domestic and import air conditioning and heating systems. Emphasis is placed on the problem diagnosis of and repair procedures for these systems and an introduction to Automatic A/C and Comfort Control Systems. This course also offers a Refrigerant, Recovery and Recycling Test for Refrigerant Certification through Automotive Service Excellence (ASE). Prerequisite: None.
--Transfers to CSU only

AUME 119 4 units
Automotive Brake Systems LEC 32-36/LAB 96-108
This course covers the operation, diagnosis and repair procedures of automotive brake systems. The experience gained in this course prepares the student for entry level employment as an automotive brake technician. Prerequisite: None. Recommended Preparation: AUME-100
--Transfers to CSU only

AUME 120 4 units
Automotive Suspension, Steering and Alignment Systems LEC 32-36/LAB 96-108
(formerly Suspension And Alignment Principles)
This course covers the operation, diagnosis, repair and alignment procedures of automotive suspension and steering systems on import domestic vehicles and light trucks. The experience gained in this course prepares the student for entry level employment as an automotive brake technician. Prerequisite: None. Recommended Preparation: AUME-100
--Transfers to CSU only

AUME 122 4 units
Engine Performance I LEC 48-54/LAB 48-54
This course covers engine and sub systems theory of operation and diagnosis, meters, test equipment, and repair/replacement of major components of passenger cars and light trucks. Areas of study include starting, charging, ignition, electrical and electronic accessories. This course is designed for learners wishing to develop skills in diagnosis and repair of earlier technologies. This course will assist in preparation for ASE A-8 exam. Prerequisite: None. Recommended Preparation: AUME-100 or previous high school automotive classes.
--Transfers to CSU only

AUME 123 4 units
Engine Performance II LEC 40-45/LAB 72-81
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. Prerequisite: AUME-122 (with a grade of C or better). Recommended Preparation: AUME-100 or AUME-126.
--Transfers to CSU only

AUME 124 5 units
Engine Theory and Repair LEC 40-45/LAB 120-135
This is a course in engine repair, rebuilding of modern engine. This an entry level course appropriate for persons with limited experience with automotive technology desiring to build skills towards engine performance and diagnostics. Prerequisite: None.
--Transfers to CSU only
Course Descriptions

AUME 126 4 units
Automotive Electrical/Electronics I  LEC 48-54/LAB 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. Prerequisite: None. Recommended Preparation: AUME-100 or previous high school automotive course.
--Transfers to CSU only

AUME 127 4 units
Automotive Electrical/Electronics II  LEC 32-36/LAB 96-108
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. Prerequisite: AUME-126 (with a grade of C or better).
--Transfers to CSU only

AUME 132 2 units
Automotive Service Advisor  LEC 32-36
Designed to explore and develop desirable characteristics and skills common to the successful automotive service advisor. Prerequisite: None.
--Transfers to CSU only

AUME 133 2 units
Automotive Shop Management
(formerly Auto Service Shop Management)
LEC 32-36
Basic automotive service shop management techniques for those individuals who work in the automotive industry. The main objective of the course is to teach management techniques to handle the challenges of an automotive shop in today's competitive market. The student will be able to identify the controllable expenses that affect all automotive shops and will learn the skills needed to install processes to control and monitor them. The student will learn the legal requirements as they apply to the Bureau of Auto Repair for the industry. The student will learn systems for customer retention, service productivity and profits. Prerequisite: None. Recommended Preparation: AUME 100
--Transfers to CSU only

AUME 149 1-4 units
Occupational Internship:  Paid 75-300/Unpaid 60-240
Auto Mechanics
The purpose of this course is to enable eligible students to include supervised on-the-job training as an integral part of the total college educational program. This is accomplished through a planned program of learning experiences which combines academic and vocational learning at school with new learning experiences on the job in an occupational setting. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: 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 Occupational Internship Student Handbook for specific information.
--Transfers to CSU only

AUME 175 4 units
Automatic Transmissions & Transaxles  LEC 48-54/LAB 48-54
This course covers the principles and operation of hydraulically and electronically controlled transmissions and transaxles. Topics include planetary gearing, hydraulic theory, transmission controls, component function and application. Appropriate lab activities include: removal, disassembly, inspection, and reassembly of hydraulically and electronically controlled transmissions/transaxles. This course applies a systematic approach to diagnosis and repair. The student will achieve the skills that are needed to properly diagnose and repair transmission faults that could affect transmission operation. Prerequisite: None. Recommended Preparation: AUME 100.
--Transfers to CSU only

AUME 185 4 units
Manual Transmissions & Transaxles  LEC 48-54/LAB 48-54
This course presents the fundamentals of manual transmissions, transaxles, clutches, differentials, drive shafts and Four-wheel/All-wheel drive operation and repair. Appropriate lab activities include: disassembly, inspection, and reassembly of transmissions/transaxles, transfer cases, clutches, four-wheel drive systems, drivelines, and differentials. The student will achieve the skills that are needed to properly diagnose and repair manual transmission and drive train faults. Prerequisite: None. Recommended Preparation: AUME 100.
--Transfers to CSU only

AUME 299 1-6 units
Special Projects: Auto Mechanics  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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Auto Technology classes; a contract must be completed with the instructor prior to enrollment.
--Transfers to CSU only

Biological Sciences

BIOL 100 4 units
Human Biology  LEC 48-54/LAB 48-54
(formerly Introduction to Human Biology)
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, nutrition, cell division, genetics, biotechnology, disease processes, evolution, ecology, and anatomy and physiology of the human body. Prerequisite: None.
--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5B, 5C
--CSU Area(s): B2, B3

BIOL 115 4 units
Topics in Biology  LEC 48-54/LAB 48-54
Introductory course with a lab designed for non-science majors and those who need a biology foundation before entering the science major's curriculum. This course emphasizes scientific inquiry in investigation of biological principles presented in an evolutionary context and an ecological framework. Principles covered include molecular and cellular biology, biochemical processes, genetics, classification, comparative study of the diversity of life, ecosystems, mechanisms of evolution, and current issues as they develop in the subject area. A field trip may be required. Prerequisite: None.
--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5B, 5C
--CSU Area(s): B2, B3
BIOL 115H 4 units
Honors Topics in Biology  LEC 48-54/LAB 48-54
Introductory course with a lab designed for non-science majors and those who need a biology foundation before entering the science major's curriculum. This course emphasizes scientific inquiry in investigation of biological principles presented in an evolutionary context and an ecological framework. Principles covered include molecular and cellular biology, biochemical processes, genetics, classification, comparative study of the diversity of life, ecosystems, mechanisms of evolution, and current issues as they develop in the subject area. A field trip may be required. Prerequisite: Acceptance in the Honors Enrichment Program.

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5B, 5C
--CSU Area(s): B2, B3

BIOL 116 4 units
Natural History and Biodiversity  LEC 48-54/LAB 48-54
A study of the biodiversity and natural history of interior Southern California. The emphasis focuses on the relationship of local geology to the flora and fauna of the Chaparral, Montane, and Desert Communities. Emphasis in this fieldtrip-based laboratory study of flora and fauna includes field recognition of plant species, ethnobotany, and identification of major mammals, reptiles, and birds of the areas studied. Six field trips are planned, students expected to provide their own transportation. Prerequisite: None.

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5B, 5C
--CSU Area(s): B2, B3

BIOL 117 3 units
Conservation Biology  LEC 48-54
Conservation biology is 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 entire ecosystems. Prerequisite: None.

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5B
--CSU Area(s): B2

BIOL 125 5 units
Microbiology  LEC 48-54/LAB 96-108
This course is an intensive study of microbial biological principles designed for those majoring in the biological sciences or various health professions. The course will emphasize concepts related to microbial morphology, physiology, genetics, growth, control, role in disease and their application to mankind. Prerequisite: CHEM-100 or CHEM-107 or equivalent and BIOL-100 or BIOL-115 or BIOL-150 or BIOL-151 or ANAT-101 or ANAT-102 (with a grade of C or better).

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5B, 5C
--CSU Area(s): B2, B3

BIOL 125H 5 units
Honors Microbiology  LEC 48-54/LAB 96-108
This course is an intensive study of microbial biological principles designed for those majoring in the biological sciences or various health professions. The course will emphasize concepts related to microbial morphology, physiology, genetics, growth, control, role in disease and their application to mankind. Prerequisite: Acceptance in the Honors Enrichment Program; CHEM-100 or CHEM-107 or equivalent and BIOL-100 or BIOL-115 or BIOL-150 or BIOL-151 or ANAT-101 or ANAT-102 (with a grade of C or better).

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5B, 5C
--CSU Area(s): B2, B3

BIOL 130 4 units
Marine Biology  LEC 48-54/LAB 48-54
Marine biology explores marine organisms, the ocean environment, and the basic biological principles by which marine organisms and ecosystems function. Topics include: the physical and chemical environment of the ocean, characteristics of living organisms, diversity of marine organisms, comparative anatomy and physiology, marine ecosystems and interactions, adaptations to the marine environment, and human impacts on the oceans. Students may be required to attend two Saturday field trips. Prerequisite: None.

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5B, 5C
--CSU Area(s): B2, B3

BIOL 131 4 units
Introduction to Biotechnology I  LEC 48-54/LAB 48-54
This introductory course examines a variety of topics in biology related to Biotechnology. Topics emphasized include the biochemical processes common in prokaryotic and eukaryotic biology, biochemistry, cellular and molecular biology, immunology, classical and molecular genetics, gene expression and genetic engineering. The laboratory addresses skills and techniques common to biotechnology including measuring activity and quantity of proteins, growth and manipulation of bacteria, genetic engineering and antibody methods. Field trips may be required. Prerequisite: None.

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5B, 5C
--CSU Area(s): B2, B3

BIOL 132 5 units
Biotechnology II  LEC 48-54/LAB 96-108
This course introduces students to biochemical and microbial academic aspects of biotechnology. The course develops entry-level laboratory skills common to the biotechnology industry, such as aseptic techniques, laboratory safety, and biological media and solution preparation. Students also develop hands-on experience with microbial growth, solutions, buffers, separation of cellular components, and macromolecules. Prerequisite: BIOL-131 or BIOL-150 (with a grade of C or better).

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5B, 5C
--CSU Area(s): B2, B3
Course Descriptions

BIOL 133  
Biotechnology III  
LEC 48-54/LAB 96-108  
In this advanced biotechnology course, students are provided a depth and breadth of knowledge of DNA and RNA transformation, restriction analysis of DNA, protein analysis, and immunological applications. Medical application and biotechnical considerations are discussed. In the laboratory, students master current techniques used in the biotechnology industry including medical and criminal justice applications. Prerequisite: BIOL-132 (with a grade of C or better).  
--AA/AS General Education: AA/AS A  
--Transfers to both UC/CSU  

BIOL 134  
Human Heredity and Evolution  
LEC 48-54  
This is an introductory course in human genetics and evolution emphasizing their relationship to biochemical processes, molecular and organismal genetics, physical development and social and behavioral expression. This course introduces students to the basic principles of biological scientific study 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. Prerequisite: None.  
--AA/AS General Education: AA/AS A  
--Transfers to both UC/CSU  
--IGETC Area(s): 5B  
--CSU Area(s): B2  

BIOL 135  
Introduction to Evolution  
LEC 48-54  
This introductory course explores the concepts, history, and controversy surrounding evolutionary theory. This course introduces students to the basic principles of scientific study using evolution as its main theme. Prerequisite: None.  
--AA/AS General Education: AA/AS A  
--Transfers to both UC/CSU  
--IGETC Area(s): 5B  
--CSU Area(s): B2  

BIOL 135H  
Honors Introduction to Evolution  
LEC 48-54  
This introductory course explores the concepts, history, and controversy surrounding evolutionary theory. This course introduces students to the basic principles of scientific study using evolution as its main theme. Prerequisite: Acceptance in the Honors Enrichment Program.  
--AA/AS General Education: AA/AS A  
--Transfers to both UC/CSU  
--IGETC Area(s): 5B  
--CSU Area(s): B2  

BIOL 139  
Introduction to Biotechnology Lab  
LAB 48-54  
This course examines laboratory technology related to biotechnology. The laboratory introduces skills and techniques common to the biotechnology industry including measuring activity and quantity of proteins, growth and manipulation of bacteria, genetic engineering, polymerase chain reaction and antibody methods. In addition to hands on skills, the course provides context for how and why these techniques are used in the industry. This course enhances the laboratory skills of students seeking employment in the biotechnology industry. Prerequisite: None.  
--AA/AS General Education: AA/AS A  
--Transfers to CSU only  

BIOL 140  
Ecology  
LEC 48-54/LAB 48-54  
A study of ecological principles with a focus on biodiversity, ecosystem function, and the inter-relationship of the biotic and abiotic components of the environment. The course entails four field trips to major ecosystem types, including ocean, mountain, chaparral, and desert biomes. Prerequisite: None.  
--AA/AS General Education: AA/AS A  
--Transfers to both UC/CSU  
--IGETC Area(s): 5B, 5C  
--CSU Area(s): B2, B3  

BIOL 143  
Animal Behavior  
LEC 48-54  
This course introduces students to the basic principles of scientific study using animal behavior as its main theme. Topics include an exploration of genetic, environmental, and evolutionary mechanisms as causes of animal behavior. Prerequisite: None.  
--AA/AS General Education: AA/AS A  
--Transfers to both UC/CSU  

BIOL 144  
Plant Biology  
LEC 48-54/LAB 48-54  
This course surveys plants, other photosynthetic organisms and selected other groups including land plants, bacteria, fungi, algae and other protists. The structure, function, evolution, reproduction, genetics, and ecological role of plants and their importance to people are investigated. Labs provide experience with plant anatomy, morphology, growth, metabolism, reproduction and propagation. Prerequisite: None.  
--AA/AS General Education: AA/AS A  
--Transfers to both UC/CSU  
--IGETC Area(s): 5B, 5C  
--CSU Area(s): B2, B3  

BIOL 146  
Biodiversity  
LEC 48-54  
This course examines the biodiversity of life, past and present. An introduction to the three Domains of life and a review of extinct life-forms creates the basis for study of the current biotic communities on Earth. Basic principles of biodiversity are reviewed in this introductory course, with emphasis on current threats to biodiversity by human activity. Prerequisite: None.  
--AA/AS General Education: AA/AS A  
--Transfers to both UC/CSU  
--IGETC Area(s): 5B  
--CSU Area(s): B2  

BIOL 148  
Field Studies in Tropical Ecology  
LEC 48-54/LAB 48-54 (formerly Field Studies in Tropical Ecology of Costa Rica)  
This introductory course explores topics in ecology and conservation, using tropical ecology as its main theme. Topics include identification, conservation, and interpretation of behavioral and ecological interrelationships of organisms with their living and non-living environment. Students are required to attend lectures and a 9-day field trip to a region of the tropics. A fee will be charged. Prerequisite: None.  
--AA/AS General Education: AA/AS A  
--Transfers to CSU only  

Note: Repeatability Laws have changed; see the Course Repeatability policy under the General Regulations section for additional information.
BIOL 150 5 units
General Biology I  
LEC 48-54/LAB 96-108  
General Biology 150, the first of a two semester sequence, is an intensive study of modern biology designed to prepare science majors for upper-division courses in cell, molecular and organismal biology. The emphasis is on the structural and functional unity of life as seen from an evolutionary perspective. Topics include the biochemical, molecular, metabolic, and genetic aspects of cells, as well as phylogeny and systematics. The course includes laboratory and field exercises on the principles covered in the lecture portion of the class. A field trip may be required. Prerequisites: CHEM-101 and MATH-096 (with a grade of C or better). Recommended Preparation: High school or college Biology/Chemistry.  
--AA/AS General Education: AA/AS A  
--Transfers to both UC/CSU  
--IGETC Area(s): 5B, 5C  
--CSU Area(s): B2, B3

BIOL 150H 5 units
Honors General Biology I  
LEC 48-54/LAB 96-108  
General Biology 150H, the first of a two semester sequence, is an intensive study of modern biology designed to prepare science majors for upper-division courses in cell, molecular and organismal biology. The emphasis is on the structural and functional unity of life as seen from an evolutionary perspective. Topics include the biochemical, molecular, metabolic, and genetic aspects of cells, as well as phylogeny and systematics. The course includes laboratory and field exercises on the principles covered in the lecture portion of the class. A field trip may be required. Prerequisites: Acceptance into the Honors Enrichment Program and CHEM-101 and MATH-096 (with a grade of C or better). Recommended Preparation: High school or college Biology/Chemistry.  
--AA/AS General Education: AA/AS A  
--Transfers to both UC/CSU  
--IGETC Area(s): 5B, 5C  
--CSU Area(s): B2, B3

BIOL 151 5 units
General Biology II  
LEC 48-54/LAB 96-108  
General Biology 151 is the second class in a two-part series and covers structural and functional biology of plants and animals (growth and structure, transport, circulation, gas exchange, homeostasis, nutrition, reproduction, development, hormones, and nerves), ecology, and evolutionary theories. This course satisfies the General Education requirement in natural science and prepares students for transfer into college and university science major programs. A field trip may be required. Prerequisite: BIOL-150 (with a grade of C or better).  
--AA/AS General Education: AA/AS A  
--Transfers to both UC/CSU  
--IGETC Area(s): 5B, 5C  
--CSU Area(s): B2, B3

BIOL 151H 5 units
Honors General Biology II  
LEC 48-54/LAB 96-108  
General Biology 151H is the second class in a two-part series and covers structural and functional biology of plants and animals (growth and structure, transport, circulation, gas exchange, homeostasis, nutrition, reproduction, development, hormones, and nerves), ecology, and evolutionary theories. This course satisfies the General Education requirement in natural science and prepares students for transfer into college and university science major programs. A field trip may be required. Prerequisite: BIOL-150 (with a grade of C or better).  
--AA/AS General Education: AA/AS A  
--Transfers to both UC/CSU  
--IGETC Area(s): 5B, 5C  
--CSU Area(s): B2, B3

BIOL 201 4 units
Biostatistics  
LEC 48-54/LAB 48-54  
This course introduces students to quantitative methods of analysis in the life and environmental sciences. Emphasis is placed on the scientific method and experimental design as well as analysis and interpretation of scientific data. Students also learn methods of conducting statistical analyses on data using statistical computer software. This course is intended for those majoring in life and environmental sciences. Prerequisites: MATH-096 (with a grade of C or better) and BIOL-115 or BIOL-150 or ENVS-101 or BIOL-140 or ENVS-110 (with a grade of C or better).  
--AA/AS General Education: AA/AS A  
--Transfers to both UC/CSU  
--IGETC Area(s): 5B, 5C  
--CSU Area(s): B2, B3

BIOL 299 1-5 units
Special Projects: Biology  
1S 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.  
*NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Biology classes; a contract must be completed with the instructor prior to enrollment.  
--Transfers to CSU only

Business

ACCT 076 3 units
Bookkeeping Part 1 - Accounting Theory  
LEC 48-54  
A basic introductory course in 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, property tax and banking. Prerequisite: None.  
--Not transferable

ACCT 077 3 units
Bookkeeping Part 2 - QuickBooks Pro  
LEC 48-54  
This course is designed for the student seeking hands-on experience with QuickBooks Pro. Students will apply the computer in the study of accounting principles. Students will prepare data and enter accounting transactions utilizing QuickBooks Pro accounting software in order to yield various accounting statements. Emphasis will be placed on how to use the QuickBooks Pro in a small business environment. Prerequisite: None. Corequisite: ACCT-076 or ACCT-124 (with a grade of C or better) or equivalent experience.  
--Not transferable
Course Descriptions

ACCT 124  3 units  
Financial Accounting - Principles of Accounting I  LEC 48-54  
Define financial accounting; identify its importance and use by investors and creditors to make decisions. The course covers the accounting information system and the recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the classified financial statements, and statement analysis and includes issues relating to: asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls and ethics. Prerequisite: None. Recommended Preparation: CAPP-122 or equivalent experience.  
--Transfers to both UC/CSU

ACCT 124H  3 units  
Honors Financial Accounting - Principles of Accounting I  LEC 48-54  
Define financial accounting; identify its importance and use by investors and creditors to make decisions. The course covers the accounting information system and the recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the classified financial statements, and statement analysis and includes issues relating to: asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls and ethics. Prerequisite: Acceptance in the Honors Enrichment Program. Recommended Preparation: CAPP-122 or equivalent experience.  
--Transfers to both UC/CSU

ACCT 125  3 units  
Managerial Accounting - Principles of Accounting II  LEC 48-54  
Examination of how managers use accounting information in decision-making, planning, directing operations, and controlling. Focus on cost terms and concepts, cost behavior, cost structure, and cost-volume-profit analysis. Examination of profit planning, standard costs, operations and capital budgeting, cost control, and accounting for costs in manufacturing organizations. Prerequisite: ACCT-124 (with a grade of C or better).  
--Transfers to both UC/CSU

ACCT 125H  3 units  
Honors Managerial Accounting - Principles of Accounting II  LEC 48-54  
Examination of how managers use accounting information in decision-making, planning, directing operations, and controlling. Focus on cost terms and concepts, cost behavior, cost structure, and cost-volume-profit analysis. Examination of profit planning, standard costs, operations and capital budgeting, cost control, and accounting for costs in manufacturing organizations. Prerequisite: Acceptance in the Honors Enrichment Program: ACCT-124 (with a grade of C or better).  
--Transfers to both UC/CSU

ACCT 126  3 units  
Beginning Computer Accounting  LEC 48-54  
This course is an overview of accounting principles and procedures, which includes the entire accounting cycle, and hands-on use of personal computers in the application of financial accounting functions. With the use of the Peachtree Complete Computer Program/Software, the students become familiar with accounting functions for a small business. Computer accounting applications include, but are not limited to, general ledger, accounts receivable, accounts payable, invoicing, payroll, inventory and job costs. Prerequisite/Corequisite: ACCT-124 (with a grade of C or better).  
--Transfers to CSU only

ACCT 127  4 units  
Federal and California Income Tax Accounting  LEC 64-72  
This course introduces the theory and concepts of Federal and California income tax return preparation for individuals, sole proprietorships, and other business entities. This course is certified by the California Tax Education Council as fulfilling the 60-hour qualifying education requirement imposed by the State of California for becoming a Registered Tax Preparer. Prerequisite: ACCT-124 (with a grade of C or better).  
--Transfers to CSU only

BADM 085  3 units  
Business Math  LEC 48-54  
This is an introductory course that focuses on the role mathematics plays in the business decision making process. Students will be presented with business scenarios that require mathematical analysis. They will learn how to perform the calculations, then interpret the results to formulate business decisions. This course blends mathematical calculations with business operation principles. Prerequisite: None.  
--Not transferable

BADM 098A  5 unit  
Developing Effective Time Management Techniques  LEC 8-9  
This course provides students practical and contemporary ways to manage personal time by identifying goals and objectives, prioritizing actions, tackling time management roadblocks and utilizing technology and adopting an approach to maximize productivity and achieve goals. Prerequisite: None.  
--Not transferable

BADM 098B  5 unit  
Reducing Stress and Improving Performance  LEC 8-9  
This course provides practical ways to reduce stress and improve performance by identifying the causes and symptoms of stress, monitoring one's response to pressure, and implementing coping strategies. This course shows how to manage stress in one's personal life as well as how to reorganize work practices and use techniques for dealing with problems and potential problems in the workplace. Prerequisite: None.  
--Not transferable

BADM 098C  5 unit  
Developing Leadership in Organizations  LEC 8-9  
This course provides guidelines for developing and refining practical leadership skills that will enhance all business and personal relationships. This course examines the roles and responsibilities of the leader as a supervisor and guides development of abilities to work as a team within groups of people. Prerequisite: None.  
--Not transferable

BADM 098D  5 unit  
Dynamics of Successful Teamwork  LEC 8-9  
This course provides guidelines for utilizing the team concept for meeting the challenges in an organization that require a wide variety of skills, judgments, and experiences. This course examines the role of the team leader, essential elements of a winning team, and how to develop the team concept. Prerequisite: None.  
--Not transferable
Business Communications
BADM 104

This course is a study of the principles, strategies, and techniques of written and oral business communication. The emphasis is placed on analyzing problems and implementing solutions involving appropriate methods of business communication, i.e. letters, memos, proposals, reports, and resumes. The course also includes a study of oral communication techniques for meetings, conferences, business presentations, and interviews. *Cross-listed as ENGL-104. Prerequisite: None. Recommended Preparation: ENGL-098, OTEC-144 or typing speed of 25 wpm, and OTEC/ENGL-095.

--Transfers to CSU only

Honors Business Communications
BADM 104H

A study of the principles, strategies and techniques of written and oral business communication. Emphasis is on analyzing problems and implementing solutions involving appropriate methods of business communication, i.e. letters, memos, proposals, reports and resumes. Includes oral communication techniques for meetings, conferences and interviews and provides a review of grammar, spelling and mechanics. *Cross-listed as ENGL-104H. Prerequisite: Acceptance in the Honors Enrichment Program. Recommended Preparation: ENGL-098, OTEC-144 or typing speed of 25 wpm, and OTEC/ENGL-095.

--Transfers to CSU only

Introduction to Business
BADM 103

U.S. businesses operate in a constantly changing global business environment. This is an introduction to that environment. Students completing the course should be capable of analyzing various forms of business ownership and sizes or organizations, understanding ethics and social responsibility of businesses in a global market, analyzing the economic challenges facing businesses, understanding global competitive methodologies, and understand domestic and international labor-management relations issues and the use of technology and information in business. Prerequisite: None.

--Transfers to both UC/CSU

Honors Introduction to Business
BADM 103H

U.S. businesses operate in a constantly changing global business environment. This is an introduction to that environment. Students completing the course should be capable of analyzing various forms of business ownership and sizes or organizations, understanding ethics and social responsibility of businesses in a global market, analyzing the economic challenges facing businesses, understanding global competitive methodologies, and understand 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

Business Communications
BADM 104

This course is a study of the principles, strategies, and techniques of written and oral business communication. The emphasis is placed on analyzing problems and implementing solutions involving appropriate methods of business communication, i.e. letters, memos, proposals, reports, and resumes. The course also includes a study of oral communication techniques for meetings, conferences, business presentations, and interviews. *Cross-listed as ENGL-104. Prerequisite: None. Recommended Preparation: ENGL-098, OTEC-144 or typing speed of 25 wpm, and OTEC/ENGL-095.

--Transfers to CSU only
Course Descriptions

BADM 126  2 units
Destination Management for Conventions & Visitors
This course is an overview on the processes necessary to develop and promote activities to the convention attendee or tourist at the destination, such as attractions, hotels, restaurants, and convention facilities. Prerequisite: None.
--Transfers to CSU only

BADM 127  2 units
Event/Meeting Planning and Management
This course provides an overview of the types of events, meetings & conventions held by associations, corporations and organizations. The course will examine the essential tools that today’s meeting professionals use to plan and execute successful meetings and events at all types of venues. Prerequisite: None.
--Transfers to CSU only

BADM 147  3 units
The Music & Audio Business
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 the differences between bootlegging, piracy and counterfeiting. *Cross-listed as AUD-147 and MUS-147. Prerequisite: None.
--Transfers to CSU only

BADM 149  1-4 units
Occupational Internship: Business
The purpose of this course is to enable eligible students to include supervised on-the-job training as an integral part of the total college educational program. This is accomplished through a planned program of learning experiences which combines academic and vocational learning at school with new learning experiences on the job in an occupational setting. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: 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 Occupational Internship Student Handbook for specific information.
--Transfers to CSU only

BADM 150  3 units
Small Business Entrepreneurship
This course introduces the challenges of entrepreneurship 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. Prerequisite: None.
--Transfers to CSU only

BADM 157  3 units
Principles of Salesmanship
This course covers the fundamental principles of selling including, prospecting techniques, defining the sales process, sales presentation methods, anticipating and overcoming objections. A study of the sales profession will investigate common traits, motivational techniques, current trends and the salesperson's role in company operations. Current sales trends and technology will also be researched and analyzed. Prerequisite: None.
--Transfers to CSU only

BADM 170  3 units
Introduction to International Business
This introductory course in international business covers the basics of doing business beyond the borders of the United States. It covers the economic basics of trade, regulatory issues, geographic/cultural problems and the nuances of revised business practices required for foreign trade. Prerequisite: BADM-103 (with a grade of C or better).
--Transfers to CSU only

BADM 201  3 units
Legal Environment of Business
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

BADM 210  3 units
Principles of Advertising
This course explores how advertising is integrated into business operations. Students will analyze the role of advertising professionals and how advertising affects business operations. Topics will include the historical rise of the advertising industry, communication methods, social responsibility, regulations, research, branding, media choices, advertising methods, and the relationship with the Internet, along with current and future trends. Prerequisite: MGT-205 (with a grade of C or better).
--Transfers to CU only

BADM 215  3 units
Business and Marketing Planning
This intermediate level course is designed for students considering small business ownership or who wish to advance an existing small business. Students will investigate approaches and challenges associated with the analysis, planning, development, and implementation of realistic business and marketing plans. Topics include identifying a vision and mission statement, developing marketing strategies, making managerial decisions, and creating a comprehensive business and marketing plan. Prerequisite: BADM-103 and MGT-205 (with a grade of C or better).
--Transfers to CSU only

BADM 299  1-3 units
Special Projects: Business
This course provides an opportunity for students to do special projects that involve research and special study. The actual nature of the project must be determined in consultation with the supervising instructor. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Business classes; a contract must be completed with the instructor prior to enrollment.
--Transfers to CSU only

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
CAPP 081
Using a Personal Computer Operating System
(Formerly Introduction to the Vista Operating System)
This course is designed for the student seeking introductory level hands-on experience with a personal computer operating system. Students will have the opportunity to complete hands-on exercises utilizing features of the operating software. Prerequisite: None.
--Not transferable

CAPP 082
Introduction to File Management
This course is designed for the student seeking introductory-level hands-on experience creating, managing and organizing electronic files. Working in a hands-on environment students will learn basic file management skills required to be an efficient employee and student. Emphasis will be given to developing an organizational file plan. Prerequisite: None.
--Not transferable

CAPP 120
Using Microsoft Office - Level 1
(Formerly CAPP-120D Using Microsoft Office 2007 Level 1)
This course is for the student who wants to learn the concepts of Microsoft Office computer applications. Students will begin to learn the functions and capabilities of Microsoft Access, Excel, PowerPoint, and Word, with emphasis on the integration of Microsoft Office software to solve business problems. This course will begin preparing students for Microsoft Office User Specialist (MOUS/MOS) Core-level Exams in the four above applications. Prerequisite: None.
--Transfers to CSU only

CAPP 122
Using Microsoft Excel
(Formerly CAPP-122D Using Microsoft Excel 2007 Level 1)
Students will learn 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. Prerequisite: None.
--Transfers to CSU only

CAPP 123
Using Microsoft Access - Level 1
(Formerly CAPP-123D-Using Microsoft Access 2007 Level 1)
Students will learn the functions and capabilities of Microsoft Access with an emphasis on the integration of Microsoft Office Access to solve course business problems. The course will begin preparing the student to take the Microsoft Office Specialist (MOS) Expert-level exam. Prerequisite: None.
--Transfers to CSU only

CAPP 124
Using Microsoft PowerPoint
(Formerly CAPP-124D Using Microsoft PowerPoint 2007-Level 1)
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 MOUS certification as well as students who are interested in improving their interpersonal communication skills. Prerequisite: None.
--Transfers to CSU only

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
### Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
</table>
| **CAPP 126E** | 3 units | Using InDesign Cs2 - Level 1  
(formerly Using Adobe InDesign)
This course introduces the student to the principles, concepts, and techniques of desktop publishing with Adobe InDesign. The focus in this course will be on composition and layout of multiple page documents that include imported text, graphics, and artwork. This course is designed for the student who wants to integrate desktop publishing applications with other business computing applications. Prerequisite: None. Recommended Preparation: Previous computer science course work and/or equivalent experience.  
--Transfers to CSU only |
| **CAPP 126F** | 3 units | Using Microsoft Publisher  
(formerly Using Microsoft Publisher 2007)
This course introduces the student to the principles, concepts, and techniques of desktop publishing with Microsoft Publisher. The focus of this course is on the use of desktop publishing for personal use, but business applications will also be covered. This course is designed for the student who wants to learn desktop publishing to improve their personal productivity. Prerequisite: None.  
--Transfers to CSU only |
| **CAPP 126G** | 3 units | Using Adobe InDesign  
(formerly Using Adobe InDesign CS3)
This course introduces the student to the principles, concepts, and techniques of desktop publishing with Adobe InDesign. The focus in this course will be on composition and layout of multiple page documents that include imported text, graphics, and artwork. This course is designed for the student who wants to integrate desktop publishing applications with other business computing applications. Prerequisite: None.  
--Transfers to CSU only |
| **CAPP 127** | 3 units | Using Microsoft Word  
(formerly CAPP-121D Using Microsoft Word 2007 Level 1)
In this comprehensive Microsoft Word course, students will learn word processing skills necessary for career and academic functions, including basic skills necessary to format memos, letters, tables, and newspaper columns, styles, graphics, charts, templates, and wizards. Students will also learn more advanced features of Word including formatting and managing large documents, footnotes, macros, merging, document assembly, sorting, tables, graphics, and collaboration. This course presents topics that are included in the Microsoft Word Certification exam. Prerequisite: None.  
--Transfers to CSU only |
| **CAPP 131** | 1 unit | Using Microsoft Outlook  
(formerly CAPP-131D Using Microsoft Outlook 2007)
Students will learn how to use specific functions and features of MS Outlook, including how to send and manage email messages, create and manage to-do lists and projects, create and maintain contact and mailing lists, and use the features of the calendar to schedule appointments, tasks, and events. This course will prepare students to take the MS Office Specialist (MOS) Expert-level exam in Outlook. Prerequisite: None  
--Transfers to CSU only |
| **CAPP 131A1** | 1 unit | Using Eudora 5.2  
LEC 16-18
This course teaches students how to install, configure, and use the Eudora e-mail application. Prerequisite: None.  
--Transfers to CSU only |
| **CAPP 132** | 1 unit | Using Acrobat - Level 1  
LEC 16-18
In this beginning course, students will learn the role of electronic documentation in the professional and personal sector. Students will use Adobe Acrobat Reader to view and navigate through PDF files. Acrobat Professional will be used to: view, navigate, create, manage, and share electronic documents. The course will emphasize current uses of electronic documents in professional and personal settings. Prerequisite: None.  
--Transfers to CSU only |
| **CAPP 135** | 3 units | Using Microsoft Project  
(formerly CAPP-135D Using Microsoft Project 2007)
This course introduces students to 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, and quality management, and communications and risk management. This course is designed for the student who needs a working knowledge of project management tools and techniques. Prerequisite: None  
--Transfers to CSU only |
| **CAPP 140** | 3 units | Using Microsoft Office - Level 2  
(formerly CAPP-140D Using Microsoft Office 2007 - Level 2)
This course is designed to acquaint students with the proper procedures to create more advanced documents, workbooks, databases and presentations suitable for course work, professional purposes, and for personal use. Prerequisite: CAPP-120 (with a grade of C or better).  
--Transfers to CSU only |
| **CAPP 140M** | 3 units | Using OpenOffice - Level 2  
(formerly Using OpenOffice v2-Level 2)
This course is designed to acquaint the students with the proper procedures for creating more advanced documents, workbooks, databases and presentations using the OpenOffice suite. Prerequisite: CAPP 120M.  
--Transfers to CSU only |
| **CAPP 143** | 3 units | Using Microsoft Access - Level 2  
(formerly CAPP-143D Using Microsoft Access 2007 - Level 2)
This course continues the student's inquiry into database applications by presenting advanced features of the MS Access application. The focus in this course will be on multiple-table relations, and students will design and build complex forms, reports and queries with an emphasis on Visual Basic for Applications (VBA). This course is designed for the student who wants to learn how to develop effective database solutions for single-user and workgroup applications. Prerequisite: CAPP-123 (with a grade of C or better).  
--Transfers to CSU only |
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Course Title</th>
<th>Description</th>
<th>Prerequisite</th>
<th>Transferable</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAPP 152</td>
<td>1</td>
<td>Using Acrobat - Level 2</td>
<td>This course is designed for the professional seeking to enhance electronic documents. In this advanced course, students will learn how to use Acrobat to create and manage business documents. Students will create fill-in forms, use advanced editing tool, document review tools, discuss security issues, and produce quality output. Prerequisite: CAPP-132 (with a grade of C or better).</td>
<td>--Transfers to CSU only</td>
<td></td>
</tr>
<tr>
<td>CAPP 160</td>
<td>3</td>
<td>Using Microsoft Office - Level 3 (formerly CAPP-160D Using Microsoft Office-Level 3)</td>
<td>This course introduces students to the Visual Basic for Applications programming environment and how this programming facility can be used to automate many desktop application functions. Emphasis in the course will be on using the object models in the Microsoft Word. Prerequisite: CAPP-140 (with a grade of C or better).</td>
<td>--Transfers to CSU only</td>
<td></td>
</tr>
<tr>
<td>FIN 200</td>
<td>3</td>
<td>Financial Management</td>
<td>This course is designed for business and accounting majors. Emphasis is placed on the financial aspects of corporate finance and managerial decisions and its application to the areas of financial statement analysis, financial markets and institutions, time value of money, risks and rates of returns, stocks and bonds valuations, cost of capital budgeting, working capital management, capital structure and leverage, dividend policy, financial planning and forecasting, derivatives and risk management, and multinational finance. Prerequisite: ACCT-125 (with a grade of C or better).</td>
<td>--Transfers to CSU only</td>
<td></td>
</tr>
<tr>
<td>OTEC 050</td>
<td>1</td>
<td>Keyboarding &amp; Application Software Lab</td>
<td>This course reviews and reinforces the theory and applications taught in Keyboarding and Microsoft application courses. This course offers assignment assistance with current course work. Offered as pass/no pass only. Prerequisite: None.</td>
<td>--Not transferable</td>
<td></td>
</tr>
<tr>
<td>OTEC 095</td>
<td>3</td>
<td>Business English</td>
<td>A study of the principles of editing written communication applicable to business. The course emphasis is on fundamentals of grammar, number usage, punctuation, spelling, and modern business vocabulary. The course provides a thorough treatment of current English usage needed in the business office environment. The basic principles of business writing are introduced. *Cross-listed as ENGL-095. Prerequisite: None.</td>
<td>--Not transferable</td>
<td></td>
</tr>
<tr>
<td>OTEC 131</td>
<td>1</td>
<td>Filing Techniques</td>
<td>Using a hands-on approach, students learn filing rules and techniques established by the Association of Records Managers and Administrators (ARMA) to create and maintain files. This course will cover alphabetic, geographic, subject, and numeric filing. Students review the basics of records management and the role of filing in the office. Prerequisite: None.</td>
<td>--Not transferable</td>
<td></td>
</tr>
<tr>
<td>OTEC 144</td>
<td>3</td>
<td>Keyboarding and Document Formatting</td>
<td>Students learn the basic techniques of the touch system in the mastery of the keyboard and develop speed and accuracy in keyboarding data. They also develop the basic formatting skills necessary to produce letters, memorandums, reports, and tables. Prerequisite: None.</td>
<td>--Not transferable</td>
<td></td>
</tr>
<tr>
<td>OTEC 146</td>
<td>2</td>
<td>Keyboarding Speed and Accuracy</td>
<td>This course focuses on diagnosis of problem keys, key sequences, and drilling techniques to improve student speed and accuracy. Emphasis is on building speed and reducing errors through drilling exercises. Prerequisite: OTEC-144 (with a grade of C or better) or ability to key 30 wpm.</td>
<td>--Not transferable</td>
<td></td>
</tr>
<tr>
<td>OTEC 150</td>
<td>2</td>
<td>Records and Information Management</td>
<td>This course introduces students to the field of records management, specifically physical records. Students will explore the purpose of records management, identify the role of the records manager, research related methodology and technology, and explore the role and maintenance of a records center. Prerequisite: None.</td>
<td>--Transfers to CSU only</td>
<td></td>
</tr>
<tr>
<td>OTEC 153</td>
<td>2</td>
<td>Electronic Records Management</td>
<td>This course examines the field of electronic records management. Students will explore the purpose of electronic records management, identify the need, and research relevant technology. Students will also be introduced to database management software used in the records management field. Prerequisite: OTEC-150 (with a grade of C or better).</td>
<td>--Transfers to CSU only</td>
<td></td>
</tr>
<tr>
<td>OTEC 160</td>
<td>3</td>
<td>Creating and Managing the Virtual Office</td>
<td>This course introduces the concept of working virtually, examines current trends in the virtual arena, and identifies companies promoting the virtual professional. Students explore topics related to creating, managing and working in a virtual office and investigate equipment requirements, as well as the managerial and personal skills needed to be a successful virtual professional. Prerequisites: None.</td>
<td>--Transfers to CSU only</td>
<td></td>
</tr>
<tr>
<td>OTEC 163</td>
<td>3</td>
<td>Operating and Marketing the Virtual Office</td>
<td>This is an advanced level virtual office course. Students will design a business and marketing plan, discuss financial, legal, and ethical business practices, and investigate virtual networking and interviewing. Much of the work done in this class will be completed using virtual tools. Prerequisite: OTEC-160 (with a grade of C or better).</td>
<td>--Transfers to CSU only</td>
<td></td>
</tr>
</tbody>
</table>
Course Descriptions

OTEC 178 3 units
Office Procedures and Systems LEC 48-54
This course develops administration professionals in effective office processes including customer service, time, organizational, follow-up, and work life balance skills necessary for employment as a receptionist, clerk, administrative assistant, office manager, and executive assistant. Students enhance file management, business correspondence, and presentation skills through the use of current technologies. Soft skills will be incorporated in the curriculum as well as resume and interview techniques development. Prerequisite: None.
--Transfers to CSU only

OTEC 180 3 units
Research Analysis and Presentation LEC 48-54
This course develops effective strategies and organizational skills in collecting and analysis of information to be utilized in written and oral reports. Emphasis is on analyzing the research for proficient business practices, cost efficient business expenses, and well-organized communication of findings. Students will enhance their business writing skills and oral presentation skills. Students will gain experience in working individually, face-to-face groups, and virtual groups. Prerequisite: None.
--Transfers to CSU only

SEMA 100 3 units
Our Sustainable Future LEC 48-54
This course introduces the principles of Sustainability within global and domestic business environments. This course will increase student awareness of the ecosystem, human society, and the economy. Discussions will include innovative uses of renewable resources, production processes, human capital, alternative forms of energy, transportation, building materials, food production, media, education, urban planning, new ways to build coalitions and foster community trust. Prerequisite: None.
--AA/AS General Education: AA/AS B2
--Transfers to CSU only

SEMA 101 3 units
Fundamentals of Energy Assessment In Business LEC 48-54
This course introduces students to the systematic study of energy consuming processes, the flow of energy, and efficient energy utilization. The course will focus on business energy assessment surveys and will include analysis of the different opportunities and impacts of energy systems that exist. The range of current and future energy choices will be examined, and the role of renewable energy in developing cohesive business policies and processes will be explored. Prerequisite: SEMA-100 (with a grade of C or better).
--AA/AS General Education: AA/AS A
--Transfers to CSU only

SEMA 110 3 units
Managing Sustainability Business Practices LEC 48-54
This course introduces the concepts of natural resources management with an emphasis on sustainable energy resources and business practices. Topics will include basic natural resources management practices; past, present, and future usage and demand of energy resources; the role of sustainable energy resources in current and future energy policies within the business environment; and the management of sustainable energy resources. Prerequisite: SEMA-100 (with a grade of C or better).
--Transfers to CSU only

Chemistry

CHEM 100 4 units
Introduction to Chemistry LEC 48-54/LAB 48-54
This is an introductory course in the basic concepts of chemistry. Topics covered are: metric system and numbers, chemical view of matter, periodic table and elements, atomic theory, chemical bonds, stoichiometry and chemical equations, solutions and organic chemistry. Prerequisite: MATH-090 (with a grade of C or better) or equivalent or two years of high school algebra.
--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5A, 5C
--CSU Area(s): B1, B3

CHEM 101 5 units
General Chemistry I LEC 48-54/LAB 96-108
A basic course in the principle of chemistry with special emphasis on atomic structure, stoichiometry, chemistry of aqueous solutions, balancing molecular and oxidation reduction reactions, energy relationships in chemical systems, properties of gases, periodic relationships among the elements, chemical bonding, the geometry of molecules, hybridization and molecular orbital theory. A considerable amount of out-of-class study is required. Prerequisite: Two years of high school Algebra or MATH-096 or equivalent (with a grade of C or better).
--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5A, 5C
--CSU Area(s): B1, B3

CHEM 102 5 units
General Chemistry II LEC 48-54/LAB 96-108
This class is a continuation of Chemistry 101. Special emphasis is given to chemical kinetics and 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).
--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5A, 5C
--CSU Area(s): B1, B3

CHEM 107 5 units
Chemistry of Life LEC 64-72/LAB 48-54
This course introduces basic concepts of general (structure of atoms, molecules, states, energy, solutions, acid/bases, equations) organic (structure and properties of major classes of organic molecules) and biological chemistry (carbohydrates, proteins, lipids, nucleic acids, metabolism) of a living cell. Prerequisite: MATH-090 or higher (with a grade of C or better).
--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5A, 5C
--CSU Area(s): B1, B3

CHEM 112 5 units
Organic Chemistry I LEC 48-54/LAB 96-108
This intermediate level 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...
Course Descriptions

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 113</td>
<td>Organic Chemistry II</td>
<td>5 units</td>
<td>LEC 48-54/LAB 96-108</td>
</tr>
<tr>
<td>CDE 101</td>
<td>Principles of Early Childhood Education</td>
<td>3 units</td>
<td>LEC 48-54</td>
</tr>
<tr>
<td>CDE 102</td>
<td>Language and Literacy Experiences for Young Children</td>
<td>3 units</td>
<td>LEC 48-54</td>
</tr>
<tr>
<td>CDE 103</td>
<td>Appropriate Curricula for Young Children</td>
<td>3 units</td>
<td>LEC 48-54</td>
</tr>
<tr>
<td>CDE 105</td>
<td>Service Learning Leadership</td>
<td>1.5 units</td>
<td>LEC 16-18/LAB 24-27</td>
</tr>
<tr>
<td>CDE 109</td>
<td>Children's Music</td>
<td>3 units</td>
<td>LEC 48-54</td>
</tr>
<tr>
<td>CDE 110</td>
<td>Child Development</td>
<td>3 units</td>
<td>LEC 48-54</td>
</tr>
<tr>
<td>CDE 110H</td>
<td>Honors Child Development</td>
<td>3 units</td>
<td>LEC 48-54</td>
</tr>
</tbody>
</table>

Mt. San Jacinto College 2013-2014 Catalog

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).

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5A, 5C
--CSU Area(s): B1, B3

This is the second of a two-semester sequence in organic chemistry. The topics covered include a systematic study of the nomenclature, properties, preparation, reactions and uses in synthesis of alcohols, ethers, aldehydes, ketones, carboxylic acids, acid derivatives and amides, and a study of biological molecules. Prerequisite: CHEM-112 (with a grade of C or better).

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5A, 5C
--CSU Area(s): B1, B3

This course is designed to familiarize students with theories of the development of emerging literacy. Recommended Preparation: ENGL-101. (with a grade of C or better. Recommended Preparation: ENGL-101.

--Transfers to both UC/CSU
--IGETC Area(s): 5A, 5C
--CSU Area(s): B1, B3

CDE 101 Principles of Early Childhood Education

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. Prerequisite: None. Recommended Preparation: ENGL-101.

--Transfers to CSU only

CDE 102 Language and Literacy Experiences for Young Children

This course is designed to familiarize students with theories of the acquisition and development of language in young children from birth. Emphasis is placed on observation, assessment, and instructional strategies teachers and care providers can use to help young children develop their receptive and expressive language skills and to facilitate the development of emerging literacy. Prerequisite: CDE-101 or CDE-110 (with a grade of C or better. Recommended Preparation: ENGL-101.

--Transfers to CSU only

CDE 103 Appropriate Curricula for Young Children

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: 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

CDE 105 Service Learning Leadership

This course provides students the opportunity to utilize leadership theories outside the classroom in community service and take part in the active education while addressing concerns and needs of the community. The goals of this course are to connect the relevance of academic theories to community life experience, enhance student's confidence and self-esteem, and assist in the development, coordination, and participation of community events. *Cross-listed as LEAD-105. Prerequisite: None.

--Transfers to CSU only

CDE 109 Children's Music

This course is designed to teach musical techniques valuable for use with children of pre-school through grade school ages. Included in the class will be notation, singing, music movement, and basic music skills. *Cross-listed as MUS-113. Prerequisite: None.

--AA/AS General Education: AA/AS C
--Transfers to CSU only
--CSU Area(s): C1

CDE 110 Child Development

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. Prerequisite: None. Recommended Preparation: ENGL-101.

--AA/AS General Education: AA/AS B2
--Transfers to both UC/CSU
--IGETC Area(s): 4I
--CSU Area(s): D7

CDE 110H Honors Child Development

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. Prerequisite: Acceptance in the Honors Enrichment Program. Recommended Preparation: ENGL-101.

--AA/AS General Education: AA/AS B2
--Transfers to both UC/CSU
--IGETC Area(s): 4I
--CSU Area(s): D7, D9
## Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Hours</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDE 111</td>
<td>Child Health, Safety and Nutrition</td>
<td>3 units</td>
<td>LEC 48-54</td>
<td>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. Prerequisite: None. Recommended Preparation: ENGL-101. --Transfers to CSU only</td>
</tr>
<tr>
<td>CDE 112A</td>
<td>Disaster Preparedness for Teachers of Young Children</td>
<td>1 unit</td>
<td>LEC 16-18</td>
<td>This course addresses the planning, implementation, and evaluation of disaster preparedness specifically for teachers of young children. Procedures prior to, during and after a disaster are examined. Emphasis is given to earthquake and fire preparedness. Methods to include disaster preparedness in curriculum plans are discussed. Prerequisite: None. Recommended Preparation: CDE-111. --Transfers to CSU only</td>
</tr>
<tr>
<td>CDE 112B</td>
<td>Child Maltreatment</td>
<td>1 unit</td>
<td>LEC 16-18</td>
<td>This course examines a historical perspective of child maltreatment, the effect and causes of child maltreatment on typical child development, and the four types of child maltreatment. This course also examines mandated reporting requirements for licensed child care providers, and possible treatment options regarding child maltreatment and prevention strategies. Prerequisite: None. Recommended Preparation: CDE-111. --Transfers to CSU only</td>
</tr>
<tr>
<td>CDE 112C</td>
<td>Becoming a Health Advocate in the Early Childhood Setting</td>
<td>1 unit</td>
<td>LEC 16-18</td>
<td>This course examines health issues as they relate to the health and education of children in licensed care-settings and prepares students to become Health Advocates in the Early Childhood setting. Prerequisite: None. Recommended Preparation: CDE-111. --Transfers to CSU only</td>
</tr>
<tr>
<td>CDE 113</td>
<td>Art for the Young Child</td>
<td>2 units</td>
<td>LEC 32-36</td>
<td>This course addresses the development of teachers skills in creating a visual arts environment and art activities appropriate to young children. Critical experiences include: defining creativity and drawing connections between the creative process and appropriate classroom practice, understanding how art is used in the early childhood classroom, and implementing appropriate art activities with young children that are aligned with state curriculum guidelines and recommended methods of assessment. Prerequisite: None. Recommended Preparation: ENGL-101 or CDE-110. --Transfers to CSU only</td>
</tr>
<tr>
<td>CDE 115</td>
<td>Science and Math in Early Childhood</td>
<td>3 units</td>
<td>LEC 48-54</td>
<td>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. Prerequisite: None. Recommended Preparation: CDE-101 or CDE-125 (with a grade of C or better). Recommended Preparation: ENGL-101. --Transfers to CSU only</td>
</tr>
<tr>
<td>CDE 118</td>
<td>Diversity and Equity in Early Childhood</td>
<td>3 units</td>
<td>LEC 48-54</td>
<td>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. Prerequisite: CDE-110 and CDE-125 (with a grade of C or better). Recommended Preparation: ENGL-101. --AA/AS General Education: AA/AS B2 or AA/AS F</td>
</tr>
<tr>
<td>CDE 119</td>
<td>Infant and Toddler Growth and Development</td>
<td>3 units</td>
<td>LEC 48-54</td>
<td>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. Prerequisite: CDE-110 (with a grade of C or better). Recommended Preparation: ENGL-101. --Transfers to CSU only</td>
</tr>
<tr>
<td>CDE 120</td>
<td>Infant and Toddler Education and Care</td>
<td>3 units</td>
<td>LEC 48-54</td>
<td>This course provides a framework for infant/toddler care in a childcare setting. Developmental care giving strategies are emphasized. These include designing and implementing developmentally appropriate practices that meet accreditation standards set by the National Association for the Education of Young Children and learning about high quality practices that are recommended by California State Department of Education and WestEd. Prerequisite: None. Recommended Preparation: CDE-119. --Transfers to CSU only</td>
</tr>
<tr>
<td>CDE 125</td>
<td>Child, Family and Community</td>
<td>3 units</td>
<td>LEC 48-54</td>
<td>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. Prerequisite: None. Recommended Preparation: ENGL-101. --AA/AS General Education: AA/AS B2 --Transfers to CSU only --CSU Area(s): D7</td>
</tr>
<tr>
<td>CDE 125H</td>
<td>Honors Child, Family and Community</td>
<td>3 units</td>
<td>LEC 48-54</td>
<td>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. Prerequisite: Acceptance in the Honors Enrichment Program. Recommended Preparation: ENGL-101. --AA/AS General Education: AA/AS B2 --Transfers to CSU only --CSU Area(s): D7</td>
</tr>
</tbody>
</table>

*Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.*
CDE 126 3 units  
**Administration and Supervision of Early Childhood Education Programs I**

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 127 1 unit  
**Advocacy and Networking in Early Childhood Education**

This course provides practical application of student understanding of advocacy and networking in the field of Early Childhood Education. Students learn to connect with local, state and national organizations to bring about changes that positively affect young children, their families, and the communities in which they live. Students will use this knowledge as they plan and implement a Week of the Young Child Celebration event. Prerequisite: None.  
--Transfers to CSU only  

CDE 128 3 units  
**Administration and Supervision of Early Childhood Education Programs II**

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 129 3 units  
**Family Child Care Home**

This course is designed to meet the specific needs of the family child care provider. Topics include licensing regulations, record-keeping, developing contracts and creating partnerships with parents. Emphasis will be given to creating appropriate environments, using appropriate guidance techniques, and planning and implementing appropriate curricula for mixed-age groups of children. Prerequisite: None.  
--Transfers to CSU only  

CDE 131 3 units  
**Children’s Literature**

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 ENGL-131. Prerequisite: ENGL-098 (with a grade of C or better). Recommended Preparation: ENGL-101.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--CSU Area(s): C2  

CDE 131H 3 units  
**Honors Children’s Literature**

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 ENGL-131H. Prerequisite: Acceptance in the Honors Enrichment Program and ENGL-098 (with a grade of C or better). Recommended Preparation: ENGL-101.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--CSU Area(s): C2  

CDE 134 2 units  
**Adult Supervision**

This course covers the methods and principles of supervising adults in the early childhood setting. Emphasis is given to the role of experienced teachers and administrators who function as mentors to student teachers and to new staff while, simultaneously, addressing the needs of children, parents and other staff. Prerequisite: None. Recommended Preparation: Completion of at least 24 units in Child Development and Education courses and two years teaching experience.  
--Transfers to CSU only  

CDE 137 3 units  
**Curriculum and Program Planning for School-Age Child Care**

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. Prerequisite: None. Recommended Preparation: ED-136.  
--Transfers to CSU only  

CDE 140 3 units  
**Children and Youth With Exceptional Needs**

This course provides an overview of the unique characteristics and needs of exceptional children and their families from birth through age twenty-one. This course includes the historical and legislative foundation for civil rights and education services for individuals with disabilities. Emphasis is given to professional roles and collaboration, locating community resources, and developing an awareness of cultural issues and considerations. Prerequisite: CDE-110 (with a grade of C or better). Recommended Preparation: ENGL-101.  
--Transfers to CSU only  

CDE 143 3 units  
**Supporting Children Who Have Challenging Behaviors**

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 intervention and prevention 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, and effectively addressing different types of behaviors by meeting children’s needs. Prerequisite: CDE-140 (with a grade of C or better).  
--Transfers to CSU only
Course Descriptions

CDE 144  3 units
Supervised Field Experience/ Internship In Early Intervention and Inclusion

This course provides a supervised field experience in an early intervention special education setting with young children. It explores the characteristics and distinctive developmental needs of infants and young children with disabilities and other special needs as well as the role that families, teachers and community agencies play in meeting those needs. Special attention will be given to early intervention services in the natural environments, adaptation of curriculum, inclusion and identification and assessment. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: CDE-110, CDE-125, CDE-140, CDE-143 and CDE-147 (with a grade of C or better).

--Transfers to CSU only

CDE 146  3 units
A Relationship-Based Approach to Early Childhood Education

This course will examine recent research on child development and brain development while recognizing the impact of relationships in child care settings. Emphasis is on research and the impact trauma, stress and emotional neglect have on the developing child. Modeling and guidance of adult care-giving styles that promote emotional wellness of young children will be a focus. Prerequisite: None. Recommended Preparation: CDE-110.

--Transfers to CSU only

CDE 147  3 units
Observation and Assessment in Early Childhood Education
(formerly Supervised Field Experience in Observation and Assessment)

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. Prerequisite: CDE-101 and CDE-110 (with a grade of C or better). Recommended Preparation: ENGL-101.

--Transfers to CSU only

CDE 148  3 units
Supervised Field Experience: Student Teaching
(formerly Supervised Field Experience II: Student Teaching)

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 workplace by creating a professional portfolio and practicing interview skills. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: CDE-147 and CDE-103 (with a grade of C or better). Other Enrollment Criteria: Students must teach at a college approved setting for 4 hours per week and students must meet state requirements for TB and criminal record clearance.

--Transfers to CSU only

CDE 149  1-4 units
Occupational Internship: Child Development & Education

The purpose of this course is to enable eligible students to include supervised on-the-job training as an integral part of the total college educational program. This is accomplished through a planned program of learning experiences which combines academic and vocational learning at school with new learning experiences on the job in an occupational setting. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: 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 Occupational Internship Student Handbook for specific information.

--Transfers to CSU only

CDE 299  0.50-3 units
Special Projects: Child Development and Education

This course will examine recent research on child development and brain development while recognizing the impact of relationships in child care settings. Emphasis is on research and the impact trauma, stress and emotional neglect have on the developing child. Modeling and guidance of adult care-giving styles that promote emotional wellness of young children will be a focus. Prerequisite: None. Recommended Preparation: CDE-110.

--Transfers to CSU only

ED 132  3 units
Adolescent Literature

This course is a survey of classic and contemporary works of literature written for and about adolescents and pre-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 ENGL-132. Prerequisite: ENGL-101 (with a grade of C or better).

--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B
--CSU Area(s): C2

ED 132H  3 units
Honors Adolescent Literature

This course is a survey of classic and contemporary works of literature written for and about adolescents and pre-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 ENGL-132H. Prerequisite: Acceptance in the Honors Enrichment Program and ENGL-101 (with a grade of C or better).

--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B
--CSU Area(s): C2

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Communication Studies

COMM 055 3 units
English Pronunciation
LEC 32-36
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. Prerequisite: None.
--AA/AS General Education: AA/AS B2
--Transfers to both UC/CSU

COMM 056 3 units
English Conversation and Culture
LEC 48-54
(Formerly ENGL-056 - English As a Second Language Listening and Conversation)
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: ENGL-098 (with a grade of C or better).
--AA/AS General Education: AA/AS B2
--Transfers to both UC/CSU
--IGETC Area(s): 1C

COMM 100 3 units
Honors Public Speaking
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 and ENGL-098 (with a grade of C or better).
--AA/AS General Education: AA/AS D2
--Transfers to both UC/CSU
--IGETC Area(s): 1C
--CSU Area(s): A1

COMM 100H 3 units
Honors Public Speaking
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 and ENGL-098 (with a grade of C or better).
--AA/AS General Education: AA/AS D2
--Transfers to both UC/CSU
--IGETC Area(s): 1C
--CSU Area(s): A1

COMM 103 3 units
Interpersonal Communication
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: None.
--AA/AS General Education: AA/AS B2
--Transfers to both UC/CSU
--CSU Area(s): D7

COMM 104 3 units
Advocacy and Argument
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: ENGL-098 (with a grade of C or better).
--AA/AS General Education: AA/AS D2
--Transfers to both UC/CSU
--IGETC Area(s): 1C
--CSU Area(s): A1, A3

COMM 104H 3 units
Honors Advocacy and Argument
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: ENGL-098 (with a grade of C or better).
--AA/AS General Education: AA/AS D2
--Transfers to UC/CSU
--IGETC Area(s): 1C
--CSU Area(s): A1, A3

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Course Descriptions

COMM 105 3 units
Voice and Diction LEC 48-54
This course covers voice and speech production for students of theater arts and communications and anyone who wishes to learn to use the voice effectively in a variety of performance situations. Special focus is placed on breath support, vocal relaxation, habitual use, optimum pitch, diction, phonetics and regional dialects. Students will work on developing skills in effective oral communication performance as well as character voice work. *Cross-listed as THA-105. Prerequisite: None.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU

COMM 106 3 units
Small Group Communication 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. Prerequisite: None.
--AA/AS General Education: AA/AS D2
--Transfers to CSU only
--CSU Area(s): A1

COMM 108 3 units
Intercultural Communication 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 cultures across a variety of contexts. This course focuses on the development of cultural awareness (self & others), knowledge, appreciation, and current theoretical intercultural perspectives. It examines potential sources of intercultural understanding and conflict, and explores ways to enhance the effectiveness of communication. Prerequisite: None.
--AA/AS General Education: AA/AS B2 or AA/AS F
--Transfers to both UC/CSU
--CSU Area(s): D7

COMM 108H 3 units
Honors Intercultural Communication 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 cultures across a variety of contexts. This course focuses on the development of cultural awareness (self and others), knowledge, appreciation, and current theoretical intercultural perspectives. It examines potential sources of intercultural understanding and conflict, and explores ways to enhance the effectiveness of communication. The course is designed to satisfy General Education requirements for the Associate Degree. Prerequisite: Acceptance in the Honors Enrichment Program.
--AA/AS General Education: AA/AS B2 or AA/AS F
--Transfers to both UC/CSU
--CSU Area(s): D7

COMM 110 3 units
Communications Media Survey LEC 48-54
This course provides a survey of communications media and the interrelationships of media, individuals, and society including the history, structure, and trends in newspapers, magazines, radio, television, recorded music, film, home video, and the Internet. Students will apply theories and analyze media effects within the context of economics, technology, law and ethics, and social issues. The course is designed to meet associate degree and transfer requirements. Prerequisite: None.
--AA/AS General Education: AA/AS B2
--Transfers to both UC/CSU

COMM 113 3 units
Oral Interpretation of Literature LEC 48-54
This course analyzes the art of communicating works of literary merit to an audience. The appropriate literary selection, the use of vocal skills and 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. Prerequisite: None.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--CSU Area(s): C1

COMM 115 3 units
Persuasion LEC 48-54
This course is designed to provide a better understanding of the theory, practice, and strategies of persuasion in 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. Students develop critical thinking skills by engaging in analysis, evaluation, and composition of persuasive messages. This course will help you become more effective at influencing others. Prerequisite: None.
--Transfers to both UC/CSU

COMM 116 3 units
Gender and Communication LEC 48-54
This course examines the gender differences in communication, theories concerning gender differences, issues of gender in a variety of contexts such as families, relationships, the workplace, the media and school. Prerequisite: None.
--AA/AS General Education: AA/AS B2 or AA/AS F
--Transfers to both UC/CSU
--CSU Area(s): D4, D7

COMM 117 3 units
Professional Communication LEC 48-54
The purpose of this course is to examine and understand 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 in the course. Prerequisite: None.
--AA/AS General Education: AA/AS C
--Transfers to CSU only

COMM 118 3 units
Public Relations LEC 48-54
This course is an introduction to the field and practice of public relations. It examines the origins and evolution of the role of the PR practitioner. Students will learn to identify trends, use research and respond ethically to the many challenges facing organizations today. Strategic management, choice of media, tactics, and types of campaigns are scrutinized and analyzed as are crisis communication and credibility. Prerequisite: None.
--AA/AS General Education: AA/AS D2
--Transfers to CSU only

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
COMM 120  3 units
Survey of Communication Studies  LEC 48-54
This course examines the range of theoretical approaches to the field of communication studies. Course provides an introduction to the field of communication by addressing public, rhetoric, 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. Prerequisite: None.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU

COMM 129  3 units
Reader’s Theater  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 preparation/adaptation, staging/directing techniques, and vocal skills. This course culminates in public performance. *Cross-listed as THA-127. Prerequisite: None.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU

COMM 149  1-4 units
Occupational Internship:  Paid 75-300/Unpaid 60-240
Communication
The purpose of this course is to enable eligible students to include supervised on-the-job training as an integral part of the total college educational program. This is accomplished through a planned program of learning experiences which combines academic and vocational learning at school with new learning experiences on the job in an occupational setting. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: 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 Occupational Internship Student Handbook for specific information.
--Transfers to CSU only

COMM 201  3 units
Advanced Public Speaking  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 and advanced critical analysis of oratory. 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  1-3 units
Special Projects: Communication  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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Communication classes; a contract with the instructor must be filled out prior to enrollment.
--Transfers to CSU only

Computer Information Systems

CSIS 039A  1 unit
Database Vendor Certification Test Review  LEC 16-18
The focus of this course is on reviewing database vendor technology concepts and taking practice exams in preparation for database vendor professional certification. This course is designed for students who already have some experience in the exam content area, but are looking for a refresher course to better prepare for the certification exam. Prerequisite: None.
--Not transferable

CSIS 101  3 units
Introduction to Computers and Data Processing  LEC 48-54
This course provides a general introduction to computer systems with an emphasis on understanding the application of information technologies in an organizational setting. The student is introduced to the components of an information system (hardware, software, data and people), and the techniques for implementing these systems (program design and system analysis and design), and the technologies for disseminating these systems (network and internet). Students will learn to use computing applications as a tool to improve personal productivity, with an emphasis on spreadsheet applications. This course is designed for students who are interested in how information technologies improve organizational effectiveness as well as how these technologies can improve personal productivity. Prerequisite: None.
--AA/AS General Education: AA/AS D2
--Transfers to both UC/CSU

CSIS 103  3 units
Introduction to the Internet  LEC 48-54
The 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. No prior computing experience required. Prerequisite: None.
--Transfers to CSU only

CSIS 104  3 units
Introduction to E-Commerce Infrastructure  LEC 48-54
This course introduces students to the fundamental concepts of e-commerce infrastructure including communication protocols, web programming and markup languages, and website security and management. The course will examine the functional requirements of e-commerce websites, and illustrate principles of implementing e-commerce infrastructure including communication protocols, e-commerce infrastructure including communication protocols, and website security and management. The course will examine the functional requirements of e-commerce websites, and illustrate principles of implementing e-commerce systems using appropriate technology. This course is designed for the student who is interested in learning about E-commerce as well as the career options that are available in this field. Prerequisite: None.
--Transfers to CSU only

CSIS 111B  3 units
Fundamentals of Computer Programming  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. Prerequisite: None.
--AA/AS General Education: AA/AS D2
--Transfers to both UC/CSU

Mt. San Jacinto College 2013-2014 Catalog 223

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Course Descriptions

CSIS 112A  3 units
Visual Basic Programming - Level 1
LEC 48-54
Introduction to event-driven programming in the Windows environment. Visual Basic will be utilized to develop programs that demonstrate graphical user interface design, database access, and OLE integration. Prerequisite: None.
--AA/AS General Education: AA/AS D2
--Transfers to both UC/CSU

CSIS 113A  3 units
C++ Programming - Level 1
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. Prerequisite: None.
--AA/AS General Education: AA/AS D2
--Transfers to both UC/CSU

CSIS 113B  3 units
Java Programming - Level 1
(formerly JAVA Programming - Level 1)
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. Prerequisite: None.
--AA/AS General Education: AA/AS D2
--Transfers to both UC/CSU

CSIS 113C  3 units
C# Programming - Level 1
(for Formerly C# Programming)
LEC 48-54
This is an introductory course that will provide students with the basic knowledge and skills they need to develop applications with 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. Prerequisite: None. Recommended Preparation: CSIS-114A.
--AA/AS General Education: AA/AS D2
--Transfers to both UC/CSU

CSIS 114A  3 units
SQL Programming - Level 1
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. Prerequisite: None.
--AA/AS General Education: AA/AS D2
--Transfers to both UC/CSU

CSIS 114C  3 units
Database Programming - Level 1
LEC 48-54
This course introduces database programming techniques (stored routines, procedures and functions). Students will investigate and evaluate various program design methodologies and apply them to database programming problems. Programming features that will be covered include language syntax, data types, block, function, and procedure definitions, and control structures. Prerequisite: CSIS-114A (with a grade of C or better).
--AA/AS General Education: AA/AS D2
--Transfers to both UC/CSU

CSIS 115A  3 units
Web Development - Level 1
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). Prerequisite: None.
--Transfers to CSU only

CSIS 115B  3 units
XML Design - Level 1
LEC 48-54
This course introduces students to the eXtensible Markup Language (XML) and the eXtensible Style Language. XML syntax features will be covered as well as document type definitions (DTDs), schemas, and document rendering. This course is designed for students who wish to learn about advanced internet publishing technologies. Prerequisite: None.
--AA/AS General Education: AA/AS D2
--Transfers to CSU only

CSIS 116B  3 units
Developing ASP.NET Web Applications
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. Prerequisite: None. Recommended Preparation: CSIS-115A.
--Transfers to CSU only

CSIS 116D  3 units
PHP Web Development
LEC 48-54
This course is designed to teach students how to configure and code using one of the web design community's most popular open-source web server extensions, PHP Hypertext Processor. Students will also learn how to create dynamically generated web pages using PHP and database connectivity. Prerequisite: CSIS-115A or CSIS-117C (with a grade of C or better).
--Transfers to CSU only

CSIS 116E  3 units
Python Programming - Level 1
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. Prerequisite: None.
--AA/AS General Education: AA/AS D2
--Transfers to both UC/CSU

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>LEC</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSIS 116G</td>
<td>Ruby Programming - Level 1</td>
<td>3</td>
<td>48-54</td>
<td>This course introduces students to Ruby programming. The emphasis in this course is on Ruby language fundamentals and syntax. Topics will include Ruby sequence, repetition, and selection control structures. Ruby on Rails and the development of web applications will be introduced, but is not the focus of this course. Prerequisite: None. --AA/AS General Education: AA/AS D2 --Transfers to CSU only</td>
</tr>
<tr>
<td>CSIS 117D</td>
<td>Dynamic Web Development and Administration Using Microsoft Web Tools</td>
<td>3</td>
<td>48-54</td>
<td>This course introduces students to Web site development and Web site administration using Microsoft's Expression Web integrated development environment (IDE). Students will learn how to create and enhance web pages with hyperlinks, graphics, tables, behaviors and cascading style sheets (CSS). Students will also learn how to publish, manage, and administer their Web site. This course is designed for students who are interested in an Information Technology career in Web site development, administration, or e-commerce. Prerequisite: None. Recommended Preparation Advisory: Students should have knowledge of Web browsers and the Internet. --Transfers to CSU only</td>
</tr>
<tr>
<td>CSIS 118A</td>
<td>Embedded Systems Programming</td>
<td>3</td>
<td>48-54</td>
<td>An introductory course in embedded systems programming. Students will learn programming at the micro processor level using C and assembly programming languages. Topics include programming in a real time operating system environment, device drivers, boot loading, remote debugging, and real-time communications. Prerequisite: None. Recommended Preparation: Previous high-level programming language experience. --AA/AS General Education: AA/AS D2 --Transfers to CSU only</td>
</tr>
<tr>
<td>CSIS 118B</td>
<td>Computer Organization &amp; Assembly Language</td>
<td>3</td>
<td>32-36/LAB 48-54</td>
<td>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. Prerequisite: None. --Transfers to both UC/CSU</td>
</tr>
<tr>
<td>CSIS 119A</td>
<td>ActionScript Programming - Level 1</td>
<td>3</td>
<td>48-54</td>
<td>This course is an introduction to the ActionScript programming language used for creating flash animations. This course will focus on program structure, language syntax, event driven programming, integration of graphics and video, and implementation details. Prerequisite: None. --Transfers to CSU only</td>
</tr>
<tr>
<td>CSIS 122A</td>
<td>Visual Basic Programming - Level 2</td>
<td>3</td>
<td>48-54</td>
<td>Design, build, and implement business solutions using Microsoft Visual Basic. Advanced topics include component creation and Internet development. Prerequisite: CIS-140/CSIS-112A (with a grade of C or better). --AA/AS General Education: AA/AS D2 --Transfers to both UC/CSU</td>
</tr>
<tr>
<td>CSIS 123A</td>
<td>C++ Programming - Level 2</td>
<td>3</td>
<td>48-54</td>
<td>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). --AA/AS General Education: AA/AS D2 --Transfers to both UC/CSU</td>
</tr>
<tr>
<td>CSIS 123B</td>
<td>Java Programming - Level 2 (formerly JAVA Programming - Level 2)</td>
<td>3</td>
<td>48-54</td>
<td>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). --AA/AS General Education: AA/AS D2 --Transfers to both UC/CSU</td>
</tr>
<tr>
<td>CSIS 123C</td>
<td>C# Programming - Level 2</td>
<td>3</td>
<td>48-54</td>
<td>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</td>
</tr>
<tr>
<td>CSIS 124A</td>
<td>SQL Programming - Level 2</td>
<td>3</td>
<td>48-54</td>
<td>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). --AA/AS General Education: AA/AS D2 --Transfers to both UC/CSU</td>
</tr>
<tr>
<td>CSIS 124C</td>
<td>Database Programming - Level 2</td>
<td>3</td>
<td>48-54</td>
<td>This course explores advanced capabilities of the Oracle, MySQL, and/or MS SQL Server database systems and programming in database languages to solve complex database problems. Database programming features that will be covered include: cursors, transaction control, triggers, importing and exporting data, and using features and services available in packaged libraries. Prerequisite: CSIS-114C (with a grade of C or better). --AA/AS General Education: AA/AS D2 --Transfers to CSU only</td>
</tr>
</tbody>
</table>

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
## Course Descriptions

### CSIS 125A
**Web Development - Level 2**

<table>
<thead>
<tr>
<th>Units</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>LEC 48-54</td>
<td>This is an extensive course on the advanced technologies used in Web Development including client-side behaviors and Web-based tools like YUI and JQuery. Students will learn about Dynamic HTML (DHTML), client-side scripting, the Document Object Model (DOM), Asynchronous JavaScript and XML (AJAX), and the Web-based tools available for developing professional Web pages including technologies used for: form validation, adding Flash-embedded objects, adding Web widgets, and much more. Prerequisite: CSIS-115A or MUL-112 (with a grade of C or better). --Transfers to CSU only</td>
</tr>
</tbody>
</table>

### CSIS 126E
**Python Programming - Level 2**

<table>
<thead>
<tr>
<th>Units</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>LEC 48-54</td>
<td>This course continues the investigation of the Python programming language. Python features that will be covered include object-oriented design, advanced data collections, modules and packages, file handling, and features and services available in the Python standard library. Prerequisite: CSIS-116E (with a grade of C or better). --AA/AS General Education: AA/AS D2 --Transfers to both UC/CSU</td>
</tr>
</tbody>
</table>

### CSIS 132
**Creating Visual Basic Database Applications**

<table>
<thead>
<tr>
<th>Units</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>LEC 48-54</td>
<td>This course introduces students to database programming with Visual Basic. Topics include programming the DAO and ADO object model, creating a database class module, and ASP and VBScript programming. This course is elective in the Visual Basic Employment Concentration and is designed to prepare students for entry-level employment as a Visual Basic Programmer. Prerequisite: CIS-140/CSIS-112A (with a grade of C or better). --Transfers to CSU only</td>
</tr>
</tbody>
</table>

### CSIS 134A
**SQL Programming - Level 3**

<table>
<thead>
<tr>
<th>Units</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>LEC 48-54</td>
<td>This is an advanced course in SQL programming and will introduce the tuning techniques and tools used to improve SQL performance. Transaction integrity will also be covered using the ACID model, and stored procedures will be introduced. Prerequisite: CSIS-124A (with a grade of C or better). --AA/AS General Education: AA/AS D2 --Transfers to CSU only</td>
</tr>
</tbody>
</table>

### CSIS 149
**Occupational Internship:**

<table>
<thead>
<tr>
<th>Units</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-4</td>
<td>Paid 75-300/Unpaid 60-240</td>
<td>The purpose of this course is to enable eligible students to include supervised on-the-job training as an integral part of the total college educational program. This is accomplished through a planned program of learning experiences which combines academic and vocational learning at school with new learning experiences on the job in an occupational setting. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: 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 Occupational Internship Student Handbook for specific information. --Transfers to CSU only</td>
</tr>
</tbody>
</table>

### CSIS 150
**Using Microsoft Windows**

<table>
<thead>
<tr>
<th>Units</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>LEC 48-54</td>
<td>This course introduces students to the basic mechanics of operating a Windows operating system. The course is an introductory level course that helps students learn to efficiently navigate and manage the Windows environment. Topics covered will include desktop customization, file and folder management, and software and hardware installations. Prerequisite: None. --Transfers to CSU only</td>
</tr>
</tbody>
</table>

### CSIS 151
**Using the OS Command Line Interface**

<table>
<thead>
<tr>
<th>Units</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>LEC 48-54</td>
<td>This course introduces the student to the command-line interface in popular operating systems (e.g. DOS, Windows, and Linux). Concepts to be covered include the shell interface, disk management, batch files, backup and recovery, and file and system security issues. Prerequisite: None. --AA/AS General Education: AA/AS D2 --Transfers to CSU only</td>
</tr>
</tbody>
</table>

### CSIS 153
**Using Unix-Based Operating Systems**

<table>
<thead>
<tr>
<th>Units</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>LEC 48-54</td>
<td>This course introduces the fundamental features of UNIX operating systems. Students will be introduced to command line basics, file and directory management, text editors, and shell programming. Prerequisite: None. --AA/AS General Education: AA/AS D2 --Transfers to CSU only</td>
</tr>
</tbody>
</table>

### CSIS 154
**Using and Configuring Windows Operating Systems**

<table>
<thead>
<tr>
<th>Units</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>LEC 48-54</td>
<td>This course introduces the student to system administration concepts and MS Windows system administration tools. Concepts to be covered include system and software installation, user and profile management, disk management, backup and recovery, and security issues. Prerequisite: None. --Transfers to CSU only</td>
</tr>
</tbody>
</table>

### CSIS 171
**Service Desk Concepts**

<table>
<thead>
<tr>
<th>Units</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>LEC 48-54</td>
<td>This course introduces students to Service Desk concepts and technology. Within the context of the incident management and problem management life cycles, students will examine: service desk concepts, operations, roles and responsibilities, and processes and procedures. Prerequisite: None. --Not transferable</td>
</tr>
</tbody>
</table>

### CSIS 171L
**Service Desk Lab**

<table>
<thead>
<tr>
<th>Units</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>LAB 48-54</td>
<td>This course is designed for the student who wants to gain hands-on experience in applying the concepts and technologies of a service/help desk. Students will use a variety of software tools and technologies to analyze user needs, and to track and report trouble incidents. Prerequisite: CSIS-171 (with a grade of C or better). --Not transferable</td>
</tr>
</tbody>
</table>

### CSIS 181
**Computer Hardware - Level 1**

<table>
<thead>
<tr>
<th>Units</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>LEC 64-72</td>
<td>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</td>
</tr>
</tbody>
</table>
Course Descriptions

**CSIS 182**
**Computer Forensics**
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, PDAs, cell phones, and thumb drives. Prerequisite: CSIS-181 (with a grade of C or better) or equivalent assessment.

**CSIS 183**
**Green Computing**
2 units
LEC 32-36
This course introduces techniques and methodologies that can be used to reduce the carbon footprint of an organization’s IT resources. Green IT policies and standards will also be covered. Prerequisite: CSIS-181 (with a grade of C or better).

**CSIS 188**
**Introduction to Digital Circuits**
3 units
LEC 48-54
This course introduces the basic concepts and principles of information systems analysis and design within the context 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).

**CSIS 201**
**System Analysis and Design**
3 units
LEC 48-54
This course introduces students to fundamental data communication concepts including voice and data communications, networking hardware, the OSI model, and network design. Network management and security issues are also covered. 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. Prerequisite: None.

**CSIS 202**
**Networks and Data Communications**
3 units
LEC 48-54
This course introduces students to fundamental data communication concepts including voice and data communications, networking hardware, the OSI model, and network design. Network management and security issues are also covered. 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. Prerequisite: None.

**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-123A or CSIS-123B (with a grade of C or better).

**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: MATH-211 (with a grade of C or better).

**CSIS 214**
**Principles of Database Management Systems**
3 units
LEC 48-54
This course introduces the theory and principles of relational database management systems. Students will apply these concepts in the design and development of a simple database application. Topics to be covered include data modeling, logical and physical database design, normalization and denormalization, and client-server and distributed database architectures. Prerequisite: None.

**CSIS 223A**
**Linux System Administration - Level 1**
3 units
LEC 48-54
This course introduces system administration concepts and Linux system administration tools. Concepts to be covered include system and software installation, kernel building and configuration, system startup and shutdown, and user and group management issues. Prerequisite: None. Recommended Preparation: CSIS-153.

**CSIS 233A**
**Linux System Administration - Level 2**
3 units
LEC 48-54
This course focuses on advanced Linux system administration concepts and tools and introduces techniques for managing a Linux platform in a networked environment. System log files will be examined and used to support system admin and security needs. Prerequisite: CSIS-223A (with a grade of C or better).
Course Descriptions

CSIS 241A 3 units
Database Server Administration - Level 1  LEC 48-54
This course introduces the tools and methodologies of database administration. Database architectures will be studied, especially in regard to installation and configuration issues. Students will install and configure a functioning multi-user database system. Prerequisite: None.
--Transfers to CSU only

CSIS 261A 3 units
Database Server Administration - Level 2  LEC 48-54
This course introduces advanced tools, techniques and methodologies tools and methodologies of database administration. The emphasis in this course is on managing and administering the day-to-day operations of a multi-user database system. Topics that will be covered include: backup and recovery, user management, and performance tuning. Prerequisite: CSIS-241A (with a grade of C or better).
--Transfers to CSU only

CSIS 298A 0.50-3 units
CIS Special Topics: Programming  LEC 8-54
This course permits students to study relevant programming topics within the field of computer information systems. Topics and credit will vary. (May be taken for additional credit with new content). Prerequisite: None.
--Transfers to CSU only

CSIS 298B 0.50-3 units
CIS Special Topics: Database Technologies
This course introduces the student to new and emerging database tools and technologies. Students will have the opportunity to develop and build prototypes for the concepts, procedures, and methodologies covered in class. Topics and credit will vary. (May be taken for additional credit with new content) Prerequisite: CSIS-114A (with a grade of C or better).
--Transfers to CSU only

CSIS 299 1-3 units
Special Projects: Computers  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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous computer courses; a contract must be completed with the instructor prior to enrollment.
--Transfers to CSU only

NET 101 3 units
Routing Protocols and Concepts  LEC 48-54
(formerly Layer 3 Routing and Router Management)
This course describes the architecture, components, and operation of routers, and explains the principles of routing and routing protocols. Students analyze, configure, verify, and troubleshoot the primary routing protocols RIPv1, RIPv2, EIGRP, and OSPF. By the end of this course, students will be able to recognize and correct common routing issues and problems. Prerequisite: NET-100 (with a grade of C or better).
--Transfers to CSU only

NET 102 3 units
LAN Switching and Wireless  LEC 48-54
(formerly Wide Area Network Design and Protocol Configuration)
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, VLANs, and Inter-VLAN routing in a converged network. Prerequisite: NET-101 (with a grade of C or better).
--Transfers to CSU only

NET 103 3 units
Accessing the WAN  LEC 48-54
This course discusses the WAN technologies and network services required by converged applications in enterprise networks. The course uses the Cisco Network Architecture to introduce integrated network services and explains how to select the appropriate devices and technologies to meet network requirements. Students learn how to implement and configure common data link protocols and how to apply WAN security concepts, principles of traffic, access control, and addressing services. Prerequisite: NET-102 (with a grade of C or better).
--Not transferable

NET 120 3 units
Installing, Configuring, and Administering a Windows Client Operating System  LEC 48-54
This course is designed to validate the foundational skills that an operating systems professional needs in order to install, configure, and administer Microsoft client operating systems (Microsoft Windows XP and more recent versions). This course helps students prepare for the Microsoft Certified Systems Administrator Client Core examination (Client Workstation). Prerequisite: CSIS-202 (with a grade of C or better).
--Transfers to CSU only

NET 121 3 units
Managing and Maintaining a Microsoft Windows Server Environment  LEC 48-54
This course is designed to validate the foundational skills that an operating systems professional needs in order to install, configure, and administer Microsoft server operating systems (Microsoft Windows Server 2003 and more recent versions). This course helps students prepare for the Microsoft Certified Systems Administrator Client Core examination (Server). Prerequisite: CSIS-202 (with a grade of C or better).
--Transfers to CSU only

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Course Descriptions

**NET 122** 3 units
Implementing, Managing, and Maintaining a Windows Network Infrastructure
LEC 48-54
This course is designed to validate the foundational skills that an operating systems professional needs in order to implement, manage, and maintain the network infrastructure that supports Microsoft server operating systems (Microsoft Windows Server 2003 and more recent versions). This course helps students prepare for the Microsoft Certified Systems Administrator Client Core examination (Network Infrastructure). Prerequisite: CSIS-202 (with a grade of C or better).
--Transfers to CSU only

**NET 140** 3 units
Network Security Fundamentals
LEC 48-54
This course is designed to provide students in networking a general understanding of security concepts, communication security, infrastructure security, the basics of cryptography, and operational and organizational security. This course is designed to help students prepare for the Security+ exam from CompTia. Prerequisite: CSIS-202 (with a grade of C or better).
--Transfers to CSU only

**NET 141** 3 units
Hardening the Infrastructure
LEC 48-54
This course is designed to provide students with the foundational skills that a security professional requires. These skills include router security, operating system security, advanced knowledge of TCP/IP, and network security basics. This course helps students prepare for the Security Certified Network Professional examinations. Prerequisite: CSIS-202 (with a grade of C or better).
--Transfers to CSU only

**NET 142** 3 units
Network Defense and Countermeasures
LEC 48-54
This course is designed to validate the foundational skills that a security professional requires. These skills include intrusion detection systems design and implementation, network traffic signatures, security policies, risk analysis, firewall design and implementation. This course helps students prepare for the Security Certified Network Professional examinations. Prerequisite: CSIS-202 (with a grade of C or better).
--Transfers to CSU only

**DAN 100** 3 units
History and Appreciation of Dance
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. Prerequisite: None.
--AA/AS General Education: AA/AS B2 or AA/AS C and AA/AS F
--Transfers to both UC/CSU
--IGETC Area(s): 3A, 3B
--CSU Area(s): C1

**NET 108** 3 units
Improvisation for Dance and Theater
LEC 48-54
This course explores unscripted theater using techniques found in viewpoints, action theater, mask work, contact improvisation, theater games, and dance. Students will develop as whole performers through learning intuitive response techniques in all performance situations. *Cross-listed as THA-108. Prerequisite: None.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--CSU Area(s): E1

**DAN 120** 2 units
Conditioning and Alignment for Dance
LEC 24-27/LAB 24-27
The special conditioning needs of dancers are addressed through a variety of movement disciplines, theories and practices (e.g., Pilates, Bartenieff Fundamentals, Alexander Technique, Release Technique, Structural Reintegration, weight training, aerobics and Yoga.) Exercises for strength, flexibility, neuromuscular coordination, and cardiovascular coordination augmented with conditioning for alignment, neuromuscular coordination, and relaxation. Students learn to assess their own conditioning needs for dance. Individual plans will be created and implemented. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU
--CSU Area(s): E1

**DAN 121** 2 units
Beginning Ballet
LEC 24-27/LAB 24-27
An introduction to the classical dance techniques of ballet emphasizing alignment, strength, flexibility, balance and musicality. Historical perspectives, terminology, basic barre and center combinations are learned. Throughout the course, particular attention is placed on the development of a body capable of moving in the ballet aesthetic (the development of a strong core, uplifted stance, turn-out, epaulement, a frontal presentation of the body) and on the recognition of that aesthetic as part of the Western tradition. May be taken 2 times for credit. Prerequisite: None.
--AA/AS General Education: AA/AS C or AA/AS E
--Transfers to both UC/CSU
--CSU Area(s): C1

**DAN 122** 2 units
Beginning Modern Dance
LEC 24-27/LAB 24-27
This beginning level study of modern dance techniques focuses on the inner impulse of modern dance and draws upon the movement vocabularies of classical, post-modern, and contemporary styles. Techniques which may be covered are: Graham, Holm, Humphrey-Weidman, Limon, Cunningham, Horton, Hawkins, Taylor, Tharp, Hay, Farber, and contemporary styles of current modern dance artists. The development of dynamic alignment suppleness flexibility rhythmicality musicality endurance balance modern dance movement vocabulary and historicity is emphasized. May be taken 2 times for credit. Prerequisite: None.
--AA/AS General Education: AA/AS C or AA/AS E
--Transfers to both UC/CSU
--CSU Area(s): C1

Mt. San Jacinto College 2013-2014 Catalog

*Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.*
### Course Descriptions

#### DAN 123  
**Beginning Jazz Dance**  
LEC 24-27/LAB 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 the dominant 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. Prerequisite: None.  
- AA/AS General Education: AA/AS C or AA/AS E  
- Transfers to both UC/CSU  
- CSU Area(s): C1

#### DAN 124  
**Beginning Tap Dance**  
LEC 24-27/LAB 24-27  
This beginning level course introduces students to the uniquely American dance form known as tap dance. 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. Prerequisite: None. Other Enrollment Criteria: Students must purchase tap shoes for their own use.  
- AA/AS General Education: AA/AS C or AA/AS E  
- Transfers to both UC/CSU  
- CSU Area(s): E1

#### DAN 125  
**Choreography I**  
LEC 48-54  
(formerly Introduction To Choreography)  
The study of the art of choreography emphasizes analysis of the evocative language of movement as a form of human expression. Various means of instruction are employed to introduce choreographic forms and principles, history, and the elements of space, time, energy, motion and stasis in this entry-level course. Personal investment and individual creativity are stressed. Prerequisite: None.  
- AA/AS General Education: AA/AS C or AA/AS E  
- Transfers to both UC/CSU  
- IGETC Area(s): 3A  
- CSU Area(s): C1

#### DAN 126  
**Intermediate Modern Dance**  
LEC 16-18/LAB 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 fostered as well as the understanding of the historical and cultural context of the modern dance canon. May be taken 2 times for credit. Prerequisite: DAN-122 (with a grade of C or better) or by audition. Recommended Preparation: Modern dance experience.  
- AA/AS General Education: AA/AS C or AA/AS E  
- Transfers to both UC/CSU  
- CSU Area(s): C1

#### DAN 127  
**Intermediate Jazz Dance**  
LEC 16-18/LAB 48-54  
This course facilitates the study of jazz dance technique on 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. Prerequisite: DAN-123 (with a grade of C or better) or by audition.  
- AA/AS General Education: AA/AS C or AA/AS E  
- Transfers to both UC/CSU  
- CSU Area(s): C1

#### DAN 128  
**Intermediate Ballet**  
LEC 24-27/LAB 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 the European aesthetic will also be discussed. May be taken 2 times for credit. Prerequisite: DAN-121 (with a grade of C or better) or by audition. Other Enrollment Criteria: Students must supply their own ballet slippers for this course.  
- AA/AS General Education: AA/AS C or AA/AS E  
- Transfers to both UC/CSU  
- CSU Area(s): C1

#### DAN 129  
**Intermediate Tap Dance**  
LEC 24-27/LAB 24-27  
This course presents a continuation of skills learned in DAN 124 and emphasizes the development of rhythmic and dynamic 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.  
- AA/AS General Education: AA/AS C or AA/AS E  
- Transfers to both UC/CSU  
- CSU Area(s): C1

#### DAN 130  
**Beginning Ballroom Dance**  
LEC 24-27/LAB 24-27  
This beginning course in ballroom dance introduces selected dances such as the cha cha, foxtrot, hustle, mambo, merengue, rumba, salsa, samba, swing, tango, and the waltz. Emphasis is on alignment, etiquette, leading and following, performance techniques and presentation of simple dance phrases. Cultural and social origins of each style are explored with emphasis on historical development. Ballroom dance as art, social history, popular dance, professional competition, and dancesport is studied. Prerequisite: None.  
- AA/AS General Education: AA/AS C or AA/AS E  
- Transfers to both UC/CSU  
- CSU Area(s): C1

#### DAN 131  
**Beginning Hip Hop**  
LEC 24-27/LAB 24-27  
This beginning course in hip hop introduces the movement vocabularies of street dancing as well as its historical context. The most current trends in film, stage dance and television may be included. 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. Students will be encouraged to develop individual interpretation and personal style indigenous to this dance form. Prerequisite: None. Recommended Preparation: Beginning and/or intermediate level jazz dance.  
- AA/AS General Education: AA/AS C or AA/AS E  
- Transfers to both UC/CSU  
- CSU Area(s): E1

---

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
### Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DAN 133</strong></td>
<td>3 units</td>
<td>History of Popular Dance in the United States (formerly History of American Popular Dance on Stage, Screen and Television)</td>
<td>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. Prerequisite: None. --AA/AS General Education: AA/AS C --Transfers to both UC/CSU --IGETC Area(s): 3A --CSU Area(s): C1</td>
</tr>
<tr>
<td><strong>DAN 201</strong></td>
<td>1 unit</td>
<td>Dances of the World</td>
<td>This course offers the opportunity for concerted study in up to four specific, world dance traditions. Through master classes, lectures, demonstrations, and performances-live and on DVD, students explore cultural dance, as a product of the society that created it. Dances are analyzed for their classical tradition, sacred/ceremonial import and/or theatrical impact within its society. Workshops with master teachers include movement, vocabulary, rhythms and styles of each form, emphasizing cultural, sociological, economic, and geographical perspectives. Prerequisite: None. --AA/AS General Education: AA/AS C or AA/AS E and AA/AS F --Transfers to both UC/CSU --CSU Area(s): E1</td>
</tr>
<tr>
<td><strong>DAN 209</strong></td>
<td>1-3 units</td>
<td>Musical Production</td>
<td>This course is designed for the presentation of a musical. Students will learn the preparation of a production including: rehearsal technique, acting, movement, music, dramatic text, and technical theater. *Cross-listed as MUS-209 and THA-209. Prerequisite: By audition and/or interview. --AA/AS General Education: AA/AS C --Transfers to both UC/CSU --CSU Area(s): C1</td>
</tr>
<tr>
<td><strong>DAN 212</strong></td>
<td>1-3 units</td>
<td>Dance Production</td>
<td>This course is designed to produce and present a dance concert. Students will be introduced to the major aspects of a dance production, with emphasis placed on the choreographic and rehearsal process as it leads to 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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: By audition or interview. Recommended Preparation: Prior dance experience. --AA/AS General Education: AA/AS C or AA/AS E --Transfers to both UC/CSU --CSU Area(s): C1</td>
</tr>
<tr>
<td><strong>DAN 214</strong></td>
<td>3 units</td>
<td>Dance Touring Ensemble</td>
<td>This performance ensemble of intermediate to advanced dancers develops, rehearses and tours programs on the art of dance for presentation at schools, community centers and/or senior citizen residencies throughout the MSJC College District. Students will learn all aspects of touring and will be assigned various roles which may include: creating a lecture-demonstration, creating original choreographies, learning existing repertory, helping in dance reconstructions, designing costumes, setting-up and striking all tour equipment, costumes, and sets. Prerequisite: By Audition and/or interview. Recommended Preparation: Two years of dance training or performing experience per vitaet. --AA/AS General Education: AA/AS C or AA/AS E --Transfers to both UC/CSU</td>
</tr>
<tr>
<td><strong>DAN 225</strong></td>
<td>3 units</td>
<td>Choreography II</td>
<td>The continuing study of the art of choreography emphasizes 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. --AA/AS General Education: AA/AS C --Transfers to both UC/CSU --IGETC Area(s): 3A --CSU Area(s): C1</td>
</tr>
<tr>
<td><strong>DAN 299</strong></td>
<td>1-3 units</td>
<td>Special Projects: Dance</td>
<td>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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Dance classes; a contract must be completed with the instructor prior to enrollment. --Transfers to CSU only</td>
</tr>
<tr>
<td><strong>DMS 095</strong></td>
<td>3 units</td>
<td>Sonography Medical Terminology</td>
<td>The course provides students with the knowledge and understanding of medical terminology used in the Diagnostic Medical Sonography field. Prerequisite: Acceptance into the Diagnostic Medical Sonography Program. --Not transferable</td>
</tr>
<tr>
<td><strong>DMS 100</strong></td>
<td>2 units</td>
<td>Fundamentals of Diagnostic Medical Sonography</td>
<td>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</td>
</tr>
</tbody>
</table>
Course Descriptions

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: DMS-095 (with a grade of C or better). --Transfers to CSU only

DMS 103  Patient Care Techniques for Sonographers  3 units  LEC 32-36/LAB 48-54
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 an on the job observation in a sonography department of a selected affiliated hospital/medical center. The student will observe how an ultrasound department functions, Department protocols and procedures, learn to read physician orders, the appropriate diagnosis for the procedure and compare it to the patient chart, sterile techniques, hospital procedures for patients isolation rooms. The student will also begin to learn the functions of the machine used in their clinical training site. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: DMS-100 with a grade of C or better. --Transfers to CSU only

DMS 110  Sectional Imaging  2 units  LEC 32-36
In this course computerized tomography, magnetic resonance and ultrasound images are correlated to review and identify anatomy of the skull, thorax, abdomen and pelvis. The student will build upon their knowledge of anatomy while evaluating diagnostic imaging techniques. 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 an 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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: DMS-104 (with a grade of C or better). --Transfers to CSU only

DMS 120  Abdomen Scanning  1.5 units  LAB 72-81
This course covers abdomen and small parts anatomy and sonography scanning techniques. Interpretation of clinical laboratory tests, related clinical signs and symptoms, normal and abnormal sonographic appearance and anatomy gray-scale pattern differences are discussed. Demonstrations on advanced scanning techniques and protocols will be included. 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 cover 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). --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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. 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  3 units  LEC 48-54
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  1.5 units  LEC 24-27
This course covers abnormal sonographic and Doppler patterns of pelvic and obstetric disease processes, pathology, and pathophysiology. Students will recognize, identify, and appropriately document pathology of the female pelvis and fetus. Case studies will be evaluated and discussed. Prerequisite: DMS-122 (with a grade of C or better). --Transfers to CSU only

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
### Earth Science

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 101</td>
<td>3</td>
<td>Topics in Earth Science</td>
<td>Topics in Earth Science is a non-majors introductory course that 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, global warming, extinction, pollution, and impact by humans. Prerequisite: None.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--Transfers to both UC/CSU</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>--CSU Area(s): B1</td>
<td></td>
</tr>
</tbody>
</table>

### Economics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 201</td>
<td>3</td>
<td>Principles of Macroeconomics</td>
<td>This course covers the basic theories, concepts, terminology, 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-096 (with a grade of C or better).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--Transfers to both UC/CSU</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>--CSU Area(s): D2</td>
<td></td>
</tr>
</tbody>
</table>

### Clinical Experience III (formerly Clinical Experience IV)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMS 134</td>
<td>2</td>
<td>Ultrasound Seminar</td>
<td>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).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--Transfers to both UC/CSU</td>
<td></td>
</tr>
</tbody>
</table>

### DMS 135

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMS 136</td>
<td>10</td>
<td>Clinical Experience III</td>
<td>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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: DMS-125 (with a grade of C or better).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--Transfers to both UC/CSU</td>
<td></td>
</tr>
</tbody>
</table>

### DMS 140

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMS 140</td>
<td>2</td>
<td>Introduction to Vascular Imaging</td>
<td>This course is to provide the DMS student with an introduction to scanning and evaluating 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 stenotic vessel. The student will learn to correlate related diagnostic imaging procedures (angiogram, MRA and CT) with the sonographic appearances. Prerequisite: DMS-100 and DMS-120 (with a grade of C or better).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--Transfers to both UC/CSU</td>
<td></td>
</tr>
</tbody>
</table>

### DMS 299

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMS 299</td>
<td>1-3</td>
<td>Special Projects: Diagnostic Medical Sonography</td>
<td>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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Diagnostic Medical Sonography classes; a contract must be completed with the instructor prior to enrollment.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--Transfers to both UC/CSU</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>--CSU Area(s): D2</td>
<td></td>
</tr>
</tbody>
</table>
Course Descriptions

ECON 202  3 units
Principles of Microeconomics  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-096 (with a grade of C or better).
--AA/AS General Education: AA/AS B2
--Transfers to both UC/CSU
--IGETC Area(s):  4B
--CSU Area(a):  D2

ECON 202H  3 units
Honors Principles of Microeconomics  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 in the Honors Enrichment Program and MATH-096 (with a grade of C or better).
--AA/AS General Education: AA/AS B2
--Transfers to both UC/CSU
--IGETC Area(s):  4B
--CSU Area(a):  D2

ECON 203  3 units
Introduction to Environmental Economics  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; urban and corporate environmentalism; economics of environmental regulation and of non-renewable resources and sustainability. Other topics covered include environmental problems and policies on wealth distribution, economic growth and international environmental issues. Prerequisite: None. Recommended Preparation: ECON-202.
--AA/AS General Education: AA/AS B2
--Transfers to both UC/CSU

ECON 299  1-3 units
Special Projects: Economics  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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Economics classes; a contract must be completed with the instructor prior to enrollment.
--Transfers to CSU only

Engineering: Technology

ENGR 106  3 units
M.S.S.C. High-Performance Manufacturing  LEC 48-54
This course is designed to prepare the student for a nationally recognized certification test program by the Manufacturing Skills Standards Council (MSSC). This course includes assessments in four modules: Manufacturing Processes, Production, Quality Assurance, Maintenance Awareness and Safety. Prerequisite: None.
--Transfers to CSU only

ENGR 107  3 units
Total Quality Management  LEC 48-54
This course is designed to give the student an understanding of the total quality approach to quality management. The total quality philosophy is an approach to doing business that incorporates continuous improvement techniques and employee training to increase overall performance and competitiveness. Prerequisite: None. Recommended Preparation: ENGL-092 or ENGL-098.
--Transfers to CSU only

ENGR 108  3 units
Organizational Behavior  LEC 48-54
This course is designed to give students an understanding of and methods to react to various behaviors encountered in the workplace. The study of organizational behavior provides insights into people at work in all kinds of situations and organizations. By providing an understanding of how organizations operate, the student can become a more efficient and productive team member. *Cross-listed as MGT-108. Prerequisite: None.
--Transfers to CSU only

ENGR 109  3 units
Manufacturing Inspection Techniques and Applications  LEC 48-54
This course is designed to give the student an understanding of the basic skills that contribute to the quality of manufactured products and focuses on the tools and techniques used by industry for inspection and measurement of products. It covers various quality assurance, quality control and inspection topics used in industry at the technician level. Prerequisite: None.
--Transfers to CSU only

ENGR 114  3 units
Machine Tool Technology  LEC 32-36/LAB 48-54
This course gives students an understanding of the fundamentals and uses of machine tool technology in the manufacturing and environmental industries. Lecture/theory instruction will be followed by demonstrations and hands-on use of many of the machine tools currently used in industry. Prerequisite: None.
--Transfers to CSU only

ENGR 116  3 units
Energy Efficiency and Construction Methods  LEC 48-54
This course provides an overview of the green construction movement and the basic factors involved with designing a new ecological home. Topics include green construction methods and sustainable systems. Prerequisite: None.
--Transfers to CSU only

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 117</td>
<td>3</td>
<td><strong>Solar Photovoltaic Installation</strong>&lt;br&gt;LEC 48-54&lt;br&gt;This course provides students with a comprehensive guide to the design, installation and evaluation of residential and commercial solar photovoltaic systems. The course will cover the principles of photovoltaics and how to effectively incorporate PV systems into a stand-alone or interconnected electrical system. Prerequisite: SEMA-100 or ENGR-114 (with a grade of C or better).&lt;br&gt;--Transfers to CSU only</td>
</tr>
<tr>
<td>ENGR 118</td>
<td>3</td>
<td><strong>Solar Thermal Installation</strong>&lt;br&gt;LEC 48-54&lt;br&gt;This course provides students with a comprehensive guide to the design, installation and evaluation of residential and commercial solar thermal systems. The course will cover the principles of solar thermal technology and how to effectively incorporate solar thermal systems into residential and commercial applications. Prerequisite: SEMA-100 or ENGR-114 (with a grade of C or better).&lt;br&gt;--Transfers to CSU only</td>
</tr>
<tr>
<td>ENGR 119</td>
<td>3</td>
<td><strong>Small Wind Energy Installation</strong>&lt;br&gt;LEC 48-54&lt;br&gt;This course provides students with a comprehensive guide to the design, installation and evaluation of residential small wind energy systems. The course will cover the principles of wind energy technology and how to effectively incorporate small wind energy systems into residential applications. Prerequisite: SEMA-100 or ENGR-114 (with a grade of C or better).&lt;br&gt;--Transfers to CSU only</td>
</tr>
<tr>
<td>ENGR 149</td>
<td>1-4</td>
<td><strong>Occupational Internship:</strong>&lt;br&gt;Paid 75-300/Unpaid 60-240&lt;br&gt;Engineering&lt;br&gt;The purpose of this course is to enable eligible students to include supervised on-the-job training as an integral part of the total college educational program. This is accomplished through a planned program of learning experiences which combine academic and vocational learning at school with new learning experiences on the job in an occupational setting. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: 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 Occupational Internship Student Handbook for specific information.&lt;br&gt;--Transfers to CSU only</td>
</tr>
<tr>
<td>ENGR 154</td>
<td>3</td>
<td><strong>Computer Aided Drafting I</strong>&lt;br&gt;LEC 32-36/LAB 48-54&lt;br&gt;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. Prerequisite: None. Recommended Preparation: ENGL-92 or ENGL-098 and computer experience or the completion of a computer literacy class.&lt;br&gt;--Transfers to both UC/CSU</td>
</tr>
<tr>
<td>ENGR 155</td>
<td>3</td>
<td><strong>Computer Aided Drafting II</strong>&lt;br&gt;LEC 32-36/LAB 48-54&lt;br&gt;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).&lt;br&gt;--Transfers to both UC/CSU</td>
</tr>
<tr>
<td>ENGR 156</td>
<td>3</td>
<td><strong>Solidworks I</strong>&lt;br&gt;LEC 32-36/LAB 48-54&lt;br&gt;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. Prerequisite: None.&lt;br&gt;--Transfers to CSU only</td>
</tr>
<tr>
<td>ENGR 157</td>
<td>3</td>
<td><strong>Microstation I</strong>&lt;br&gt;LEC 32-36/LAB 48-54&lt;br&gt;This course is designed to introduce students to MicroStation CAD software and provides students with the necessary skills that are essential with the program. Students learn concepts of engineering drawing and drafting plans through digital manipulation of design elements. Students will be able to create 2 dimensional drawing including; structure and setting levels, manipulate elements such as copy parallel and set fence modes modify and lock fence. Prerequisite: None. Recommended Preparation: Computer experience or the completion of a computer literacy class.&lt;br&gt;--Transfers to CSU only</td>
</tr>
<tr>
<td>ENGR 158</td>
<td>4</td>
<td><strong>Plane Surveying I</strong>&lt;br&gt;LEC 48-54/LAB 48-54&lt;br&gt;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. Prerequisite: MATH-051 (with a grade of C or better) or appropriate assessment score.&lt;br&gt;--Transfers to CSU only</td>
</tr>
<tr>
<td>ENGR 159</td>
<td>4</td>
<td><strong>Plane Surveying II</strong>&lt;br&gt;LEC 48-54/LAB 48-54&lt;br&gt;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. Prerequisite: ENGR-164 (with a grade of C or better).&lt;br&gt;--Transfers to CSU only</td>
</tr>
</tbody>
</table>

*Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.*
Course Descriptions

**ENGR 166**
**Legal Aspects of Surveying**
LEc 48-54
This course is designed for surveyors, engineers, realtors, and any person who deals with property descriptions. It includes a study of the legal aspects of public land surveys, municipal property surveys, and laws applicable to surveyors. Topics include history of land survey system, establishment of township subdivisions, reestablishing private subdivisions, and reading, interpreting, and writing land descriptions. Prerequisite: None. Recommended Preparation: ENGL-092 or ENGL-098.
--Exchanges to CSU only

**ENGR 167**
**Global Positioning Systems**
LEc 48-54/LAB 48-54
This course provides students with a fundamental knowledge of using 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. Prerequisite: None.
--Exchanges to CSU only

**ENGR 180**
**Introduction to Engineering**
LEc 48-54
An introduction to the career opportunities and skills needed to become an engineer. Various forms of engineering communication including laboratory report writing, graphical presentations, and problem solving format are presented. The scientific method of investigation is covered. This course is recommended for all students considering career possibilities in engineering. Prerequisite: None.
--Exchanges to CSU only

**ENGR 181**
**Statics**
LEc 48-54
This course lays the foundation of Newtonian mechanics, serves as the building blocks 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).
--Exchanges to both UC/CSU

**ENGR 182**
**Strength and Materials**
LEc 48-54/LAB 48-54
Plane stress-strain, axial, torsional, bending and shear stresses are studied, including combined loads, Mohr's Circle, principal stresses and strains, and pressure vessels. Generalized Hooke's Law, material properties, allowable stress, factor of safety, statically indeterminate members, shear and moment diagrams; moment-area, slope by double integration, singularity functions, superposition, and Castigliano methods are also studied. Topics include thermal expansion, indeterminate forms and column buckling. Prerequisite: ENGR-181 (with a grade of C or better).
--Exchanges to both UC/CSU

**ENGR 298A-G, I-V**
**Special Topics in Engineering/Surveying**
0.50-4 units
Engineering special topics enhance the core curriculum and provide students with an opportunity to develop specialized skills. Whenever the demand for a special topic is adequate, a request for new course section (with a designation A through V) may be added to the upcoming schedule. Topics and credit will vary. One topic per course may be taken for credit. Prerequisite: None.
Course Topics:
A. Introduction to Engineering/Surveying
B. Microstation
C. Solidworks
D. Terramoid
E. Auto-CAD Engineering/Surveying Mapping
F. Least Squares Adjustment
G. 3-D Processing
I. Land Surveyor Test Workshop
J. Engineer In Training (EIT) Workshop
K. Civil Engineer Test Workshop
L. Handheld Calculator/Data Collector
M. Public Land Survey System
N. Survey Research
O. Engineering/Surveying Hardware
P. Preparing Legal Descriptions
Q. Global Positioning System
R. Construction Surveying
S. Surveying for GIS purposes
T. Surveying for Photogrammetric Mapping purposes
U. Handdrafting
V. Land Surveying in Training (LSIT) Workshop
--Exchanges to both UC/CSU

**ENGR 299**
**Special Projects: Engineering**
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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Engineering and Related Technologies classes; a contract must be completed with the instructor prior to enrollment.
--Exchanges to CSU only

**English**

**ENGL 041**
**Basic Grammar and Usage Practicum**
LAB 48-54
This course explores and reinforces the grammar usage skills taught in ENGL-061, Basic Grammar and Usage. This course is designed for students who are concurrently enrolled in ENGL-061. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Offered as pass/no pass only. Prerequisite: None. Corequisite: ENGL-061.
--Not transferable

**ENGL 042**
**Basic Writing Skills Practicum**
LAB 48-54
This course explores and reinforces the writing skills taught in ENGL-062, Basic Writing Skills. This course is designed for students who are concurrently enrolled in ENGL-062. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Offered as pass/no pass only. Prerequisite: None. Corequisite: ENGL-062.
--Not transferable
ENGL 061 4 units
Basic Grammar and Usage
LEC 64-72
This course in the context of reading and writing develops grammar usage skills needed for English 062, 092, 098, and 101. The course begins with the structure of a sentence including parts of speech, punctuation, and mechanics, and ends with the structure of an expository paragraph. Offered as pass/no pass only. Prerequisite: None. --Not transferable

ENGL 062 4 units
Basic Writing Skills
LEC 64-72
This course improves the writing skills needed for English 092, 098 and 101. English 062 emphasizes the writing process, accurate expressive writing developed through self-editing and revision. The course focuses on paragraph writing leading to the development of a multiple-paragraph essay. A student must earn at least 75% of the course points to pass the course. Prerequisite: ENGL-061 or appropriate assessment score. --Not transferable

ENGL 065 3 units
Phonics and Spelling Review
LEC 48-54
This course is designed for students who want to develop or improve their decoding and spelling skills. Through the study of phonics, spelling rules, and structural analysis, students will learn patterns that allow them to become more competent and more confident readers and spellers. Offered as pass/no pass only. Prerequisite: None. --Not transferable

ENGL 092 5 units
Accelerated English Fundamentals and Skills
LEC 80-90
This course provides an accelerated route to English 101 for the highly motivated student. This course will focus on critical reading, the multi-paragraph essay, and an introduction to academic research fundamentals. Grammar and paragraphing will be reviewed as needed. Prerequisite: ENGL-061 or ENGL-062 or appropriate assessment score. --Not transferable

ENGL 095 3 units
Business English
LEC 48-54
A study of the principles of editing written communication applicable to business. The course emphasis is on fundamentals of grammar, number usage, punctuation, spelling, and modern business vocabulary. The course provides a thorough treatment of current English usage needed in the business office environment. The basic principles of business writing are introduced. *Cross-listed as OTEC-095. Prerequisite: None. --Not transferable

ENGL 098 4 units
English Fundamentals
LEC 64-72
This course provides practice in English composition with emphasis on the multi-paragraph essay and a review of mechanics and paragraphing. The course also introduces students to finding library resources and integrating them into a paper. Successful completion will prepare students for English 101. Prerequisite: ENGL-062 or appropriate assessment score. --Not transferable

ENGL 101 4 units
Freshman Composition
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 a research paper. This course satisfies graduation and transfer requirements. Prerequisite: ENGL-092, ENGL-098 or ESL-98W (with a grade of C or better) or appropriate assessment test score. --AA/AS General Education: AA/AS D2
--Transfers to both UC/CSU
--IGETC Area(s): 1A
--CSU Area(s): A2

ENGL 101H 4 units
Honors Freshman Composition
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 a research paper. This course satisfies graduation and transfer requirements. Prerequisite: Acceptance in the Honors Enrichment Program and ENGL-092, ENGL-098 or ESL-98W (with a grade of C or better) or appropriate assessment test score. --AA/AS General Education: AA/AS D1
--Transfers to both UC/CSU
--IGETC Area(s): 1A
--CSU Area(s): A2

ENGL 103 4 units
Critical Thinking and Writing
LEC 64-72
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).
--AA/AS General Education: AA/AS D2
--Transfers to both UC/CSU
--IGETC Area(s): 1B
--CSU Area(s): A3

ENGL 103H 4 units
Honors Critical Thinking and Writing
LEC 64-72
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 in the Honors Enrichment Program; ENGL-101 (with a grade of C or better).
--AA/AS General Education: AA/AS D2
--Transfers to both UC/CSU
--IGETC Area(s): 1B
--CSU Area(s): A3
Course Descriptions

ENGL 104 3 units

Business Communications  LEC 48-54
This course is a study of the principles, strategies, and techniques of written and oral business communication. The emphasis is placed on analyzing problems and implementing solutions involving appropriate methods of business communication, i.e. letters, memos, proposals, reports, and resumes. The course also includes a study of oral communication techniques for meetings, conferences, business presentations, and interviews. *Cross-listed as BADM-104. Prerequisite: None. Recommended Preparation: ENGL-098, OTEC-144 or typing speed of 25 wpm, and OTEC/ENGL-095. --Transfers to UC/CSU only

ENGL 104H 3 units

Honors Business Communications  LEC 48-54
A study of the principles, strategies and techniques of written and oral business communication. Emphasis is on analyzing problems and implementing solutions involving appropriate methods of business communication, i.e. letters, memos, proposals, reports and resumes. Includes oral communication techniques for meetings, conferences and interviews and provides a review of grammar, spelling and mechanics. *Cross-listed as BADM-104H. Prerequisite: Acceptance in the Honors Enrichment Program. Recommended Preparation: ENGL-098, OTEC-144 or typing speed of 25 wpm, and OTEC/ENGL-095. --Transfers to UC/CSU only

ENGL 106 3 units

Introduction to Literature  LEC 48-54
Introduction to Literature is a multi-genre, multi-period course which 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. This course is intended for students majoring in liberal studies or other humanities programs as well as those interested in a general introduction to fiction, poetry, and drama. Prerequisite: ENGL-101 (with a grade of C or better).

ENGL 106H 3 units

Honors Introduction to Literature  LEC 48-54
Introduction to Literature is a multi-genre, multi-period course which 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. This course is intended for students majoring in liberal studies or other humanities programs as well as those interested in a general introduction to fiction, poetry, and drama. Prerequisite: ENGL-101 (with a grade of C or better).

ENGL 130 3 units

Introduction to Creative Writing  LEC 48-54
English 130 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).

ENGL 130H 3 units

Honors Introduction to Creative Writing  LEC 48-54
English 130H 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. Prerequisites: Acceptance into the Honors Enrichment Program and ENGL-101 (with a grade of C or better).

ENGL 131 3 units

Children's Literature  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. Prerequisite: ENGL-098 (with a grade of C or better). Recommended Preparation: ENGL-101.

ENGL 131H 3 units

Honors Children's Literature  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. Prerequisite: Acceptance in the Honors Enrichment Program and ENGL-098 (with a grade of C or better). Recommended Preparation: ENGL-101.

ENGL 132 3 units

Adolescent Literature  LEC 48-54
This course is a survey of classic and contemporary works of literature written for and about adolescents and pre-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. Prerequisite: ENGL-101 (with a grade of C or better).

ENGL 132H 3 units

Honors Adolescent Literature  LEC 48-54
This course is a survey of classic and contemporary works of literature written for and about adolescents and pre-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. Prerequisite: ENGL-101 (with a grade of C or better).

Mt. San Jacinto College 2013-2014 Catalog

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
### Course Descriptions

**ENGL 145**  
**3 units**  
**Introduction to Language and Linguistics**  
**LEC 48-54**  
(formerly ENGL-245)  
Introduction to the study of language to include semantics, sociolinguistics, psycholinguistics, phonology, morphology, and pragmatics. Students learn how language influences their thinking and affects their lives. *Cross-listed as ANTH-145. Prerequisite: None. Recommended Preparation: ENGL-101.*  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

**ENGL 145H**  
**3 units**  
**Honors Introduction to Language and Linguistics**  
**(formerly ENGL-245H)**  
Honors Introduction to the study of language to include semantics, sociolinguistics, psycholinguistics, phonology, morphology, and pragmatics. Students learn how language influences their thinking and affects their lives. *Cross-listed as ANTH-145H. Prerequisite: None. Recommended Preparation: ENGL-101.*  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

**ENGL 160**  
**3 units**  
**Dramatic Writing for Stage and Screen**  
**LEC 48-54**  
Beginning playwrights and screenwriters explore the fundamentals of creating scripts for stage and screen. The course will focus on elements of form, style, structure, and character development in published/produced dramatic literature. The students will generate scripts that require the synthesis and application of various approaches to writing. *Cross-listed as THA-160. Prerequisite: ENGL-101 (with a grade of C or better).*  
--AA/AS General Education: AA/AS C  
--Transfers to CSU only

**ENGL 200**  
**3 units**  
**Survey of Drama**  
**LEC 48-54**  
This course studies a variety of dramatic literature spanning Greek drama to contemporary plays; issues of genre, staging, and technique are discussed in connection with a representative sample of plays from across several literary cultures and historical periods. *Cross-listed as THA-150. Prerequisite: None. Recommended Preparation: ENGL-101.*  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

**ENGL 203**  
**3 units**  
**Survey of Shakespeare**  
**LEC 48-54**  
This course is a study of selected Shakespearean comedies, tragedies, and histories and the playwright's sonnets through close textual analysis. The plays and sonnets are studied within the social, historical, and literary context of the culture in which they were written. Prerequisite: ENGL-101 (with a grade of C or better).  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

**ENGL 203H**  
**3 units**  
**Honors Survey of Shakespeare**  
**LEC 48-54**  
This course is a study of selected Shakespearean comedies, tragedies, and histories and the playwright’s sonnets through close textual analysis. The plays and sonnets are studied within the social, historical, and literary context of the culture in which they were written. Prerequisite: ENGL-101 (with a grade of C or better) and acceptance in the Honors Enrichment Program.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

**ENGL 205**  
**3 units**  
**World Folklore**  
**LEC 48-54**  
This course introduces the student to the study of folklore from diverse cultures throughout the world. Prerequisite: ENGL-101 (with a grade of C or better).  
--AA/AS General Education: AA/AS C or AA/AS F  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

**ENGL 205H**  
**3 units**  
**Honors World Folklore**  
**LEC 48-54**  
This course introduces the student to the study of folklore from diverse cultures throughout the world. Prerequisite: Acceptance in the Honors Enrichment Program and ENGL-101 (with a grade of C or better).  
--AA/AS General Education: AA/AS C or AA/AS F  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

**ENGL 207**  
**3 units**  
**American Literature: Pre-Colonial to 1865**  
**LEC 48-54**  
This course chronologically surveys American writing from the pre-colonial period to the Civil War and examines the work of both major and minor writers. Writers are examined in an historical context and considered in light of the ethnic, literary, geographical, religious, ideological, and political environments within which they wrote. Prerequisite: ENGL-101 (with a grade of C or better).  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

---

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Course Descriptions

ENGL 207H
Honors American Literature: Pre-Colonial to 1865 3 units
LEC 48-54
This course chronologically surveys American writing from the pre-colonial period to the Civil War and examines the work of both major and minor writers. Writers are examined in an historical context and considered in light of the ethnic, literary, geographical, religious, ideological, and political environments within which they wrote. Prerequisite: Acceptance in the Honors Enrichment Program and ENGL-101 (with a grade of C or better).
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B
--CSU Area(s): C2

ENGL 208
American Literature: 1865 to Present 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 both major and minor writers. Writers are examined in an historical context and considered in light of the ethnic, literary, geographical, religious, ideological, and political environments within which they wrote. Prerequisite: ENGL-101 (with a grade of C or better).
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B
--CSU Area(s): C2

ENGL 208H
Honors American Literature 1865 to Present 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 both major and minor writers. Writers are examined in an historical context and considered in light of the ethnic, literary, geographical, religious, ideological, and political environments within which they wrote. Prerequisite: Acceptance in the Honors Enrichment Program and ENGL-101 (with a grade of C or better).
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B
--CSU Area(s): C2

ENGL 210
Analysis of Poetry 3 units
LEC 48-54
This course examines lyric poetry and seeks to develop students’ skill and pleasure in reading poetry through discussing poems written in English at various times and in various periods. The course looks at contemporary as well as traditional techniques and forms, paying attention to kinds of meaning and to poetic meter and versification as well as to notions of the poem. Prerequisite: ENGL-101 (with a grade of C or better).
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B
--CSU Area(s): C2

ENGL 220
Analysis of Fiction 3 units
LEC 48-54
This course examines a variety of genres, periods, and authors of fiction from diverse cultural sources and perspectives. Students will explore the elements that make up fiction as well as approaches for analyzing literature so that they can enhance their enjoyment of fiction and become better critical readers of short stories and novels through interpretation, discussion, and writing. Prerequisite: ENGL-101 (with a grade of C or better).
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B
--CSU Area(s): C2

ENGL 220H
Honors Analysis of Fiction 3 units
LEC 48-54
This course examines a variety of genres, periods, and authors of fiction from diverse cultural sources and perspectives. Students will explore the elements that make up fiction as well as approaches for analyzing literature so that they can enhance their enjoyment of fiction and become better critical readers of short stories and novels through interpretation, discussion, and writing. Prerequisite: Acceptance in the Honors Enrichment Program and ENGL-101 (with a grade of C or better).
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B
--CSU Area(s): C2

ENGL 222
Film and Literature 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 our discussions about the translation of literature into film. Prerequisite: ENGL-101 (with a grade of C or better).
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B
--CSU Area(s): C2

ENGL 225
Honors Film and Literature 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 our discussions about the translation of literature into film. Prerequisite: Acceptance in the Honors Enrichment Program and ENGL-101 (with a grade of C or better).
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B
--CSU Area(s): C2

ENGL 230
English Literature: Anglo-Saxon to 1775 3 units
LEC 48-54
This course chronologically surveys English writing from the Anglo-Saxon period to 1775 and examines the work of both major and minor writers including such writers as the anonymous author of Beowulf, Chaucer, Malory, the anonymous author of Everyman, More, Sidney, Spenser, Marlowe, Shakespeare, Donne, Jonson, Bacon, Herrick, Herbert, Marvell, Milton, Dryden, Swift, Pope, Johnson, Boswell and Gray. Prerequisite: ENGL-101 (with a grade of C or better).
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B
--CSU Area(s): C2
Course Descriptions

---

ENGL 230H  3 units  
Honors English Literature: Anglo-Saxon To 1775  LEC 48-54  
This course chronologically surveys English writing from the Anglo-Saxon period to 1775 and examines the work of both major and minor writers, including such works as the anonymous author of Beowulf, Chaucer, Malory, the anonymous author of Everyman, More, Sidney, Spenser, Marlowe, Shakespeare, Donne, Jonson, Bacon, Herrick, Herbert, Marvell, Milton, Dryden, Swift, Pope, Johnson, Boswell, and Gray. Prerequisite: Acceptance in the Honors Enrichment Program and ENGL-101 (with a grade of C or better).  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

ENGL 231  3 units  
English Literature: 1775 to Present  LEC 48-54  
(formerly English Literature: 1775-1950)  
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. Prerequisite: ENGL-101 (with a grade of C or better).  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

ENGL 231H  3 units  
Honors English Literature: 1775 to Present  LEC 48-54  
(formerly Honors English Literature: 1775 to Present)  
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. Prerequisite: Acceptance in the Honors Enrichment Program and ENGL-101 (with a grade of C or better).  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

ENGL 235  3 units  
Creative Writing: Fiction  LEC 48-54  
English 235 encourages individual exploration into creative writing, specifically fiction. The course includes writing in journals, composing creative works, reading works of literature, and actively participating in peer workshops. Prerequisite: ENGL-101 and ENGL-130 (with a grade of C or better).  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU

ENGL 240  3 units  
American Indian Literature  LEC 48-5  
(formerly Native American Literature)  
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. Prerequisite: ENGL-101 (with a grade of C or better).  
--AA/AS General Education: AA/AS C or AA/AS F  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

ENGL 240H  3 units  
Honors American Indian Literature  LEC 48-54  
(formerly Honors Native American Literature)  
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. Prerequisite: Acceptance in the Honors Enrichment Program and ENGL-101 (with a grade of C or better).  
--AA/AS General Education: AA/AS C or AA/AS F  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

ENGL 250  3 units  
Women and Literature  LEC 48-54  
This course examines and explores literary traditions by and about women of various nationalities, ethnicities, and historical periods. The course may include fiction, poetry, drama, film, and non-fiction prose, including autobiography, written by and about women. Prerequisite: ENGL-101 (with a grade of C or better).  
--AA/AS General Education: AA/AS C or AA/AS F  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

ENGL 250H  3 units  
Honors Women and Literature  LEC 48-54  
This course examines and explores literary traditions by and about women of various nationalities, ethnicities, and historical periods. The course may include fiction, poetry, drama, film, and non-fiction prose, including autobiography, written by and about women. Prerequisite: Acceptance in the Honors Enrichment Program and ENGL-101 (with a grade of C or better).  
--AA/AS General Education: AA/AS C or AA/AS F  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

ENGL 260  3 units  
Introduction to African American Literature  LEC 48-54  
(formerly African-American Literature)  
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 the oral tradition, the search for identity, freedom and literacy, and the complexities of language from both an historical and a literary perspective. The course may include a variety of genres: fiction, poetry, drama, film, and non-fiction prose, etc. Prerequisite: ENGL-101 (with a grade of C or better).  
--AA/AS General Education: AA/AS C or AA/AS F  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

---

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
## Course Descriptions

### ENGL 260H

**Honors Introduction to African American Literature**  
(formerly Honors Introduction to African-American Literature)

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 the oral tradition, the search for identity, freedom and literacy, and the complexities of language from both an historical and a literary perspective. The course may include a variety of genres: fiction, poetry, drama, film, and non-fiction prose, etc. Prerequisite: Acceptance in the Honors Enrichment Program and ENGL-101 (with a grade of C or better).

- AA/AS General Education: AA/AS C or AA/AS F
- Transfers to both UC/CSU
- IGETC Area(s): 3B
- CSU Area(s): C2

### ENGL 280

**Multiethnic Literature**  
(formerly Multi-Ethnic Literature)

This course surveys, interprets, and compares the variety of texts written by Asian Americans, African Americans, American Indians and Chicana/o authors, exploring the experiences of ethnic Americans. Discussions, lectures, and presentations will focus on the cultural and historical aspects of the various cultures as well as the way the cultures themselves differ. Prerequisite: ENGL-101 (with a grade of C or better).

- AA/AS General Education: AA/AS C or AA/AS F
- Transfers to both UC/CSU
- IGETC Area(s): 3B
- CSU Area(s): C2

### ENGL 280H

**Honors Multiethnic Literature**  
(formerly Honors Multi-Ethnic Literature)

This course surveys, interprets, and compares the variety of texts written by Asian Americans, African Americans, American Indians and Chicana/o authors, exploring the experiences of ethnic Americans. Discussions, lectures, and presentations will focus on the cultural and historical aspects of the various cultures as well as the way the cultures themselves differ. Prerequisite: Acceptance in the Honors Enrichment Program and ENGL-101 (with a grade of C or better).

- AA/AS General Education: AA/AS C or AA/AS F
- Transfers to both UC/CSU
- IGETC Area(s): 3B
- CSU Area(s): C2

### ENGL 285

**World Literature: Antiquity to 1650**  
LEC 48-54

This course surveys, interprets, and compares the variety of texts written by global authors, exploring the experiences of a variety of world cultures across the ages as represented in literature. Presentations will focus on the cultural and historical aspects of the various cultures as well as the way the cultures themselves differ. Prerequisite: Acceptance in the Honors Enrichment Program and ENGL-101 (with a grade of C or better).

- AA/AS General Education: AA/AS C or AA/AS F
- Transfers to both UC/CSU
- IGETC Area(s): 3B
- CSU Area(s): C2

### ENGL 285H

**Honors World Literature: Antiquity to 1650**  
LEC 48-54

This course surveys, interprets, and compares the variety of texts written by global authors, exploring the experiences of a variety of world cultures across the ages as represented in literature. Presentations will focus on the cultural and historical aspects of the various cultures as well as the way the cultures themselves differ. Prerequisite: Acceptance in the Honors Enrichment Program and ENGL-101 (with a grade of C or better).

- AA/AS General Education: AA/AS C or AA/AS F
- Transfers to both UC/CSU
- IGETC Area(s): 3B
- CSU Area(s): C2

### ENGL 286

**World Literature: 1650 to Present**  
LEC 48-54

This course surveys, interprets, and compares the variety of texts written by global authors, exploring the experiences of a variety of world cultures across the ages as represented in literature. Presentations will focus on the cultural and historical aspects of the various cultures as well as the way the cultures themselves differ. Prerequisite: ENGL-101 (with a grade of C or better).

- AA/AS General Education: AA/AS C or AA/AS F
- Transfers to both UC/CSU
- IGETC Area(s): 3B
- CSU Area(s): C2

### ENGL 286H

**Honors World Literature: 1650 to Present**  
LEC 48-54

This course surveys, interprets, and compares the variety of texts written by global authors, exploring the experiences of a variety of world cultures across the ages as represented in literature. Presentations will focus on the cultural and historical aspects of the various cultures as well as the way the cultures themselves differ. Prerequisite: Acceptance in the Honors Enrichment Program and ENGL-101 (with a grade of C or better).

- AA/AS General Education: AA/AS C or AA/AS F
- Transfers to both UC/CSU
- IGETC Area(s): 3B
- CSU Area(s): C2

### ENGL 299

**Special Projects: English**  
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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous English classes; a contract must be completed with the instructor prior to enrollment.

- Transfers to CSU only

### ESL 050

**English As a Second Language - Level 1**  
(formerly ESL-050A-ESL 1: Sentence Structure)  
LEC 64-72

English As a Second Language (formerly ESL 050A) offers credit for students who are preparing for college-level coursework. Offered as pass/no pass only. Prerequisite: Appropriate placement based on the CELSA placement instrument.

- Not transferable

---

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
**ESL 051** 4 units
**English As a Second Language - Level 2**  LEC 64-72
*(formerly ESL-051A-ESL 2: Paragraph Structure)*

ESL-051 is a continuation of ESL-050. This course provides instruction and practice in high beginning/low intermediate credit English sentence structure, reading, writing, speaking, listening, pronunciation, vocabulary, study skills, and critical thinking skills for students who wish to prepare for college-level work. Students should have passed ESL-050 or have an equivalent skill level to be successful in ESL-051. Offered as pass/no pass only. Prerequisite: ESL-050 or the appropriate placement score.

--Not transferable

**ESL 055** 2 units
**English Pronunciation**  LEC 32-36

English Pronunciation allows students for whom English is not their native language to practice and develop their overall English speaking proficiency and focus on specific areas of pronunciation difficulty. Regular attendance, language contact assignments, discussions, and student presentations are required to receive class credit. Offered as pass/no pass only. *Cross-listed as COMM-055. Prerequisite: ESL students test for credit-level English through the CELSA placement test 9 or other approved ESL placement instrument or has appropriate English skill level of participation in college courses. Students test for ESL-050 or above.

--Not transferable

**ESL 056** 3 units
**English Conversation and Culture**  LEC 48-54
*(formerly ENGL-056 - English As a Second Language Listening and Conversation)*

This course is an English conversation class that develops listening and speaking skills in the context of acquiring academic content. Students acquire academic skills while learning about American culture and communication. Classes consist of listening exercises, pair/small group discussion and student presentations. A basic knowledge of English is required. Offered as pass/no pass only. *Cross-listed as COMM-056. Prerequisite: Appropriate placement on the CELSA placement instrument or other approved ESL placement instrument or ESL-050 or higher.

--Not transferable

**ESL 062W** 4 units
**Basic Writing Skills**  LEC 64-72

This course prepares ESL students for ESL 98W and focuses on important aspects of American English writing style and common non-native grammar mistakes. This course emphasizes the acquisition of skills in grammar, punctuation, expressive writing, and revision as students develop from paragraph writing to multiple-paragraph essays. Prerequisite: ESL-051 or the appropriate assessment score.

--Not transferable

**ESL 063R** 4 units
**ESL Reading and Vocabulary Level 1**  LEC 64-72

This course advances students' general reading abilities, vocabulary, critical thinking skills, and use of reading strategies. While some class material may involve academic reading, the focus is on developing overall strategies and skills to improve reading comprehension, accuracy, and application of material. Prerequisite: Placement into ESL-050.

--Not transferable

**ESL 064R** 4 units
**ESL Academic Reading and Vocabulary Level 2**  LEC 64-72

This course advances students' skills in the areas of vocabulary usage, comprehension, critical thinking, and cultural inferences to prepare for college level classes. This course also improves students' reading strategies that can be applied to various reading tasks, emphasizes reading as a problem-solving process, and develops study skills. Prerequisite: ESL-063R (with a grade of C or better) or the appropriate assessment score.

--Not transferable

**ESL 098W** 4 units
**English Writing Fundamentals**  LEC 64-72

This course prepares speakers of other languages for ENGL-101 by providing instructors trained in teaching ESL. The course provides practice in American English composition with an emphasis on the multi-paragraph essay. Grammar, writing mechanics, and paragraphing will also be reviewed with attention given to the unique needs of ESL students. Students will also be introduced to using library resources. Completion of ESL-098W with a grade of C or better meets the prerequisite for ENGL-101. Prerequisite: ESL-062W (with a grade of C or better) or the appropriate assessment test score.

--Not transferable

### Environmental Studies

**ENVS 100** 3 units
**Humans and Scientific Inquiry**  LEC 48-54

This introductory course explores the physical, chemical, biological, anthropological and earth sciences as they relate to human inquiry focusing on 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: None.

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5A
--CSU Area(s): B1, E1

**ENVS 100H** 3 units
**Honors Humans and Scientific Inquiry**  LEC 48-54

This introductory course explores the physical, chemical, biological, anthropological and earth sciences as they relate to human inquiry focusing on 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 in the Honors Enrichment Program.

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5A
--CSU Area(s): B1

**ENVS 101** 3 units
**Environmental Science**  LEC 48-54

An introductory course exploring 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: None.

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5A
--CSU Area(s): B1, E1
Course Descriptions

ENVS 101H  3 units
Honors Environmental Science  LEC 48-54

An introductory course exploring 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 in the Honors Enrichment Program.

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s):  5A, 5C
--CSU Area(s):  B3

ENVS 102  1 unit
Environmental Science Laboratory  LAB 48-54

This introductory 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).

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s):  5A, 5C
--CSU Area(s):  B3

ENVS 102H  1 unit
Honors Environmental Science Laboratory  LAB 48-54

This introductory 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 in the Honors Enrichment Program. Prerequisite/Corequisite: ENVS-101 (with a grade of C or better).

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s):  5A, 5C
--CSU Area(s):  B3

ENVS 110  4 units
Natural Resources  LEC 48-54/LAB 48-54

Introductory course with a lab/field component designed for science majors or non-majors. 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. A week-long field institute with the USDA Forest Service in Idyllwild is a requisite component of this course. Prerequisite: None.

--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU

ENVS 190  4 units
Watershed Resource Management  LEC 48-54/LAB 48-54

Introduction to the foundations of watershed hydrology and management. This course covers the hydrologic cycle, water quality, aquatic ecosystems, social and economic systems, point and nonpoint 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. Prerequisite: None.

--AA/AS General Education: AA/AS A
--Transfers to CSU only

ENVS 299  1-3 units
Special Projects: Environmental Science  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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Environmental Science class; a contract must be completed with the instructor prior to enrollment.

--Transfers to CSU only

Fire Technology

FIRE 101  3 units
Introduction to Fire Technology  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. Prerequisite: None.

--Transfers to CSU only

FIRE 102  3 units
Fundamentals of Fire Prevention  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. Prerequisite: None.

--Transfers to CSU only

FIRE 103  3 units
Fire Hydraulics  LEC 48-54

This course emphasizes the principles of fire pump theory, construction, operations and preventative maintenance. The course analyzes the principles of hydraulics, hydraulic measurement, and engine and hose appliance calculations. Students apply mathematical formulas and examine the physical characteristics of water and water supply system throughout the course. This course helps prepare the student to flow water at proper pressures from a fire pump. Prerequisite: FIRE-101 (with a grade of C or better).

--Transfers to CSU only

FIRE 106  3 units
Fundamentals of Fire Behavior and Combustion  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. Prerequisite: None.

--Transfers to CSU only
### Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Course Title</th>
<th>Prerequisite(s)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIRE 107</td>
<td>3 units</td>
<td>Fundamentals of Wild Land Fire Fighting</td>
<td>FIRE-101 (with a grade of C or better).</td>
<td></td>
</tr>
<tr>
<td>FIRE 108</td>
<td>3 units</td>
<td>Fundamentals of Fire Investigation</td>
<td>FIRE-101 (with a grade of C or better).</td>
<td>--Transfers to CSU only</td>
</tr>
<tr>
<td>FIRE 109</td>
<td>3 units</td>
<td>Fundamentals of Fire Protection and Equipment</td>
<td>FIRE-101 (with a grade of C or better).</td>
<td>--Transfers to CSU only</td>
</tr>
<tr>
<td>FIRE 110</td>
<td>3 units</td>
<td>Building Construction for Fire Protection</td>
<td>FIRE-101 (with a grade of C or better).</td>
<td>--Transfers to CSU only</td>
</tr>
<tr>
<td>FIRE 111</td>
<td>3 units</td>
<td>Hazardous Materials First Responder Operational</td>
<td>FIRE-101 (with a grade of C or better).</td>
<td>--Transfers to CSU only</td>
</tr>
<tr>
<td>FIRE 112</td>
<td>3 units</td>
<td>Principles of Fire and Emergency Services Safety and Survival</td>
<td>FIRE-101 (with a grade of C or better).</td>
<td>--Transfers to CSU only</td>
</tr>
<tr>
<td>FIRE 113</td>
<td>1 unit</td>
<td>Hazardous Materials First Responder Operations</td>
<td>FIRE-101 (with a grade of C or better).</td>
<td>--Not transferable</td>
</tr>
<tr>
<td>FIRE 123</td>
<td>3 units</td>
<td>Fundamentals of Wild Land Fire Fighting</td>
<td>FIRE-101 (with a grade of C or better).</td>
<td>--Transfers to CSU only</td>
</tr>
<tr>
<td>FIRE 124</td>
<td>1 unit</td>
<td>Hazardous Materials First Responder Operations</td>
<td>FIRE-101 (with a grade of C or better).</td>
<td>--Not transferable</td>
</tr>
<tr>
<td>FIRE 125</td>
<td>3 units</td>
<td>Hazardous Materials First Responder Operations</td>
<td>FIRE-101 (with a grade of C or better).</td>
<td>--Not transferable</td>
</tr>
</tbody>
</table>

**Note:** Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.

---

**Geography**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Course Title</th>
<th>Prerequisite(s)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 080</td>
<td>.5 unit</td>
<td>Geographic Information Systems Practicum</td>
<td>CSIS-101 or working knowledge of Microsoft Windows programs.</td>
<td>--Not transferable</td>
</tr>
<tr>
<td>GEOG 081</td>
<td>.5 unit</td>
<td>Spatial Awareness</td>
<td>CSIS-101 or working knowledge of Microsoft Windows programs.</td>
<td>--Not transferable</td>
</tr>
</tbody>
</table>

---

Mt. San Jacinto College 2013-2014 Catalog

*Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.*
## Course Descriptions

### GEOG 101 3 units

**Physical Geography**

**LEC 48-54**

Physical Geography is the study of 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 global warming, introduce students to concerns we have as inhabitants of this planet. A field trip is required. Prerequisite: None.

- **CSU Area(s):** B3
- **IGETC Area(s):** 5C
- **Transfers to both UC/CSU**
- **AA/AS General Education:** AA/AS A
- **Preparation:** GEOG-101 (with a grade of C or better).
- **Course Repeatability:** None.
- **Course Repeatability:** GEOG-101 (with a grade of C or better).

### GEOG 102 3 units

**Cultural Geography**

**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, religions and political organization, are presented. A field trip is required. Prerequisite: None.

- **CSU Area(s):** D5
- **IGETC Area(s):** 4E
- **Transfers to both UC/CSU**
- **AA/AS General Education:** AA/AS B2
- **Preparation:** GEOG-101 (with a grade of C or better).

### GEOG 103 2-4 units

**Field Studies in Geography**

**LEC 48-54**

Field studies in physical, cultural, historic geography and GIS provide an opportunity to apply concepts learned in Geography and GIS courses to the real world. Field studies may be conducted at various locations, including Joshua Tree, Death Valley, Owens Valley, Anza Borrego, California Missions, Channel Islands, Sedona-Grand Canyon and more. Field applications using Global Positioning and GIS enhance student understanding of spatial-temporal processes. Pre-trip homework assignments, an orientation, prep-class and overnight camping are required. Prerequisite: None.

- **CSU Area(s):** B1
- **Preparation:** GEOG-101 (with a grade of C or better).

### GEOG 104 1 unit

**Physical Geography Lab**

**LAB 48-54**

This laboratory course focuses on application of the principles of physical geography and is offered for students who have taken or are currently enrolled in an Introduction to Physical Geography (GEOG-101). 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).

- **CSU Area(s):** B3

### GEOG 105 3 units

**Map Interpretation and Spatial Analysis**

(formerly Introduction to Cartography)

**LEC 32-36/LAB 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. Prerequisite: None. Recommended Preparation: GEOG-081.

- **CSU Area(s):** B3
- **IGETC Area(s):** 5A
- **Transfer to CSU only**

### GEOG 106 3 units

**Climate and Weather**

**LEC 48-54**

Climate and Weather is the study of meteorology and its impact to the physical and human environment. Climate emphasizes global patterns of atmospheric conditions that are regionally predictable. Weather focuses on local patterns of atmospheric conditions. Both climate and weather are integral to regional social, cultural and economic development. Controversial topics, such as global warming, introduce students to potential consequences of a climate and weather system out of balance. A field trip is required. Prerequisite: None.

- **CSU Area(s):** B3
- **IGETC Area(s):** 5A
- **Transfer to CSU only**

### GEOG 107 3 units

**Urban Geography**

**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. Prerequisite: None.

- **CSU Area(s):** D5
- **Transfer to CSU only**
- **Preparation:** GEOG-101 (with a grade of C or better).

### GEOG 108 3 units

**World Regional Geography**

**LEC 48-54**

A global survey of world cultural regions presents students with basic geographic concepts and ideas 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. Prerequisite: None.

- **CSU Area(s):** D5
- **Transfer to CSU only**

---

*Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.*
GEOG 111 3 units
Geography of California LEC 48-54
This course introduces students to California’s regional diversity and the interrelationships between California’s physical and cultural landscapes. Emphasis is placed on geographic factors that will broaden a student’s knowledge of California’s topography, climate, population, natural vegetation, agriculture, industry and historic development. Prerequisite: None.
--AA/AS General Education: AA/AS B2
--Transfers to both UC/CSU
--IGETC Area(s): 4E
--CSU Area(s): D5

GEOG 115 3 units
Introduction to Geographic Information Science LEC 32-54/LAB 48-54
(formerly Introduction to Geographic Information Systems)
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. Prerequisite: GEOG-081.
--Transfers to both UC/CSU

GEOG 120 3 units
Intermediate Geographic Information Science LEC 32-54/LAB 48-54
(formerly Intermediate Geographic Information Systems)
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 three-dimensional terrain analysis are explored. Both qualitative and quantitative techniques for spatial analysis are explored in the context of various scientific methodologies. Prerequisite: GEOG-115 (with a grade of C or better).
--Transfers to CSU only

GEOG 125 3 units
Advanced Geographic Information Science LEC 32-54/LAB 48-54
(formerly Advanced Geographic Information Systems: Applications)
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. Prerequisite: GEOG-120 (with a grade of C or better).
--Transfers to CSU only

GEOG 149 1-4 units
Occupational Internship: Geographic Information Science
The purpose of this course is to enable eligible students to include supervised on-the-job training as an integral part of the total college educational program. This is accomplished through a planned program of learning experiences which combines academic and vocational learning at school with new learning experiences on the job in an occupational setting. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: 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 Occupational Internship Student Handbook for specific information.
--Transfers to CSU only

GEOG 298A-Z 0.50-3 units
Special Topics in Geographic Information Systems: Programming for GIS LEC 0-54/Lab 0-162
GIS special topics enhance the core curriculum and provide students with an opportunity to develop specialized skills. Whenever the demand for a special topic is adequate, a request for a new course section (with a designation A through Z) may be added to the upcoming schedule. Topics and credit will vary. One topic per course may be taken for credit. Prerequisite: None.
Maximum of 3 units per offering
Course Topics:
A. Programming for GIS
B. Business and Marketing
C. Internet Map Services
D. Surveying with GPS
E. Historic Preservation
F. Social Science Applications
G. GIS in Transportation
H. GIS in Utilities
I. GIS and Fire Management
J. GIS and Parcel Management
K. Geodatabase Design
L. Web Page Design
M. Interactive Mapping
N. Virtual Reality and Animated Mapping
O. Security Systems - Local, National and International
P. Computer Aided Drafting
Q. Water Technology
R. Landscape Architect
S. Tracking Analysis
T. Survey Analysis
U. Crime Analysis
V. Emergency Management
W. Municipal Government
X. Map Publication
Y. Environmental Management
Z. Urban Planning and Community Development
--Transfers to CSU only

GEOG 299 1-3 units
Special Projects: Geographic Information Systems 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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Geography classes; a contract must be completed with the instructor prior to enrollment.
--Transfers to CSU only

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Course Descriptions

Geology

GEOL 100 4 units
Physical Geology: Dynamic Planetary Systems of Spaceship Earth
(formerly Physical Geology)

We live on a satellite isolated in space; our interactions with this dynamic, fragile system will determine our ultimate survival. This course offers the student an understanding of planet Earth as an isolated, uniform and evolving spaceship. Topics range from materials in the earth (sparkling 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). Prerequisite: None. Recommended Preparation: College level reading skills.
--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5A, 5C
--CSU Area(s): B1, B3

GEOL 103 3 units
Environmental Geology: Natural Hazards and Disasters (formerly Environmental Geology)

Disasters such as earthquakes, hurricanes, landslides, volcanoes, floods, tsunamis, and the collisions of asteroids and comets with earth are all topics that are explored in Environmental Geology. 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. Prerequisite: None. Recommended Preparation: College-level reading skills.
--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5A
--CSU Area(s): B1

GEOL 105 4 units
Historical Geology: Evolving Earth, Dinosaurs, and Homo Sapiens (formerly Historical Geology)

Examine the dramatic events of Earth's creation and development in the context of Darwinian Theory and geologic time by venturing through the fossil record. 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. Prerequisite: None. Recommended Preparation: College-level reading skills and GEO-101.
--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5A, 5C
--CSU Area(s): B1, B3

GEOL 107 1.5 units
Scenic Adventure Field Trips in Geology (formerly Geologic Field Trips)

Geologic field trip studies will be conducted at various locations throughout the Southwest including Death Valley, the Grand Canyon, and Owens Valley. This course will provide field experiences, giving greater insight into how minerals, rocks and landforms can be used to understand the geologic events that formed them. A three hour prep class meeting and overnight camping will be required. Prerequisite: None.

GEOL 109 3 units
Geology of National Parks

This course will review the minerals, rocks and land forms found in National Parks throughout the United States. Emphasis is on materials (rocks and minerals), processes (weathering, erosion, mountain-building), structure (folds and faults), stratigraphy (geological formations), and current theories regarding the Earth's crust and interior through an examination of National Parks and Monuments. This course is an introductory course intended for both the science and non-science student that will complement Geologic Field Studies (Geology 107). Prerequisite: None.
--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU

GEOL 110 4 units
Oceanography

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. Prerequisite: None.
--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5A, 5C
--CSU Area(s): B1, B3

GEOL 111 3 units
Planetary Astronomy

This course is an introductory course to Planetary Sciences, and is an interdisciplinary scientific exploration of the solar system. Studies 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. Prerequisite: None.
--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5A
--CSU Area(s): B1

GEOL 112 3 units
California Geology

This course is an introduction to California and its geology as revealed in the beautiful mountains, valleys and coastlines of the state. Topics of discussion will include materials (rocks and minerals), processes (weathering, erosion, mountain-building), structure (folds and faults), stratigraphy (geological formations), and current theories regarding the Earth's crust. This course is an introductory course intended for both the science and non-science student that will complement Geologic Field Studies (Geology 107). Prerequisite: None.
--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--IGETC Area(s): 5A
--CSU Area(s): B1

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Mt. San Jacinto College 2013-2014 Catalog

---

**Course Descriptions**

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.

---

**GEOL 299**  
Special Projects: Geology  
**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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Geology classes. Note: A contract must be completed with the instructor prior to enrollment.  
--Transfers to CSU only

**GUID 050**  
Strategies for Life and Learning  
**LEC 32-36**  
This course is designed to empower students with effective strategies for making wise choices in both their personal and academic lives. Students will learn to accept greater responsibility, develop mutually supportive relationships, raise their self-esteem, discover self-motivation, master effective self-management strategies, change self-defeating patterns and limiting beliefs, set goals, strengthen their emotional intelligence, and become lifelong learners. Essential strategies for critical and creative thinking will also be addressed. Prerequisite: None.  
--Not transferable

**GUID 090**  
Strategies for College Success  
**LEC 8-9**  
This course is designed to orient students to the College’s programs, services, procedures, and standards. A brief overview of transfer requirements, admission procedures, and requirements for majors, student support services, student rights and responsibilities, and suggestions for effective study will enable students to be more successful at MSJC. Prerequisite: None.  
--Not transferable

**GUID 100**  
College Success  
**LEC 48-54**  
This comprehensive course integrates personal growth, academic and career success with problem solving, critical and creative thinking. The course focuses on the following topics: life management, goal setting, career decision making, educational planning, college expectations and opportunities, instructor-student relationships, cultural diversity, health maintenance, stress management, campus resources, learning styles, and strategies including lecture note-taking, test taking, and concentration. Prerequisite: None.  
--AA/AS General Education: AA/AS B2  
--Transfers to both UC/CSU

**GUID 102**  
Orientation for College Success  
**LEC 16-18**  
This extended orientation class will discuss the College’s programs, services, procedures, and standards. An in-depth exploration of transfer requirements, admission procedures, requirements for majors, student support services, student rights and responsibilities, development of educational plan and basic guidelines for effective study will enhance a student’s success at MSJC. Prerequisite: None.  
--Transfers to CSU only

**GUID 104**  
Training and Preparation of the College Mentor  
**LEC 32-36**  
This course is intended to provide education and training of Mt. San Jacinto College students in the development of abilities to assist new college students and providing Outreach Services to the local district school. This course will also create a learning environment that promotes multi-cultural awareness and sensitivity. Prerequisite: Students must have satisfactorily completed one full time semester (12 units) with a semester and cumulative GPA of at least 2.0.  
--Transfers to CSU only

**GUID 105**  
Transitions for Intercollegiate Student Athletes  
**LEC 48-54**  
This course explores current issues and challenges facing the intercollegiate athlete and develops skills needed to adjust to the college experience. The course focuses on the following topics as they relate to the student athlete: goal setting, time management, career decision making, educational planning, stress management, personal and social responsibility, student/ instructor relationships, and NCAA/NAIA transfer rules and requirements. Prerequisite: None.  
--Transfers to CSU only

**GUID 110**  
Career Search  
**LEC 16-18**  
This introductory 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. This course is appropriate for motivated students desiring a fast approach to career planning and selecting a program of study. Prerequisite: None.  
--Transfers to CSU only

**GUID 111**  
Major Search and Educational Planning  
**LEC 16-18**  
This course explores the process for connecting academic courses and programs of study to careers. Students will learn how to research majors, select appropriate schools and plan an education to meet their career goals. Strategies are explored for skill development and obtaining alternatives for academic credit to meet the changing needs of adult learners. This course is intended for students who need to select a major or change a previous academic decision. Prerequisite: None.  
--Transfers to CSU only

**GUID 112**  
Creative Job Search  
**LEC 32-36**  
This course explores successful job search within a contemporary workplace. Students will learn to use effective techniques for obtaining a new job or making employment transitions. Students are instructed in the effective use of sound guidelines and cutting-edge strategies necessary for active career management today. Topics include how to: handle transitions, explore job leads, research employers, write a winning resume, maintain a career portfolio, establish a professional network, interview successfully, and negotiate job offers. Prerequisite: None.  
--Transfers to CSU only

**GUID 116**  
Integrative Career/Life Planning  
**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. Recommended for students choosing their first career or changing careers. Prerequisite: None.  
--AA/AS General Education: AA/AS B2  
--Transfers to CSU only  
--CSU Area(s): E1
GUID 118 3 units
Transfer Success  LEC 48-54
This course applies the necessary knowledge, skills, tactics, and resources to successfully transfer from a community college to a baccalaureate level college, university, or other institution. Students learn how to research, differentiate between, evaluate, and select majors and schools based on individual needs and career goals. Academic practices, requirements, application timelines and processes, financial assistance, housing, and student support services are explored. Student educational and action plans are developed for achieving transfer and career goals. Prerequisite: None.
--Transfers to CSU only

GUID 118B 0.50-1 unit
Topics in Guidance: The Learning Environment  LEC 48-54
Selected topics designed to develop student academic and personal competencies arising from individual, family, college, and work issues. Topics supplement and serve as additions to other guidance offerings, and are announced each term in the current Schedule of Classes with an A-O designation. Topics and credit vary and are determined in relation to student needs. Fees may be required at registration. Offered as pass/no pass only. One topic per course may be taken for credit. Prerequisite: None.
--AA/AS General Education: AA/AS B2
--Transfers to CSU only

GUID 120 3 units
Personal Success Habits of Highly Effective People  LEC 48-54
This course is designed to provide new and continuing students the opportunity to explore an integrated approach to personal and interpersonal effectiveness. Students will apply the habits and principles that embody many of the fundamental principles of human effectiveness such as integrity, honesty, service, time management, conflict resolution, goal setting, decision-making skills, and effective communication skills. This course is designed to meet associate degree requirements. Prerequisite: None.
--Transfers to CSU only

GUID 153A-K 0.50-1 unit
Topics in Guidance: Personal Management  LEC 8-18
Selected topics designed to develop student academic and personal competencies arising from individual, family, college, and work issues. Topics supplement and serve as additions to other guidance offerings, and are announced each term in the current Schedule of Classes with an A-K designation. Topics and credit vary and are determined in relation to student needs. Fees may be required at registration. Offered as pass/no pass only. One topic per course may be taken for credit. Prerequisite: None.
--Transfers to CSU only

GUID 154A-Y 0.50-1 unit
Topics in Guidance: Career Management  LEC 8-18
Selected topics designed to develop student academic and personal competencies arising from individual, family, college, and work issues. Topics supplement and serve as additions to other guidance offerings, and are announced each term in the current Schedule of Classes with a A-Y designation. Topics and credit vary and are determined in relation to student needs. Fees may be required at registration. Offered as pass/no pass only. One topic per course may be taken for credit. Prerequisite: None.
### Health Science

#### 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, spiritual, intellectual and environmental health). It provides students with an opportunity to learn about the maintenance and improvement of their health and wellness. Topics include psychological health/problems, stress management, physical fitness, nutrition, substance use and abuse, infectious/non infectious diseases, cancer, cardiovascular disease, reproductive health, relationships, human sexuality, health and wellness related to the human lifecycle and environmental health issues. Prerequisite: None.  
--AA/AS General Education: AA/AS B2 or AA/AS E  
--Transfers to both UC/CSU  
--CSU Area(s): E1

#### HS 123
**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 including the origins, history and composition of commonly used psychoactive drugs. The effect of psychoactive drugs on the nervous system is also covered. Prerequisite: None.  
--AA/AS General Education: AA/AS B2 or AA/AS E  
--Transfers to both UC/CSU  
--CSU Area(s): E1

#### HS 299
**Special Projects: Health Science**  
**1-3 units**  
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. *Note: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Health Science classes; a contract must be completed with the instructor prior to enrollment.  
--Transfers to CSU only

### History

#### HIST 101
**Western Civilization I: to 1500**  
**3 units**  
LEC 48-54  
This course traces the economic, social, political, and cultural development of Western Civilization from its origins in the ancient Middle East through the European Renaissance. Prerequisite: None. Recommended Preparation: ENGL-092 or ENGL-098.  
--AA/AS General Education: AA/AS B2  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B, 4F  
--CSU Area(s): C2, D6

#### HIST 102
**Western Civilization II: from 1500 to the Present Era**  
**3 units**  
LEC 48-54  
This course traces the economic, social, political, and cultural development of Western Civilization from the Renaissance to the present. Prerequisite: None. Recommended Preparation: ENGL-092 or ENGL-098.  
--AA/AS General Education: AA/AS B2 or AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B, 4F  
--CSU Area(s): C2, D6

---

Course Descriptions

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Course Descriptions

HIST 103  History of World Civilizations to 1500  3 units  LEC 48-54
This course explores the origin and development of civilizations in Europe, the Near East, India, Africa, the New World, and East Asia. Using a comparative approach between the world’s major civilizations, students will examine social structure and daily life, political systems, cultural values and assumptions, and economic development. Prerequisite: None. Recommended Preparation: ENGL-092 or ENGL-098.
--AA/AS General Education: AA/AS B2
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 4F
--CSU Area(s): C2, D6

HIST 103H  Honors History of World Civilizations to 1500  3 units  LEC 48-54
This course explores the origin and development of civilizations in Europe, the Near East, India, Africa, the New World, and East Asia. Using a comparative approach between the world’s major civilizations, students will examine social structure and daily life, political systems, cultural values and assumptions, and economic development. Prerequisite: Acceptance in the Honors Enrichment Program. Recommended Preparation: ENGL-092 or ENGL-098.
--AA/AS General Education: AA/AS B2
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 4F
--CSU Area(s): C2, D6

HIST 104  History of World Civilizations: 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 between the world’s major civilizations, students will examine interconnections between major European, Middle Eastern, African, South and North American, and Asian civilizations 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: None. Recommended Preparation: ENGL-092 or ENGL-098.
--AA/AS General Education: AA/AS B2
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 4F
--CSU Area(s): C2, D6

HIST 104H  Honors History of World Civilizations: 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 between the world’s major civilizations, students will examine interconnections between major European, Middle Eastern, African, South and North American, and Asian civilizations 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 in the Honors Enrichment Program. Recommended Preparation: ENGL-092 or ENGL-098.
--AA/AS General Education: AA/AS B2
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 4F
--CSU Area(s): C2, D6

HIST 106  The World Since 1900  3 units  LEC 48-54
This course introduces students to major global historical trends since 1900 and considers major developments in art and science, the economy and technology, politics and diplomacy, and military affairs. 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: None.
--AA/AS General Education: AA/AS B2 or AA/AS C and AA/AS F
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 4F
--CSU Area(s): C2, D6

HIST 107  The History of East Asia Before 1600  3 units  LEC 48-54
This course examines the pre-modern histories of China, Japan, Korea, Vietnam and Thailand, and of their institutional and cultural interaction. Emphasis will be placed on the analysis of the conflicting themes of cultural unity and cultural uniqueness in East Asian civilization and on how Japan, Korea, and Vietnam modified the foundations of Chinese civilization to create distinctive civilizations of their own. Prerequisite: None.
--AA/AS General Education: AA/AS B2 or AA/AS C and AA/AS F
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 4F
--CSU Area(s): C2, D6

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, Korean, and Vietnamese societies from the beginning of the 17th century to the present. Emphasis will be placed on the Communist Revolution in China, political modernization and imperialism in Japan, and the social, economic, technological, ecological and cultural impact of extended contact with the West upon China, Korea, Vietnam and Japan. Prerequisite: None.
--AA/AS General Education: AA/AS B2 or AA/AS C and AA/AS F
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 4F
--CSU Area(s): C2, D6

HIST 109  Global History of World War II  3 units  LEC 48-54
This course examines World War II from a global perspective, exploring the origins of the war, ways in which the war affected military forces, civilian populations, areas of the world beyond Europe and the United

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
HIST 109H 3 units
Honors Global History of World War II
LEC 48-54
This course examines World War II from a global perspective, exploring the origins of the war, ways in which the war affected military forces, civilian populations, areas of the world beyond Europe and the United States, and early developments in the post-war world. Prerequisite: Acceptance into the Honors Enrichment Program. Recommended Preparation: ENGL-092 or ENGL-098.
--AA/AS General Education: AA/AS B1 or AA/AS B2
--Transfers to both UC/CSU
--IGETC Area(s): 4F
--CU Area(s): D6

HIST 111 3 units
U.S. History to 1877
LEC 48-54
This course explores political, social, economic, and intellectual developments in the United States from colonization and settlement through the Civil War and Reconstruction. Prerequisite: None. Recommended Preparation: ENGL-092 or ENGL-098.
--AA/AS General Education: AA/AS B1 or AA/AS B2
--Transfers to both UC/CSU
--IGETC Area(s): 4F
--CU Area(s): D6

HIST 111H 3 units
Honors U.S. History to 1877
LEC 48-54
This course explores political, social, economic, and intellectual developments in the United States from colonization and settlement through the Civil War and Reconstruction. Prerequisite: Acceptance in the Honors Enrichment Program. Recommended Preparation: ENGL-092 or ENGL-098.
--AA/AS General Education: AA/AS B1 or AA/AS B2
--Transfers to both UC/CSU
--IGETC Area(s): 4F
--CU Area(s): D6

HIST 112 3 units
U.S. History Since 1865
LEC 48-54
This course explores the political, social, economic, and intellectual developments in the United States from the Reconstruction Era to the present. Prerequisite: None. Recommended Preparation: ENGL-092 or ENGL-098.
--AA/AS General Education: AA/AS B1 or AA/AS B2
--Transfers to both UC/CSU
--IGETC Area(s): 4F
--CU Area(s): D6

HIST 112H 3 units
Honors U.S. History Since 1865
LEC 48-54
This course explores the political, social, economic, and intellectual developments in the United States from the Reconstruction Era to the present. Prerequisite: Acceptance in the Honors Enrichment Program. Recommended Preparation: ENGL-092 or ENGL-098.
--AA/AS General Education: AA/AS B1 or AA/AS B2
--Transfers to both UC/CSU
--IGETC Area(s): 4F
--CU Area(s): D6

HIST 115 3 units
Women in United States History
LEC 48-54
This course surveys the history of women in America from the colonial period to the present with emphasis on relevant political, social, economic and ethnic factors. The course will emphasize the variety of women's experiences during various periods in United States history and investigate some of the significant events, processes, figures and movements shaping that experience. It will serve both UC/CSU transfer students and students pursuing an associate's degree. Prerequisite: None.
--AA/AS General Education: AA/AS B2 or AA/AS C and AA/AS F
--Transfers to both UC/CSU
--IGETC Area(s): 4D, 4F
--CU Area(s): D4, D6

HIST 119 3 units
Civil War and Reconstruction, 1860-1876
LEC 48-54
HIST 119 explores the American Civil War and Reconstruction, encouraging students to analyze the causes of the conflict, the course of the war, the period immediately after, and the short- and long-term consequences of the era. The course is designed to meet the needs of students interested in the era, including transfer students desiring a history concentration. Prerequisite: None.
--AA/AS General Education: AA/AS B2
--Transfers to both UC/CSU
--IGETC Area(s): 4F
--CU Area(s): D6

HIST 119H 3 units
Honors Civil War and Reconstruction, 1860-1876
LEC 48-54
HIST 119H explores the American Civil War and Reconstruction, encouraging students to analyze the causes of the conflict, the course of the war, the period immediately after, and the short- and long-term consequences of the era. The course is designed to meet the needs of students interested in the era, including transfer students desiring a history concentration. Prerequisite: Acceptance in the Honors Enrichment Program.
--AA/AS General Education: AA/AS B2
--Transfers to both UC/CSU
--IGETC Area(s): 4F
--CU Area(s): D6

HIST 120 3 units
California History
LEC 48-54
A survey of California History from its geological origins to the present, this course explores the state's past by examining politics, economic trends, ethnicity and migration, cultural developments, and California's relationship to the rest of the United States and the Pacific Rim. Prerequisite: None.
--AA/AS General Education: AA/AS B2
--Transfers to both UC/CSU
--IGETC Area(s): 4F
--CU Area(s): D6

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
## Course Descriptions

### HIST 120H
**Honors California History**

<table>
<thead>
<tr>
<th>LEC 48-54</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 units</td>
</tr>
</tbody>
</table>

A survey of California History from its geological origins to the present. This course explores the state's past by examining politics, economic trends, ethnicity and migration, cultural developments, and California's relationship to the rest of the United States and the Pacific Rim. Prerequisite: Acceptance in the Honors Enrichment Program.

- AA/AS General Education: AA/AS B2
- Transfers to both UC/CSU
- IGETC Area(s): 4F
- CSU Area(s): D6

### HIST 121
**California Indians**

<table>
<thead>
<tr>
<th>LEC 48-54</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 units</td>
</tr>
</tbody>
</table>

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. Prerequisite: None.

- AA/AS General Education: AA/AS B2 or AA/AS F
- Transfers to both UC/CSU
- IGETC Area(s): 4A, 4F
- CSU Area(s): D1, D3

### HIST 124
**Recent America: The U.S. Since 1945**

<table>
<thead>
<tr>
<th>LEC 48-54</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 units</td>
</tr>
</tbody>
</table>

This course explores in depth the most recent trends and developments in U.S. history, including foreign and military policy, social and economic change, and culture and intellectual developments from the immediate post-war years to the present. Prerequisite: None. Recommended Preparation: Collegiate-level reading and writing skills are strongly recommended.

- AA/AS General Education: AA/AS B1 or AA/AS B2
- Transfers to both UC/CSU
- IGETC Area(s): 4F
- CSU Area(s): D6

### HIST 125
**Military History of the United States**

<table>
<thead>
<tr>
<th>LEC 48-54</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 units</td>
</tr>
</tbody>
</table>

History 125 introduces the student to the military history of the United States from the colonial period to the present with emphasis on institutional, technological, social, political, cultural, and diplomatic contexts in times of peace and conflict. Prerequisite: None.

- AA/AS General Education: AA/AS B2 or AA/AS C
- Transfers to both UC/CSU
- IGETC Area(s): 4F
- CSU Area(s): D6

### HIST 126
**History of Great Britain to 1714**

<table>
<thead>
<tr>
<th>LEC 48-54</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 units</td>
</tr>
</tbody>
</table>

This course analyzes the growth of British civilization from prehistory to the beginning of the Hanoverian Dynasty. The course covers the significant political, economic, social, religious, intellectual and government facets of British culture during this period and places them with the larger context of Western Civilization. Prerequisite: None.

- AA/AS General Education: AA/AS B2 or AA/AS C and AA/AS F
- Transfers to both UC/CSU
- IGETC Area(s): 4F, 3B
- CSU Area(s): D6, C2

### HIST 127
**History of Great Britain From 1714**

<table>
<thead>
<tr>
<th>LEC 48-54</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 units</td>
</tr>
</tbody>
</table>

A history of Britain from 1715 through the cold war. This course covers the major political, economic, religious and military facets of British civilization during this period and studies the connection between Britain and its colonial empire. Themes of colonization, industrialization, imperialism and the loss of its hegemony in the 20th century will be examined in depth. Prerequisite: None.

- AA/AS General Education: AA/AS B2 or AA/AS C and AA/AS F
- Transfers to both UC/CSU
- IGETC Area(s): 3B, 4F
- CSU Area(s): C2, D6

### HIST 136
**Cultural History of American Motion Pictures**

<table>
<thead>
<tr>
<th>LEC 32-36/LAB 48-54</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 units</td>
</tr>
</tbody>
</table>

In considering 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. Prerequisite: None.

- AA/AS General Education: AA/AS B2 or AA/AS C and AA/AS F
- Transfers to both UC/CSU
- IGETC Area(s): 3B, 4F
- CSU Area(s): C2

### HIST 140
**History of Mexico**

<table>
<thead>
<tr>
<th>LEC 48-54</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 units</td>
</tr>
</tbody>
</table>

This course examines the history of Mexico from its pre-Columbian roots to the present. Topics will include the social, economic and cultural aspects of colonialism; imperial reform; collapse of empire; independence and the problems of nation building; Liberalism and Conservatism; foreign intervention; Mexican Revolution; industrialization; and neo-liberalism. Prerequisite: None.

- AA/AS General Education: AA/AS B2 or AA/AS C and AA/AS F
- Transfers to both UC/CSU
- IGETC Area(s): 3B, 4F
- CSU Area(s): C2, D6

### HIST 141
**History of Latin America to 1820**

<table>
<thead>
<tr>
<th>LEC 48-54</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 units</td>
</tr>
</tbody>
</table>

This course analyzes the history of colonial Latin America from ancient pre-contact America and fifteenth-century Europe to the independence movements of the early nineteenth-century. The emphasis will be on investigating how the admixture of European and New World societies gave rise to unique Latin American cultures. Prerequisite: None.

- AA/AS General Education: AA/AS B2 or AA/AS C and AA/AS F
- Transfers to both UC/CSU
- IGETC Area(s): 4F
- CSU Area(s): D6

### HIST 142
**History of Latin America Since 1820**

<table>
<thead>
<tr>
<th>LEC 48-54</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 units</td>
</tr>
</tbody>
</table>

This course examines the history of Latin America from the nineteenth-century independence revolutions to the present emphasizing Latin American nations' political, economic, and social attempts at modernization and their international relationships, especially with the United States. Prerequisite: None.

- AA/AS General Education: AA/AS B2 or AA/AS C and AA/AS F
- Transfers to both UC/CSU
- IGETC Area(s): 4F
- CSU Area(s): D6
HIST 150  
Race and Ethnicity in U.S. History  
LEC 48-54  
3 units  
In HIST-150, students are introduced to the history of interaction between ethnic groups in the United States. The course material allows students to develop theories and constructs regarding what leads to intercultural collaboration or confrontation. The course also encourages an understanding of the similarities and differences in racial ethnic experiences in the U.S. Prerequisite: None. Recommended Preparation: Collegiate level reading and writing skills.

--AA/AS General Education: AA/AS B2 or AA/AS F  
--Transfers to both UC/CSU  
--IGETC Area(s): 4C, 4F  
--CSU Area(s): D3, D6

HIST 150H  
Honors Race and Ethnicity in U.S. History  
LEC 48-54  
3 units  
In HIST-150H, students are introduced to the history of interaction between ethnic groups in the United States. The course material allows students to develop theories and constructs regarding what leads to intercultural collaboration or confrontation. The course also encourages an understanding of the similarities and differences in racial ethnic experiences in the U.S. Prerequisite: Acceptance in the Honors Enrichment Program. Recommended Preparation: Collegiate level reading and writing skills.

--AA/AS General Education: AA/AS B2 or AA/AS F  
--Transfers to both UC/CSU  
--IGETC Area(s): 4C, 4F  
--CSU Area(s): D3, D6

HIST 151  
History and Appreciation of Dance  
LEC 48-54  
3 units  
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. Prerequisite: None.

--AA/AS General Education: AA/AS B2 or AA/AS C and AA/AS F  
--Transfers to both UC/CSU  
--IGETC Area(s): 3A, 3B  
--CSU Area(s): C1

HIST 154  
Theater History  
LEC 48-54  
3 units  
This survey course approaches world theater history from Ancient Greece through contemporary theater in the early 21st century. Comparative historical studies of Asian, Byzantine, European, African, Latin American and American theater are included. The complexity of theater as an art form, from its function in a given era and culture to its many component parts including acting, audiences, theatrical spaces, texts, playwriting, production design, machinery, special effects, music, dance, directing, management, and criticism are examined. *Cross-listed as THA-102. Prerequisite: None.

--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

HIST 155  
The Sixties  
LEC 48-54  
3 units  
This course explores the nature and significance of social, political, economic and cultural change during the 1960s. Assessing the significance of the period, the course takes a comparative approach to historical change. Similar themes and concepts are looked at in a variety of national and international situations, addressing areas such as: evolving party politics; sexuality and sexual identity; youth and countercultures; anti-war and civil rights movements; music, media and politics. Prerequisite: None. Recommended Preparation: ENGL-098.

--AA/AS General Education: AA/AS B2  
--Transfers to both UC/CSU  
--IGETC Area(s): 4F  
--CSU Area(s): D6

HIST 160  
Black History in the American Context  
LEC 48-54  
3 units  
This course traces the historical and political experiences of Black America 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 U.S 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. Prerequisite: None. Recommended Preparation: ENGL-092 or ENGL-098.

--AA/AS General Education: AA/AS B2 or AA/AS F  
--Transfers to both UC/CSU  
--IGETC Area(s): 4C, 4F  
--CSU Area(s): D3, D6

HIST 160H  
Honors Black History in the American Context  
LEC 48-54  
3 units  
This course traces the historical and political experiences of Black America 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 U.S 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. Prerequisite: Acceptance in the Honors Enrichment Program. Recommended Preparation: ENGL-092 or ENGL-098.

--AA/AS General Education: AA/AS B2 or AA/AS F  
--Transfers to both UC/CSU  
--IGETC Area(s): 4C, 4F  
--CSU Area(s): D3, D6

HIST 161  
Global History of World War I  
LEC 48-54  
3 units  
HIST 161 examines World War I from a global perspective, beginning with major changes and developments that emerged in the late nineteenth century, continuing with the war itself and the peace process that followed, and concluding with major trends and developments that emerged in the years following the war. Prerequisite: None.

--AA/AS General Education: AA/AS B2 or AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 4F  
--CSU Area(s): D6
## Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 161H</td>
<td>3 units</td>
<td>Honors Global History of World War I</td>
<td>LEC 48-54</td>
</tr>
<tr>
<td>HIST 162</td>
<td>3 units</td>
<td>History of the Vietnam War</td>
<td>LEC 48-54</td>
</tr>
<tr>
<td>HIST 162H</td>
<td>3 units</td>
<td>Honors History of the Vietnam War</td>
<td>LEC 48-54</td>
</tr>
<tr>
<td>HIST 299</td>
<td>1-3 units</td>
<td>Special Projects: History</td>
<td>IS 16-54</td>
</tr>
</tbody>
</table>

### Honors Enrichment Program

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEP 200</td>
<td>3 units</td>
<td>Honors Seminar</td>
<td>LEC 48-54</td>
</tr>
<tr>
<td>HEP 201</td>
<td>3 units</td>
<td>Honors Studies: Humanities</td>
<td>LEC 48-54</td>
</tr>
<tr>
<td>HEP 202</td>
<td>3 units</td>
<td>Honors Studies: Social Sciences</td>
<td>LEC 48-54</td>
</tr>
<tr>
<td>HEP 203</td>
<td>3 units</td>
<td>Honors Studies: Science</td>
<td>LEC 48-54</td>
</tr>
</tbody>
</table>

### Humanities

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUM 101</td>
<td>3 units</td>
<td>Introduction to the Humanities to 1500</td>
<td>LEC 48-54</td>
</tr>
<tr>
<td>HUM 101H</td>
<td>3 units</td>
<td>Honors Introduction to the Humanities to 1500</td>
<td>LEC 48-54</td>
</tr>
</tbody>
</table>

*Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.*
HUM 102  
Introduction to the Humanities Since 1500  
LEC 48-54  
3 units  
This interdisciplinary humanities course covers a wide range of topics during the period from the earliest civilizations since 1500, as it examines the cultures of various nationalities, ethnicities, and historical periods through the spectrum of time, place, race, class, and gender within literary, philosophical, artistic, and historical frameworks. Prerequisite: None. Recommended Preparation: ENGL-101; students should be able to read and respond analytically, conduct academic-level research, and write a research paper integrating primary and secondary source material with the student’s own insights.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

HUM 102H  
Honors Introduction to the Humanities Since 1500  
LEC 48-54  
3 units  
This interdisciplinary humanities course covers a wide range of topics during the period from the earliest civilizations since 1500, as it examines the cultures of various nationalities, ethnicities, and historical periods through the spectrum of time, place, race, class, and gender within literary, philosophical, artistic, and historical frameworks. Prerequisite: Acceptance in the Honors Enrichment Program. Recommended Preparation: ENGL-101; Students should be able to read and respond analytically, conduct academic-level research, and write a research paper integrating primary and secondary source materials with the student’s own insights.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

HUM 137  
Introduction to World Cinema  
LEC 32-36/LAB 48-54  
3 units  
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. *Cross-listed as THA-137. Prerequisite: None.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3A  
--CSU Area(s): C1

HUM 138  
The Cinema of Alfred Hitchcock  
LEC 32-36/LAB 48-54  
3 units  
This course explores the cinematic work of director Alfred Hitchcock and examines the contexts in which the films were produced (Britain and the United States), the technical and commercial aspects of production, the major themes and ideas treated in his films, and his influence on other films and directors. Prerequisite: None.  
--AA/AS General Education: AA/AS C  
--Transfers to CSU only  
--CSU Area(s): C1

LEAD 101  
Leadership Development  
LEC 48-54  
3 units  
(formerly SGA-101)  
This course is designed to provide emerging and existing student leaders the opportunity to analyze the theoretical aspects of leadership and apply those concepts to their leadership skills. The course emphasizes 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. Prerequisite: None.  
--AA/AS General Education: AA/AS B2  
--Transfers to CSU only

LEAD 102  
Personal Leadership Development  
LEC 48-54  
3 units  
(formerly SGA-102)  
This course will explore advanced topics in leadership and the application to the personal lives, and careers in education, private or public sector organizations. Topics will include crisis in leadership, being a positive change agent, conflict resolution, 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. Prerequisite: None.  
--AA/AS General Education: AA/AS B2  
--Transfers to CSU only

LEAD 105  
Service Learning Leadership  
LEC 16-18/LAB 24-27  
1.5 units  
(formerly SGA-105)  
This course provides students the opportunity to utilize leadership theories outside the classroom in community service and take part in the active education while addressing concerns and needs of the community. The goals of this course are to connect the relevance of academic theories to community life experience, enhance student's confidence and self-esteem, and assist in the development, coordination, and participation of community events. *Cross-listed as CDE-105. Prerequisite: None.  
--Transfers to CSU only

LEAD 299  
Special Projects: Special Topics in Leadership  
IS 16-54  
1-3 units  
(formerly SGA-299)  
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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: A contract must be completed with the instructor prior to enrollment.  
--Transfers to CSU only

LNSK 051  
Learning Disabilities Workshop  
LEC 8-9  
.5 unit  
(formerly LNSK-071 Learning Skills: Assessment Workshop)  
The course focuses on understanding learning differences, and strategies related to specific learning disabilities. Cognitive and achievement assessment will be provided as needed to identify student’s learning profile. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Offered as pass/no pass only. Prerequisite: None.  
--Not transferable

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
### Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
</table>
| **LNSK 053** | 3 units | Study Skills (formerly LNSK-073 Learning Skills: Study Skills)  
The 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, test-taking strategies, time management, and library research. Offered as pass/no pass only. Prerequisite: None. Recommended Preparation: LNSK-051.  
--Not transferable |
| **LNSK 054** | 1 unit | Language Arts Lab (formerly LNSK-074 Learning Skills: Language Arts Lab)  
The course is designed to provide remediation to learning disabled students who have been identified through diagnostic testing. A study plan is developed to target specific areas and remediate weaknesses related to language arts including reading and writing. Offered as pass/no pass only. Prerequisite: None. Recommended Preparation: LNSK-051.  
--Not transferable |
| **LNSK 055** | 2 units | Language Arts (formerly LNSK-075 Learning Skills: Language Arts)  
The course is designed to provide remediation and intervention to learning disabled students who have been identified through diagnostic testing. A study plan is developed to target specific areas and remediate weaknesses related to language arts including reading and writing. Offered as pass/no pass only. Prerequisite: None. Recommended Preparation: LNSK-051.  
--Not transferable |
| **LNSK 056** | 2 units | Vocabulary Development for LD (formerly LNSK-076 Expressive and Receptive Vocabulary Development for LD Students)  
The 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. Prerequisite: None. Recommended Preparation: LNSK-051.  
--Not transferable |
| **LNSK 057** | 2 units | Pre-Algebra Support for LD (formerly Pre-Algebra Support for LD Students)  
The course is designed to provide individualized and small group instruction to learning disabled students who need remediation in basic math skills. Offered as pass/no pass only. Prerequisite: None. Recommended Preparation: LNSK-071.  
--Not transferable |
| **LNSK 077** | 2 units | Algebra Support for LD (formerly Algebra Support for LD Students)  
The course is designed to provide individualized and small group instruction to learning disabled students who need remediation in algebra. Offered as pass/no pass only. Prerequisite: None. Recommended Preparation: LNSK-051.  
--Not transferable |
| **LNSK 079A** | 2 units | Adaptive Computer Technology (formerly LNSK-076 Expressive and Receptive Vocabulary Development for LD Students)  
The course is designed to provide individualized and small group instruction to learning disabled students who have been identified through diagnostic testing who need remediation in adaptive computer access and technology, including voice activation. Offered as pass/no pass only. Prerequisite: None. Recommended Preparation: LNSK-051.  
--Not transferable |
| **LNSK 079B** | 2 units | Advanced Adaptive Computer Technology (formerly LNSK-074 Learning Skills: Study Skills)  
The course is designed to provide individualized and small group instruction to learning disabled students who have been identified through diagnostic testing who need remediation in adaptive computer access and technology, including voice activation. Offered as pass/no pass only. Prerequisite: None. Recommended Preparation: LNSK-051.  
--Not transferable |
| **LEG 100** | 3 units | Foundations of the Legal System (formerly LEG 100)  
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. 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. A core course in the Legal Assistant Certificate/Degree program. Prerequisite: None.  
--AA/AS General Education: AA/AS B2  
--Transfers to CSU only  
--CSU Area(s): D8 |
| **LEG 103** | 3 units | Elder Law (formerly LEG 103)  
This course presents the contemporary world of elder law with a comprehensive legal overview of the most important laws that affect the elderly. The multi-disciplinary approach will analyze the legal needs relevant to the elderly and the ethical, social, and physical needs associated with aging. Prerequisite: None.  
--AA/AS General Education: AA/AS B2  
--Transfers to CSU only |
| **LEG 104** | 3 units | Law Office Management (formerly LEG 104)  
The course is designed to examine the role of a legal assistant in law office management, office organizations and the relationship to attorneys and other support staff. Subjects include accounting, scheduling, calendaring and coordinating schedules, cost control and database use. Prerequisite: None.  
--Transfers to CSU only |
**Course Descriptions**

**LEG 105  3 units**
California Civil Procedure  LEC 48-54
This course prepares students to assist in drafting the many documents needed or required in litigation. It explains the civil litigation process through trial and post-trial 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. Prerequisite: LEG-100 (with a grade of C or better).
--Transfers to CSU only

**LEG 107  3 units**
Research and Writing for Legal Assistant  LEC 48-54
This course introduces print and computer-based legal research methods, focusing on Federal and California constitutional, statutory and common law in encyclopedias, restatements, model statutes, legislative materials, articles, and other secondary sources of exposition and analysis. Course topics include critical reading, principles of legal construction and interpretation, and drafting basic legal documents. Prerequisite: LEG-104 (with a grade of C or better).
--Transfers to CSU only

**LEG 112  3 units**
Administrative Law  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. Prerequisite: LEG-100 (with a grade of C or better).
--Transfers to CSU only

**LEG 120  3 units**
Immigration Law I  LEC 48-54
This course introduces the fundamentals of current immigration and nationality law in the United States. It covers the classification of citizens and aliens, the procedures to establish status and ground of eligibility and loss of status. Also includes judicial and administrative review of government, adjudications, and U.S. Constitutional restraints. Prerequisite: None.
--Transfers to CSU only

**LEG 122  3 units**
Immigration Law II  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. Prerequisite: LEG-100 (with a grade of C or better).
--AA/AS General Education: AA/AS B2
--Transfers to CSU only

**LEG 140  3 units**
Bankruptcy Law  LEC 48-54
This course introduces the fundamental principles and basic analysis of bankruptcy theory and practices. The course will provide an overview of the bankruptcy system's internal logic, processes and basic steps to complete court forms, research statutory materials, and obtain an understanding of local court rules. Prerequisite: None.
--Transfers to CSU only

**LEG 149  1-4 units**
Occupational Internship: Legal Assistant
Paid 75-300/Unpaid 60-240
This course introduces the fundamental principles and basic analysis of bankruptcy theory and practices. The course will provide an overview of the bankruptcy system's internal logic, processes and basic steps to complete court forms, research statutory materials, and obtain an understanding of local court rules. Prerequisite: None.
--Transfers to CSU only

**LEG 150  3 units**
Probate Law and Procedures  LEC 48-54
This course introduces the fundamentals of current immigration and nationality law in the United States. It covers the classification of citizens and aliens, the procedures to establish status and ground of eligibility and loss of status. Also includes judicial and administrative review of government, adjudications, and U.S. Constitutional restraints. Prerequisite: None.
--Transfers to CSU only

**LEG 160  3 units**
Business Organizations  LEC 48-54
This course introduces the fundamentals of current immigration and nationality law in the United States. It covers the classification of citizens and aliens, the procedures to establish status and ground of eligibility and loss of status. Also includes judicial and administrative review of government, adjudications, and U.S. Constitutional restraints. Prerequisite: None.
--Transfers to CSU only

---

*Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.*
Course Descriptions

Library Science

LIB 100 3 units
Introduction to Library Research and Information Competency
This course will empower students with the information competency skills necessary to perform both academic and personal research using library resources, electronic databases, and the Internet. Students will be guided through the process of selecting, searching, analyzing, and citing various information resources. The research process will be applied to a variety of information needs: term papers, coursework, careers, and life-long learning. This course will prepare students for college level research in all disciplines. Prerequisite: None.
--Transfers to CSU only

LIB 101 1 unit
Essentials of Library Research and Information Competency
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 using the MLA format. This course will prepare students for research in any discipline, and will impart the information competency skills necessary to become a lifelong learner. Prerequisite: None
--Transfers to CSU only

Management/Supervision

MGT 103 3 units
Introduction to Management
U.S. businesses operate in a constantly changing global business environment. Thus modern business managers need to be aware of a wide variety of domestic and global issues. This course will introduce students to the task of managing, the history of management, the role of planning, organizing, leading and controlling on both a domestic and global level. Students will review the role of information systems, management theories, and examine current issues in management. Prerequisite: None.
--Transfers to CSU only

MGT 103H 3 units
Honors Introduction to Management
U.S. businesses operate in a constantly changing global business environment. Thus modern business managers need to be aware of a wide variety of domestic and global issues. This course will introduce students to the task of managing, the history of management, the role of planning, organizing, leading and controlling on both a domestic and global level. Students will review the role of information systems, management theories, and examine current issues in management. Prerequisite: Acceptance into the Honors Enrichment Program.
--Transfers to CSU only

MGT 108 3 units
Organizational Behavior
This course is designed to give students an understanding of and methods to react to various behaviors encountered in the workplace. The study of organizational behavior provides insights into people at work in all kinds of situations and organizations. By providing an understanding of how organizations operate, the student can become a more efficient and productive team member. *Cross-listed as ENGR-108. Prerequisite: None.
--Transfers to CSU only

MGT 122 3 units
Labor Management Relations
LEC 48-54
This course will emphasize the history and development of the labor movement and the passing of labor legislation. The supervisor’s responsibility for good labor relations, union contract and grievance procedures will be discussed as well as ethical issues associated with labor relations. The course will also analyze bargaining and grievance procedures. Prerequisite: MGT-103 (with a grade of C or better).
--Transfers to CSU only

MGT 132 3 units
Productivity Management
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. Prerequisite: MGT-103 (with a grade of C or better).
--Transfers to CSU only

MGT 133 3 units
Personnel Management
LEC 48-54
This course is designed to develop an understanding of personnel techniques for which managers are responsible, including job/task analysis, HRM planning, recruitment, selection, placement testing, orientation, job training, counseling, merit rating, appraisal, promotion, transfer, outplacement, safety and security. Management of the human resource function is covered. Prerequisite: MGT-103 (with a grade of C or better).
--Transfers to CSU only

MGT 149 1-4 units
Occupational Internship:
Management
Paid 75-300/Unpaid 60-240
This course is designed to enable eligible students to include supervised on-the-job training as an integral part of the total college educational program. This is accomplished through a planned program of learning experiences which combines academic and vocational learning at school with new learning experiences on the job in an occupational setting. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: 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 Occupational Internship Student Handbook for specific information.
--Transfers to CSU only

MGT 205 3 units
Principles of Marketing Management
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. Prerequisite: None.
--Transfers to CSU only

MGT 299 1-3 units
Special Projects: Management
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
Mathematics

MATH 041  Pre-Algebra Lab  1 unit
LEC 8-9/LAB 24-27
This course explores and reinforces the math concepts taught in MATH-051 Pre-Algebra. Activities will help the students gain a better understanding of concepts. Assistance from professional experts, peer tutors, and computer-assisted tutorials will be available. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Offered as pass/no pass only. Prerequisite: None. Corequisite: MATH-051 or MATH-051LL.
--Not transferable

MATH 042  Elementary Algebra Lab  1 unit
LEC 8-9/LAB 24-27
This course explores and reinforces the math concepts taught in MATH-090, Elementary Algebra. Activities will help the students gain a better understanding of concepts. Assistance from professional experts and peer tutors is available through the Math Centers. Computer-assisted tutorials will also be available. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Offered as pass/no pass only. Prerequisite: None. Corequisite: MATH-090 or MATH-090A.
--Not transferable

MATH 050  Mind Over Math  3 units
LEC 48-54
An introductory course in arithmetic covering whole numbers, fractions, decimals, primes, order of operations, rate, ratio, proportions, and conversion of percent, decimals and fractions. Students will also discuss issues regarding math anxiety. Prerequisite: None.
--Not transferable

MATH 051  Pre-Algebra  3 units
(decimal formerly Foundations of Mathematics
Pre-Algebra)
LEC 48-54
This course is designed to prepare students for elementary algebra. The course covers basic arithmetic, working with whole numbers, integers, fractions, decimals, and percents. Other topics taught will include conversions within and between the metric and standard systems. Topics in geometry and algebra will be introduced. Prerequisite: MATH-050 (with a grade of C or better) or equivalent assessment score.
--Not transferable

MATH 051LL  Pre-Algebra + Lab  3 units
(decimal formerly Foundations of Mathematics
Pre-Algebra)
LEC 32-36/LAB 48-54
This course is designed to prepare students for Elementary Algebra. The course covers basic arithmetic, working with rational numbers and percentages. Other topics taught will include conversions within and between the metric and standard systems. Topics in geometry and algebra will be introduced. In addition to lecture, the students will also work on lab activities. This course is designed to give students ample time in class to understand the concepts covered in the lecture. Prerequisite: MATH-050 (with a grade of C or better) or Accuplacer score of 45 or better.
--Not transferable

MATH 090  Elementary Algebra  4 units
LEC 64-72
This course prepares the student for transfer-level math courses. Topics for this class include solving absolute value inequalities and radical equations along with systems of equations involving three variables. Other topics include factoring and utilizing the Quadratic Formula. These skills will be applied to set up and solve application problems. Other topics include graphing of conic sections and several types of functions including exponential functions will also be covered. Function notation, domain, range and determining if a relation is a function will be explored. Prerequisite: MATH-090A (with a grade of C or better) or equivalent assessment score.
--Not transferable

MATH 090A  Elementary Algebra Part A  3 units
LEC 48-54
This course is the second half of the year-long Elementary Algebra course. Topics for this class include solving absolute value inequalities and radical equations along with systems of equations involving three variables. Application problems are an essential part of the course. The graphing of conic sections and several types of functions including exponential functions will also be covered. Function notation, domain, range and determining if a relation is a function will be explored. Prerequisite: MATH-090A or MATH-090B (with a grade of C or better) or equivalent assessment score.
--Not transferable

MATH 090B  Elementary Algebra Part B  3 units
LEC 48-54
This course is the second half of the year-long Elementary Algebra course. Topics for this class include solving absolute value inequalities and radical equations along with systems of equations involving three variables. Application problems are an essential part of the course. The graphing of conic sections and several types of functions including exponential functions will also be covered. Function notation, domain, range and determining if a relation is a function will be explored. Prerequisite: MATH-090A or MATH-090B (with a grade of C or better) or equivalent assessment score.
--Not transferable

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 and radical equations along with systems of equations involving three variables. Other topics include factoring and utilizing the Quadratic Formula. These skills will be applied to set up and solve application problems. Other topics include graphing of conic sections and several types of functions including exponential functions will also be covered. Function notation, domain, range and determining if a relation is a function will be explored. Prerequisite: MATH-090A or MATH-090B (with a grade of C or better) or equivalent assessment score.
--Not transferable

MATH 096A  Intermediate Algebra Part A  3 units
LEC 48-54
MATH-096A is the first half of the year-long Intermediate Algebra course. Students will distinguish between the real number sets, solve quadratic, rational, absolute value equations and inequalities, related applications, factor polynomials, simplify expressions containing radicals or rational exponents, evaluate function notation, determine if the graph represents a function and find the domain and range and develop math study skills. Prerequisite: MATH-090A or MATH-090B (with a grade of C or better) or equivalent assessment score.
--Not transferable
Course Descriptions

**MATH 096B**
Intermediate Algebra Part B

MATH-096B, the second half of the year-long Intermediate Algebra course, prepares students for transfer level math courses. Students will solve quadratic, rational, and radical equations, related applications, graph functions, simplify expressions containing rational exponents, construct graphs of conic sections, graph exponential functions and formulate the logarithmic equivalent to an exponential equation and vice versa. This course is designed to give students ample time to learn concepts and to further develop math study skills. Prerequisite: MATH-096A (with a grade of C or better).

--AA/AS General Education: AA/AS G
--Not transferable

**MATH 105**
College Algebra

MATH 105 covers graphing of polynomials, 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 (with a grade of C or better).

--AA/AS General Education: AA/AS G
--Transfers to both UC/CSU
--IGETC Area(s): 2A
--CSU Area(s): B4

**MATH 105H**
Honors College Algebra

MATH 105H covers graphing of polynomials, 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 in the Honors Enrichment Program; MATH-096 (with a grade of C or better).

--AA/AS General Education: AA/AS G
--Transfers to both UC/CSU
--IGETC Area(s): 2A
--CSU Area(s): B4

**MATH 110**
Pre-Calculus

This course is a prerequisite to Calculus I. The topics covered include: a review of selected algebra topics, polynomial functions, rational functions, exponential functions, logarithmic functions, analytic trigonometry, applications of trigonometry, functions and their graphs, conic sections, sequences and series, and proof by mathematical induction. Prerequisite: MATH-105 (with a grade of C or better) or equivalent assessment score.

--AA/AS General Education: AA/AS G
--Transfers to both UC/CSU
--IGETC Area(s): 2A
--CSU Area(s): B4

**MATH 115**
Ideas of Mathematics

This transfer level course is designed for Social Science and Liberal Arts majors. This course covers topics in and applications of sets, counting, probability, statistics and logic. Prerequisite: MATH-096 (with a grade of C or better) or equivalent.

--AA/AS General Education: AA/AS G
--Transfers to both UC/CSU
--IGETC Area(s): 2A
--CSU Area(s): B4

**MATH 135**
Calculus for Social Science and Business

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 equivalent assessment score.

--AA/AS General Education: AA/AS G
--Transfers to both UC/CSU
--IGETC Area(s): 2A
--CSU Area(s): B4

**MATH 140**
Introduction to Statistics

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 (with a grade of C or better) or equivalent assessment score.

--AA/AS General Education: AA/AS G
--Transfers to both UC/CSU
--IGETC Area(s): 2A
--CSU Area(s): B4

**MATH 140H**
Honors Introduction to Statistics

An introduction to the concepts, ideas, and applications of probability and statistics. Math 140H 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: Acceptance in the Honors Enrichment Program and completion of MATH-096 (with a grade of C or better) or equivalent assessment score.

--AA/AS General Education: AA/AS G
--Transfers to both UC/CSU
--IGETC Area(s): 2A
--CSU Area(s): B4

**MATH 211**
Analytic Geometry and Calculus I (formerly Calculus I and Analytic Geometry)

This is a course intended for math, science and engineering majors. This course studies limits, continuity, differentiation of algebraic and trig functions, graphing, related rates, maximum-minimum problems, integration, applications of integration such as areas and volumes, arc-length, and rectilinear motion. Prerequisite: MATH-110 (with a grade of C or better) or equivalent assessment score.

--AA/AS General Education: AA/AS G
--Transfers to both UC/CSU
--IGETC Area(s): 2A
--CSU Area(s): B4

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 212</td>
<td>5</td>
<td>Analytic Geometry and Calculus II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC 80-90</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Concluding the first-year calculus sequence, this course covers differentiation of exponential, logarithmic and inverse trigonometric functions, logarithmic differentiation, techniques of integration, improper integrals, indeterminate forms, L'Hopital's Rule, infinite series, polar coordinates and curves, conic sections, parametric equations and an introduction to separable first order differential equations. Prerequisite: MATH-211 (with a grade of C or better).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--AA/AS General Education: AA/AS G</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--Transfers to both UC/CSU</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--IGETC Area(s): 2A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--CSU Area(s): B4</td>
</tr>
<tr>
<td>MATH 212H</td>
<td>5</td>
<td>Honors Analytic Geometry and Calculus II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC 80-90</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Concluding the first-year calculus sequence, this course covers differentiation of exponential, logarithmic and inverse trigonometric functions, logarithmic differentiation, techniques of integration, improper integrals, indeterminate forms, L'Hopital's Rule, infinite series, polar coordinates and curves, conic sections, parametric equations and an introduction to separable first order differential equations. Prerequisite: Acceptance in the Honors Enrichment Program; MATH-211 (with a grade of C or better).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--AA/AS General Education: AA/AS G</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--Transfers to both UC/CSU</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--IGETC Area(s): 2A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--CSU Area(s): B4</td>
</tr>
<tr>
<td>MATH 213</td>
<td>5</td>
<td>Analytic Geometry and Calculus III</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC 80-90</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--AA/AS General Education: AA/AS G</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--Transfers to both UC/CSU</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--IGETC Area(s): 2A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--CSU Area(s): B4</td>
</tr>
<tr>
<td>MATH 213H</td>
<td>5</td>
<td>Honors Analytic Geometry and Calculus III</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC 80-90</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Vectors in 2 and 3 dimensions, quadric surfaces, partial differentiation, multiple integration, volumes and surface areas, line and surface integrals, Green's and Stoke's Theorem. Prerequisite: Acceptance in the Honors Enrichment Program; MATH-212 (with a grade of C or better).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--AA/AS General Education: AA/AS G</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--Transfers to both UC/CSU</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--IGETC Area(s): 2A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--CSU Area(s): B4</td>
</tr>
<tr>
<td>MATH 215</td>
<td>4</td>
<td>Differential Equations</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC 64-72</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The course covers linear differential equations with constant and variable coefficients, with applications in exponential growth and decay, harmonic motion, and electronics, and Laplace transforms. Prerequisite: MATH-212 (with a grade of C or better) or one year of college level calculus.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--AA/AS General Education: AA/AS G</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--Transfers to both UC/CSU</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--IGETC Area(s): 2A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--CSU Area(s): B4</td>
</tr>
<tr>
<td>MATH 218</td>
<td>4</td>
<td>Linear Algebra</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC 64-72</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Linear Algebra is part of the second-year calculus sequence requirement for transfer into the UC and the CSU systems. This course is for math, science, and engineering majors. This course covers matrix algebra, matrices and linear equations, determinants and their properties, vector spaces and their properties, linear transformations, eigenvalues, eigenvectors, and orthogonal matrices. It also examines related topics and applications. Prerequisite: MATH-211 (with a grade of C or better).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--AA/AS General Education: AA/AS G</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--Transfers to both UC/CSU</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--IGETC Area(s): 2A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--CSU Area(s): B4</td>
</tr>
<tr>
<td>MATH 299</td>
<td>1-3</td>
<td>Special Projects: Math</td>
</tr>
<tr>
<td></td>
<td></td>
<td>IS 16-54</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Students with previous course work in the program may do special projects that involve research and special study. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Math classes; a contract must be completed with the instructor prior to enrollment.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--Transfers to CSU only</td>
</tr>
<tr>
<td>MUL 080</td>
<td>1</td>
<td>Multimedia Lab</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB 48-54</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(formerly Multimedia 2D Design Practicum)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>This course reviews and reinforces the theory and applications taught in the Multimedia courses. This course offers assignment assistance with current course work. Offered as pass/no pass only. This course is offered as Pass/No Pass only. Prerequisite: None.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--Not transferable</td>
</tr>
<tr>
<td>MUL 110</td>
<td>3</td>
<td>Introduction to Multimedia</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LE 48-54</td>
</tr>
<tr>
<td></td>
<td></td>
<td>This survey course addresses digital media techniques to communicate in an electronic and print environment. Students combine text, audio, animation, web pages, images, and video to create interactive products to inform, educate, or entertain. Prerequisite: None. Recommended Preparation: Knowledge of general computer use.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--Transfers to CSU only</td>
</tr>
<tr>
<td>MUL 112</td>
<td>3</td>
<td>Interactive Media Design I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LE 48-54</td>
</tr>
<tr>
<td></td>
<td></td>
<td>This course provides students with web design and development skills. These skills, for both web and portable devices, include accessible and standards-driven design using XHTML and CSS, Information Architecture for information sharing environments, navigation systems, form generation, and electronic communication concepts. The course is one of four core courses applicable to the multimedia certificate and/or degree. Prerequisite: MUL-110 (with a grade of C or better).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--Transfers to CSU only</td>
</tr>
<tr>
<td>MUL 114</td>
<td>3</td>
<td>Multimedia Project Management</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LE 48-54</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(formerly Production Management)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>This multimedia project and production management course provides students with a foundation in project planning, project control, web, video, and animation production principles, and team dynamics. In addition, students will explore information processes and systems that support all multimedia areas. Prerequisite: MUL-122 or MUL-126 (with a grade of C or better).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>--Transfers to CSU only</td>
</tr>
</tbody>
</table>
Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUL 123</td>
<td>3</td>
<td>Video Production I (formerly Digital Video Production I) 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- and video techniques and video editing. Other topics covered in this class include iris/depth-of-field relations, framing for depth perception, applicable frame rates, pre-production paper work, and final authoring to DVD. *Cross-listed as AUD-152. Prerequisite: None. Recommended Preparation: MUL-110 or AUD-140. --Transfers to both UC/CSU</td>
</tr>
<tr>
<td>MUL 125</td>
<td>3</td>
<td>Interactive Motion Media (formerly Scripting for Multimedia) This course provides students with the skills to create professional animations and interactive advertisements. Students will also integrate animated design into websites and incorporate audio and video into self-contained presentations. The course covers drawing and color tools, mastering the essentials of animation, working with type, graphics, sound, video, and scripting using industry-standard animation software. Prerequisite: MUL-110 (with a grade of C or better). --Transfers to CSU only</td>
</tr>
<tr>
<td>MUL 126</td>
<td>3</td>
<td>Time Based Media LEC 32-36/LAB 48-54 This course investigates multiple contexts of video from an artistic point of view. The student will gain a clear understanding of the relationship between the narrative and the visual structure of film/video. Lectures will show many developments and movements of the video medium as well as design elements used to control the narrative content. Students will also develop a work that is experimental in nature, focusing on the sequential process and editing decisions in Time Based Media. *Cross-listed as ART-124. Prerequisite: None. --AA/AS General Education: AA/AS C --Transfers to both UC/CSU</td>
</tr>
<tr>
<td>MUL 131</td>
<td>3</td>
<td>3D Animation (formerly 3D Animation I) 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. Prerequisite: None. --Transfers to CSU only</td>
</tr>
<tr>
<td>MUL 133</td>
<td>3</td>
<td>Production Management - Entertainment LEC 48-54 This conceptual and skills development course is designed to prepare the student to plan and manage projects, such as an advertising campaign, video, TV commercial and movie. They learn to schedule, budget, and breakdown the components of the campaign, based upon a breakdown of script and storyboard requirements, time and resources. Prerequisite: None. --Transfers to CSU only</td>
</tr>
<tr>
<td>MUL 134</td>
<td>3</td>
<td>2D Animation LEC 48-54 This beginning skills development course demonstrates the use of 2D animation techniques to produce works that exhibit the best principles of the entertainment industry. The course covers traditional cell animation, beginning with pencil tests and moving to industry standard software. A variety of stop-motion techniques are also explored. Prerequisite: None. --Not transferable</td>
</tr>
<tr>
<td>MUL 139</td>
<td>3</td>
<td>Advanced Animation LEC 48-54 (formerly 3D Topic-Character) This course covers advanced 2D and 3D animation skills. The focus is on perfecting technical; improving quality and efficiency using industry standard software. Prerequisite: MUL-131 (with a grade of C or better) and MUL-134 (with a grade of C or better). --Transfers to CSU only</td>
</tr>
<tr>
<td>MUL 140</td>
<td>2</td>
<td>Digital Art - Illustration LEC 16-18/LAB 48-54 (formerly ART-140 Digital Illustration) Introduction to digital art processes of creating raw illustrations images using vector graphics. Students will create layout and design projects using current technologies designed for output to print. Emphasis will be placed on the development of aesthetic judgment, style and expressive content in the process of visual communication. May be used as an elective in the Multimedia certificate or in either the Art or Multimedia degree programs. *Cross-listed as ART-130B. Prerequisite: ART-130A or MUL-110 (with a grade of C or better) or demonstrated ability. --Transfers to CSU only</td>
</tr>
<tr>
<td>MUL 149</td>
<td>1-4</td>
<td>Occupational Internship: Multimedia Paid 75-300/Unpaid 60-240 The purpose of this course is to enable eligible students to include supervised on-the-job training as an integral part of the total college educational program. This is accomplished through a planned program of learning experiences which combines academic and vocational learning at school with new learning experiences on the job in an occupational setting. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: 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 Occupational Internship Student Handbook for specific information. --Transfers to CSU only</td>
</tr>
<tr>
<td>MUL 214</td>
<td>4</td>
<td>Practical Production - Entertainment LEC 48-54/LAB 48-54 This advanced course provides the student with real-world production and post-production experiences through the creation of a half-hour television show. Studio and location shooting, video editing and special effects are all activities performed. Throughout the course, the work environment varies from students as individuals, small production teams and the full ensemble. Prerequisite: Student resumes and portfolios are reviewed by 2 Lead Instructors to determine if student will be invited to enroll- a process similar to industry practice. --Transfers to CSU only</td>
</tr>
<tr>
<td>MUL 218</td>
<td>3</td>
<td>Dynamic Web Design LEC 48-54 (formerly Creating &amp; Managing Dynamic Websites) This course provides students with advanced web authoring skills for designing, building and managing dynamic web sites. These skills include Web 2.0, ecommerce, and social networking design, search engine optimization techniques and usability studies. In addition,</td>
</tr>
</tbody>
</table>
students will modify templates, apply CSS, install interactive modules and components within a website, and explore and apply electronic marketing principles and theories. Prerequisite: None. Recommended Preparation: MUL-112.
--Transfers to CSU only

**MUS 106**

**Music Theory II**

3 units

**LEC 48-54**

(formerly Music Theory II—18th and 19th Century Harmony)

This course reviews pitch and rhythm notation, major and minor scales and key signatures, triads and V7 chords. Students will learn 18th century common practice techniques and principles including diatonic 4-part harmonic techniques, progressions, inversions and figured bass, voice leading, non-harmonics, introduction to the basic language of counterpoint, cadences, phrase structures, and elementary analysis. Prerequisite: None. Recommended Preparation: MUS-101 and concurrent enrollment in MUS-175 and concurrent enrollment in a performance ensemble course: MUS-205, MUS-206, MUS-210, MUS-211, MUS-212 or MUS-214.
--Transfers to both UC/CSU
--CSU Area(s): C1

**MUS 229**

**Special Projects: Multimedia**

1-3 units

**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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Multimedia classes; a contract must be completed with the instructor prior to enrollment.
--Transfers to CSU only

**MUL 299**

**Music**

**MUS 100**

**Introduction and Appreciation of Music**

3 units

**LEC 48-54**

This course provides students with a survey of European music styles concentrating on Baroque, Classical, Romantic, and Modern music. The purpose of the course is to develop an understanding of various styles and musical elements, as well as the history and aesthetics of music. Prerequisite: None.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3A
--CSU Area(s): C1

**MUS 101**

**Music Fundamentals**

3 units

**LEC 48-54**

This introductory course is designed for students who have no formal background in music, and for music students without formal theory training. Students will be introduced to the arrangement of the keyboard and staff, and will learn to read and write symbols of musical notation for pitches, rhythms, meters, key signatures, scales, intervals, and chords. Prerequisite: None.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--CSU Area(s): C1

**MUS 103**

**Music Theory I**

3 units

**LEC 48-54**

(formerly Music Theory I—Diatonic Harmony)

This course reviews pitch and rhythm notation, major and minor scales and key signatures, triads and V7 chords. Students will learn 18th century common practice techniques and principles including diatonic 4-part harmonic techniques, progressions, inversions and figured bass, voice leading, non-harmonics, introduction to the basic language of counterpoint, cadences, phrase structures, and elementary analysis. Prerequisite: None. Recommended Preparation: MUS-101 and concurrent enrollment in MUS-175 and concurrent enrollment in a performance ensemble course: MUS-205, MUS-206, MUS-210, MUS-211, MUS-212 or MUS-214.
--Transfers to both UC/CSU
--CSU Area(s): C1

**MUS 104**

**History of Rock & Roll**

3 units

**LEC 48-54**

This course is designed to assist students in developing historical understanding, appreciation, and respect for rock and roll and related derivative musical styles. The course focuses upon the evolutionary development of rock from the 1950s to today. The genres innovators will be discussed and analyzed. Moreover, students will be introduced to and gain an understanding of basic musical concepts through the rich history of this American born music. Prerequisite: None.
--AA/AS General Education: AA/AS C or AA/AS F
--Transfers to both UC/CSU
--IGETC Area(s): 3A
--CSU Area(s): C1

**MUS 107**

**Introduction and Appreciation of American Music**

3 units

**LEC 48-54**

This course is a survey of American styles including jazz, popular music, and art music. 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: None.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3A
--CSU Area(s): C1
### Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 107H</td>
<td>Honors Introduction and Appreciation of American Music</td>
<td>3</td>
<td>None.</td>
</tr>
<tr>
<td>MUS 108</td>
<td>History of Jazz and Blues</td>
<td>3</td>
<td>None.</td>
</tr>
<tr>
<td>MUS 108H</td>
<td>Honors History of Jazz and Blues</td>
<td>3</td>
<td>None.</td>
</tr>
<tr>
<td>MUS 109</td>
<td>World Music</td>
<td>3</td>
<td>None.</td>
</tr>
<tr>
<td>MUS 111</td>
<td>Beginning Piano</td>
<td>1</td>
<td>None.</td>
</tr>
<tr>
<td>MUS 112</td>
<td>Intermediate Piano</td>
<td>1</td>
<td>Acceptance into the Honors Enrichment Program.</td>
</tr>
<tr>
<td>MUS 113</td>
<td>Children's Music</td>
<td>3</td>
<td>None.</td>
</tr>
<tr>
<td>MUS 114</td>
<td>Jazz Improvisation</td>
<td>2</td>
<td>None.</td>
</tr>
<tr>
<td>MUS 115</td>
<td>Beginning Voice Class - Breath/Tone</td>
<td>2</td>
<td>None.</td>
</tr>
<tr>
<td>MUS 116</td>
<td>Beginning Voice Class - Diction and Expression</td>
<td>2</td>
<td>None.</td>
</tr>
<tr>
<td>MUS 118</td>
<td>Applied Music I: Instrumental</td>
<td>1</td>
<td>None.</td>
</tr>
</tbody>
</table>

**Note:** Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
None. Corequisite: MUS-101 or MUS-103 during the first semester of enrollment in MUS-118. Recommended Preparation: Concurrent enrollment in MUS-210, MUS-211, MUS-212 or MUS-214. Other Enrollment Criteria: Demonstrate proficiency on a musical instrument by audition and/or interview. Audition requirement may be fulfilled with enrollment in MUS-210, MUS-211, MUS-212 or MUS-214.

--Transfers to both UC/CSU

**Course Descriptions**

**MUS 125**

**1 unit**

**Guitar I**

LAB 48-54

This course offers individual guitar instruction to students who have no previous training. The course covers a variety of musical styles, including folk, blues, pop, rock, and beginning classical guitar pieces. Students will learn useful techniques, and basic theory. Musical tablature, strumming and picking patterns to accompany voice are taught. Prerequisite: None. Recommended Preparation: MUS-101. Other Enrollment Criteria: The student must provide a classical or folk guitar for his or her own use during the first semester of this course.

--AA/AS General Education: AA/AS C

--Transfers to CSU only

**MUS 127**

**1 unit**

**Guitar II**

LAB 48-54

This course builds on beginning guitar technique, developing students' skills to the intermediate level through individual instruction. Students will learn music from a variety of genres that reinforces various techniques and left hand positions. The student must provide a classical or folk guitar for his or her own use. Prerequisite: MUS-125 (with a grade of C or better).

--AA/AS General Education: AA/AS C

--Transfers to both UC/CSU

**MUS 140**

**3 units**

**Beginning Studio Recording**

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. Prerequisite: None.

--Transfers to CSU only

--CSU Area(s): C1

**MUS 141**

**3 units**

**Intermediate Studio Recording**

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/AUD-140 (with a grade of C or better).

--Transfers to CSU only

--CSU Area(s): C1

**MUS 142**

**3 units**

**Advanced Studio Recording I**

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/AUD-141 (with a grade of C or better).

--Transfers to CSU only

**MUS 143**

**3 units**

**Computer Audio Editing (formerly Advanced Studio Recording II)**

LEC 48-54

This course offers students experience in digital editing using computers and software. The class includes digital recording techniques. *Cross-listed as AUD-143. Prerequisite: AUD/MUS-140 (with a grade of C or better).

--Transfers to CSU only

**MUS 145**

**3 units**

**Midi & Computer Recording**

LEC 48-54

This course offers instruction in music software and basic audio concepts. The primary focus is on recording, mixing, and editing. *Cross-listed as AUD-145. Prerequisite: AUD/MUS-143 (with a grade of C or better).

--Transfers to CSU only

**MUS 146**

**3 units**

**Recording Music and Live Sound**

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-146. Prerequisite: MUS/ AUD-141 (with a grade of C or better).

--Transfers to CSU only

**MUS 147**

**3 units**

**The Music & Audio Business**

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 the differences between bootlegging, piracy and counterfeiting. *Cross-listed as AUD-147 and BADM-147. Prerequisite: None.

--Transfers to CSU only

**MUS 148**

**3 units**

**Radio Production**

LEC 48-54

This course acquaints students with the major aspects of radio production. The course includes information regarding the studio and various types of hardware and software. *Cross-listed as AUD-148. Prerequisite: AUD-141 or MUS-141 (with a grade of C or better).

--Transfers to CSU only

**MUS 150**

**1 unit**

**Intermediate Voice Class**

LAB 48-54

This course builds on the foundational skills learned in the two Beginning Voice classes. The course emphasizes performance and application of the theories of good singing. Students select their own song materials and receive assigned songs from the instructor. Regular vocal solo performance and critique are major components of the course. Prerequisite: MUS-115 and MUS-116 (with a grade of C or better).

--Transfers to both UC/CSU

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Course Descriptions

MUS 151  
Applied Music: Voice I  
(formerly Applied Music: Voice)  
LEC 24-27/LAB 24-27  
1 unit  
This course consists of individualized study of the appropriate techniques and repertoire for the voice. The emphasis is on the progressive development of skills needed for performance. It prepares students for a performance exam for university entry and for public performance. Achievement is evaluated through a juried performance. May be taken 4 times for credit. Prerequisite: Demonstrated proficiency by audition and/or interview and 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 or MUS-254), an appropriate musicianship course (MUS-175, MUS-176, MUS-177 or MUS-178), and a piano course (MUS-111 or MUS-112).

--Transfers to both UC/CSU

MUS 175  
Musicianship I  
LEC 24-27/LAB 24-27  
2 units  
This course exercises sight reading and ear training. Students learn to write and sing melody, harmony, and rhythm. The course includes dictation of simple conjunct and disjunct diatonic melodies, primary harmonies, basic rhythms, and singing of diatonic melodies. This course requires sufficient hearing ability to detect differences in pitch and also the ability to accurately reproduce vocal pitch. Prerequisite: MUS-101 (with a grade of C or better) or equivalent experience that includes reading and writing notes, key signatures and triads as well as rhythmic notation. Recommended Preparation: Concurrent enrollment in MUS-103.

--Transfers to both UC/CSU

MUS 176  
Musicianship II  
LEC 24-27/LAB 24-27  
2 units  
This course continues skills taught in Music 175 using more advanced diatonic and chromatic melodies, harmonies, and complex rhythms. Prerequisite: MUS-175 (with a grade of C or better). Recommended Preparation: Concurrent enrollment in MUS-104.

--Transfers to both UC/CSU

MUS 205  
College Singers  
LEC 24-27/LAB 24-27  
1 unit  
This course is a collegiate choral ensemble that rehearses and performs a variety of choral music styles and formats ranging from traditional Baroque and Classical through Twentieth Century in both concert and popular genres. The organization performs at concerts both on and off campus, and additionally provides opportunities for solo and small ensemble singing. May be taken 2 times for credit. Prerequisite: Demonstrate singing proficiency by audition and/or interview.

--Transfers to both UC/CSU

MUS 206  
Chamber Choir  
LEC 24-27/LAB 24-27  
1 unit  
The Chamber Choir provides a small group vocal performance experience for singers who have previous choral experience. Singers are expected 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 campus and off campus. May be taken 2 times for credit. Prerequisite: Audition conducted at first class meeting. Student must be able to match pitch and sing in tune.

--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU

MUS 207  
Techniques of Musical Theater  
LEC 24-27/LAB 24-27  
3 units  
This course will introduce performance techniques in musical theater. While emphasizing the musical aspects, will also cover dramatic and movement techniques. Prerequisite: By audition.

--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU

MUS 209  
Musical Production  
LAB 48-54  
1-3 units  
This course is designed for the presentation of a musical. Students will learn the preparation of a production including: rehearsal technique, acting, movement, music, dramatic text, and technical theater. *Cross-listed as DAN-209 and THA-209 Prerequisite: By audition and/or interview.

--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU

MUS 210  
Jazz Ensemble I  
(formerly MUS-202 Jazz Ensemble)  
LAB 48-54  
1 unit  
This class is a performance ensemble that prepares students for jazz performance in the professional and university settings. Various styles of music performed may include swing, Latin jazz, bebop, jazz-funk fusion, avant garde, and other styles. The course reinforces all aspects of jazz performance including improvisation, sight reading, intonation, rhythmic interpretation, section and ensemble balances, and stylistic interpretation. The ensemble performs on campus and throughout the community as opportunities arise. May be taken 2 times for credit. Prerequisite: Demonstrate proficiency on a musical instrument by audition or interview.

--Transfers to both UC/CSU

MUS 211  
Jazz Ensemble II  
LAB 48-54  
1 unit  
This course is a continuation of Jazz Ensemble I and focuses on the practices and styles of the professional jazz musician. Jazz Ensemble II reinforces the main concepts discussed in Jazz Ensemble I and students are expected to demonstrate those skills at a higher level. Further, students will be expected to arrange, compose, and improvise in a wide variety of jazz styles. The ensemble performs on campus and throughout the surrounding area as opportunities arise. May be taken 2 times for credit. Prerequisite: Demonstrate proficiency on a musical instrument by audition and/or interview.

--Transfers to both UC/CSU

MUS 212  
Instrumental Chamber Music  
LAB 48-54  
1 unit  
This instrumental music group rehearses and performs selections from standard classical repertoire, as well as modern compositions. Musical instruments may include members of the brass, woodwind, string, percussion, and keyboard families. May be taken 4 times for credit. Prerequisite: None. Other Enrollment Criteria: Demonstrate proficiency on a musical instrument by audition and/or interview.

--AA/AS General Education: AA/AS C  
--Transfers to CSU only

MUS 214  
Guitar Ensemble  
LAB 48-54  
1 unit  
This course is a study of classical guitar technique and performance practice within an ensemble. Different genres of guitar related music will be explored through concerts, master classes, and workshops

Mt. San Jacinto College 2013-2014 Catalog

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Nursing

NURS 084R 0.50-1 units
Nursing Skills Laboratory-Remediation
This course provides the student with an opportunity to enroll in the Nursing Skills Laboratory for remediation in the practice and mastery of skills necessary for safe patient care. Remediation activities will follow the student learning outcomes addressed in the course the student was enrolled in prior to dismissal from program. Approved as pass/no pass only. Prerequisite: Nursing (RN and LVN) Program Probationary. Requires Instructor Consent. Other Enrollment Criteria: Enrollment shall occur during the same semester that they were dismissed from the Associate Degree Nursing or Vocational Nursing Program.
--Not transferable

NURS 084A 0.50-2 units
Nursing Skills Lab - Certified Nursing Assistant LAB 24-108
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 and equipment, models and manikins, multimedia, computer-based instruction and clinical supervision. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Approved as pass/no pass only. Prerequisite: None. Corequisite: NURS-085; NURS-087, or enrollment in a phlebotomy program.
--Not transferable

NURS 084C 0.50-2 units
Nursing Skills Lab - Registered Nurse LAB 24-108
This course provides the opportunity for students enrolled in the skill based Registered Nursing courses to practice and master skills necessary for safe patient care. Materials used include practice medical supplies, equipment models, mannequins, multimedia computer based instruction, and clinical supervision. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Offered as pass/no pass only. Prerequisite: None. Corequisite: Must be enrolled in the RN program.
--Not transferable

NURS 085 7.5 units
Certified Nursing Assistant and Home Health Aide
This is a 200-hour course including lecture and clinical practice which prepares students to take the state certification as a Nursing Assistant and Certified Home Health Aide. Prerequisite: None. Corequisite: NURS-084A; 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.
--Not transferable

NURS 087 3 units
CNA to Acute Care Nursing Aide LEC 24-27/LAB 72-81
This course provides training in fundamental nursing skills and theory. The course is designed for the certified nurse assistant who desires to supplement training with emphasis in acute care. Prerequisite: CNA Certification.
--Not transferable

NURS 100 3 units
Introduction to Anatomy and Physiology LEC 48-54
This course provides a basic overview of the structure and function of the body for allied health students or those who desire a basic understanding of the human body. The content includes the anatomy and physiology as systems approach and includes selected homeostatic mechanisms and pathologies where appropriate. *Cross-listed as ANAT-100. Prerequisite: None.
--AA/AS General Education: AA/AS A
--Transfers to both UC/CSU
--CSU Area(s): B2

NURS 182 1 unit
Dosage Calculations for Allied Health LEC 16-18
This course is for students in Allied Health who will administer medications. Calculations are taught using one simple formula, desired dose, over have (D/H). Prerequisite: None.
--Transfers to CSU only

NURS 194 3.5 units
Pharmacology & Dosage Calculations for Nurses 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
### Course Descriptions

<table>
<thead>
<tr>
<th>Code</th>
<th>Units</th>
<th>Title</th>
<th>Code</th>
<th>Units</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 212</td>
<td>4</td>
<td>Foundations of Nursing</td>
<td>NURS 232</td>
<td>3</td>
<td>Role Transition</td>
</tr>
<tr>
<td>LEC 32-36/LAB 96-108</td>
<td></td>
<td>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. --Transfers to CSU only</td>
<td>LEC 32-36/LAB 48-54</td>
<td></td>
<td>This course focuses 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. This course will serve as a bridge for the LVN to the role of Associate Degree Nursing Student and for the advanced placement student transitioning from other Associate Degree Programs. Prerequisite: Admission criteria to the Associate Degree Nursing program. Other Enrollment Criteria: Licensed Vocational Nurse or advanced placement student. Corequisite: NURS-084C. --Transfers to CSU only</td>
</tr>
<tr>
<td>NURS 214</td>
<td>4</td>
<td>Introduction to Medical-Surgical Nursing I</td>
<td>NURS 234</td>
<td>5</td>
<td>Intermediate Medical-Surgical Nursing III</td>
</tr>
<tr>
<td>LEC 32-36/LAB 96-108</td>
<td></td>
<td>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. Prerequisites: NURS-194 and NURS-212 (with a grade of C or better). Corequisite: NURS-084C. --Transfers to CSU only</td>
<td>LEC 40-45/LAB 120-135</td>
<td></td>
<td>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 (with a grade of C or better). Corequisite: NURS-084C. --Transfers to CSU only</td>
</tr>
<tr>
<td>NURS 222</td>
<td>3.5</td>
<td>Nursing Care of Children &amp; Families</td>
<td>NURS 236</td>
<td>3</td>
<td>Mental Health Nursing</td>
</tr>
<tr>
<td>LEC 32-36/LAB 72-81</td>
<td></td>
<td>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 in on the concepts and skills related to age-appropriate family centered care. Prerequisite: Admission requirements to the RN program. Corequisite: NURS-084C. --Transfers to CSU only</td>
<td>LEC 24-27/LAB 72-81</td>
<td></td>
<td>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: PSYC-101 (with a grade of C or better). Corequisite: NURS-084C. --Transfers to CSU only</td>
</tr>
<tr>
<td>NURS 224</td>
<td>5</td>
<td>Beginning Medical-Surgical Nursing II</td>
<td>NURS 238</td>
<td>2</td>
<td>Gerontology and Community Nursing</td>
</tr>
<tr>
<td>LEC 40-45/LAB 120-13</td>
<td></td>
<td>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). Corequisite: NURS-084C. --Transfers to CSU only</td>
<td>LEC 16-18/LAB 48-54</td>
<td></td>
<td>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: None. Corequisite: NURS-084C. --Transfers to CSU only</td>
</tr>
<tr>
<td>NURS 226</td>
<td>3.5</td>
<td>Nursing of Childbearing &amp; Families</td>
<td>NURS 244</td>
<td>4</td>
<td>Advanced Medical-Surgical Nursing IV</td>
</tr>
<tr>
<td>LEC 32-36/LAB 72-81</td>
<td></td>
<td>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 emphasize refinement of critical thinking, decision making, psychomotor skills and management of care for evidence based practice in the roles of professional nursing. Prerequisite: Admission requirements to the RN program. Corequisite: NURS-084C. --Transfers to CSU only</td>
<td>LEC 32-36/LAB 96-108</td>
<td></td>
<td>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). Corequisite: NURS-084C. --Transfers to CSU only</td>
</tr>
</tbody>
</table>

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Description</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NURS 248</strong></td>
<td>2.5 units</td>
<td>Preceptorship</td>
<td>LAB 120-135</td>
</tr>
<tr>
<td><strong>NUTR 100</strong></td>
<td>3 units</td>
<td>Family Nutrition</td>
<td>LEC 48-54</td>
</tr>
<tr>
<td><strong>NURS 101</strong></td>
<td>3 units</td>
<td>Nutrition and Foods</td>
<td>LEC 48-54</td>
</tr>
<tr>
<td><strong>NUTR 101H</strong></td>
<td>3 units</td>
<td>Honors Nutrition and Foods</td>
<td>LEC 48-54</td>
</tr>
<tr>
<td><strong>NUTR 100H</strong></td>
<td>3 units</td>
<td>Honors Family Nutrition</td>
<td>LEC 48-54</td>
</tr>
<tr>
<td><strong>NUTR 299</strong></td>
<td>1-3 units</td>
<td>Special Projects: Nursing</td>
<td>IS 16-54</td>
</tr>
</tbody>
</table>

**Occupational Internship**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Description</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OI 149</strong></td>
<td>1-4 units</td>
<td>Occupational Internship</td>
<td>Paid 75-300/Unpaid 60-240</td>
</tr>
</tbody>
</table>

**Philosophy**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Description</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PHIL 101</strong></td>
<td>3 units</td>
<td>Introduction to Philosophy I</td>
<td>LEC 48-54</td>
</tr>
<tr>
<td><strong>PHIL 101H</strong></td>
<td>3 units</td>
<td>Honors Introduction to Philosophy I</td>
<td>LEC 48-54</td>
</tr>
</tbody>
</table>

---

Course Descriptions

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.

Mt. San Jacinto College 2013-2014 Catalog

271
Course Descriptions

PHIL 103  
Logic  
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, soundness, rules of inference, logical puzzles, diagramming arguments and Venn diagrams. The course will stress the critical analysis of arguments and critical reasoning skills. Prerequisite: MATH-096 (with a grade of C or better).  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--CSU Area(s): A3

PHIL 103H  
Honors Logic  
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, soundness, rules of inference, logical puzzles, diagramming arguments and Venn diagrams. The course will stress the critical analysis of arguments and critical reasoning skills. Prerequisite: Acceptance in the Honors Enrichment Program and MATH-096 (with a grade of C or better).  
--AA/AS General Education: AA/AS D2  
--Transfers to both UC/CSU  
--CSU Area(s): A3

PHIL 104  
World Religions  
LEC 48-54  
This course is an introduction to the main religions of the world: Judaism, Buddhism, Confucianism, Taoism, Shinto, Islam, Judaism and Christianity. This course also offers an objective, critical study of the essential beliefs and practices of these religions. Prerequisite: None.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

PHIL 105  
Introduction to Ethics  
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, whether morality is relative to different cultures, the limits of moral obligations to others, contemporary moral issues such as famine and the distribution of wealth and the application of moral values to our everyday life. Some of the philosophers studied are Plato, Immanuel Kant, David Hume, Friedrich Nietzsche, Jean Paul Sartre, Peter Singer, and James Rachels. Prerequisite: Acceptance into the Honors Enrichment Program.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

PHIL 109  
Ancient and Medieval Philosophy  
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. Prerequisite: None. Recommended Preparation: Eligibility for ENGL-101.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

PHIL 110  
Renaissance and Modern Philosophy  
LEC 48-54  
This course studies the philosophic systems and ideas from the renaissance through the modern period which have had a dominant impact on Western civilization with special emphasis on Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, Kant and Schopenhauer. Prerequisite: None. Recommended Preparation: Eligibility for ENGL-101.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

PHIL 111  
Contemporary Philosophy  
LEC 48-54  
Critical study of the major philosophical movements of the late 19th, 20th and early 21st centuries, including existentialism and continental philosophy, linguistic analysis, hermeneutics, positivism, and pragmatism. Contemporary issues in philosophy of mind, epistemology, and political and social philosophy are also studied. Some philosophers that may be studied include Soren Kierkegaard, Friedrich Nietzsche, Jean-Paul Sartre, Bertrand Russell, Ludwig Wittgenstein, Jurgen Habermas, Daniel Dennett, John Hopsers, James Rachels, Peter Singer, Ayn Rand, and John Rawls. Prerequisite: None. Recommended Preparation: Eligibility for ENGL-101.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

PHIL 111H  
Honors Contemporary Philosophy  
LEC 48-54  
Critical study of the major philosophical movements of the late 19th, 20th and early 21st centuries, including existentialism and continental philosophy, linguistic analysis, hermeneutics, positivism, and pragmatism. Contemporary issues in philosophy of mind, epistemology, and political and social philosophy are also studied. Some philosophers that may be studied include Soren Kierkegaard, Friedrich Nietzsche, Jean-Paul Sartre, Bertrand Russell, Ludwig Wittgenstein, Jurgen Habermas, Daniel Dennett, John Hopsers, James Rachels, Peter Singer, Ayn Rand, and John Rawls. Prerequisite: None. Recommended Preparation: Eligibility for ENGL-101.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
PHOT 091  1 unit
Professional Production Studio Laboratory  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. Prerequisite: PHOT-225 (with a grade of C or better).
--Not transferable

PHOT 125  3 units
Digital Photography Production I  LEC 48-54
This course provides practical, technical, critical and creative instruction in digital photographic theory and workflow utilizing digital imaging software and capture equipment. It covers fundamental photographic principles, theory and exposure essentials, referencing the evolution of the photographic industry from traditional to digital tools. 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. Prerequisite: None. Recommended Preparation: MUL-110.
--Transfers to UC/CSU

PHOT 224  3 units
Digital Photography Production II  LEC 48-54
This course is designed to elevate the student to a professional level of photography and then covers the birth and advancements of the digital light sensor and its possibilities for the future. Prerequisite: None.
--Not transferable

PHIL 112  4 units
Critical Thinking and Composition  LEC 64-72
(formerly Methods of Argument)
This course focuses on studying the structure of argument, the detection of common argument fallacies, the creation of cogent, valid argument, and the acquisition of skills needed to translate clearly constructed arguments into argumentative essays. Students will study inductive and deductive logic, valid and invalid argument forms, the difference between fact, judgment and belief, and the importance definition plays in constructing strong arguments. Prerequisite: ENGL-101 (with a grade of C or better).
--AA/AS General Education: AA/AS C or AA/AS D2
--Transfers to UC/CSU
--IGETC Area(s): 3B
--CSU Area(s): C2

PHIL 112H  4 units
Honors Critical Thinking and Composition  LEC 64-72
This course focuses on studying the structure of argument, the detection of common argument fallacies, the creation of cogent, valid argument, and the acquisition of skills needed to translate clearly constructed arguments into argumentative essays. Students will study inductive and deductive logic, valid and invalid argument forms, the difference between fact, judgment and belief, and the importance definition plays in constructing strong arguments. Prerequisite: Acceptance in the Honors Enrichment Program; ENGL-101 (with a grade of C or better).
--AA/AS General Education: AA/AS C or AA/AS D2
--Transfers to UC/CSU
--IGETC Area(s): 1B
--CSU Area(s): A3

PHIL 299  1-3 units
Special Projects: Philosophy  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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Philosophy classes; a contract must be completed with the instructor prior to enrollment.
--Transfers to CSU only

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Course Descriptions

PHOT 225
Digital Photography Production III
LEC 48-54
This course offers advanced photographic field and studio concentrations and is the capstone course in photography. These topics are designed to offer the advanced student intensive and extensive immersion in studio and location challenges and related techniques specifically tailored to their needs. The student will visit service bureaus, work in the studio, and on location under instructor and self-assignment. High quality digital output is integral to this course. Prerequisite: MUL-224/PHOT-224 (with a grade of C or better).
--Transfers to CSU only

PHOT 299
Special Projects: Photography
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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: PHOT-124, PHOT-224, and PHOT-225 (with a grade of C or better). A contract must also be completed with the instructor prior to enrollment.
--Transfers to CSU only

Physical Education

PE 100
Introduction to Physical Education
LEC 48-54
This is an orientation course designed to survey the history, philosophy and related sport and fitness issues related to physical education. The responsibilities of the physical education instructor and sports coach will be investigated and the role of the physical educator within recreation, school and community health services will be researched and identified. Prerequisite: None. Recommended Preparation: READ-063.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

PE 104
Introduction to Athletic Techniques: Basketball
LEC 16-18/LAB 48-54
This course offers techniques, skills and theory with emphasis on the role of body fitness in critical analysis of athletics and coaching methods. Course designed for students who plan on actively playing or coaching basketball. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

PE 106
Officiate Basketball/Baseball
LEC 48-54
Theory and practice combined in a study of the techniques and organization of sports and officiating are emphasized. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

PE 108
Athletic Techniques: Soccer
LEC 16-18/LAB 48-54
This course offers techniques, skills and theory with emphasis on the role of body fitness in critical analysis of athletics and coaching methods. Course designed for students who plan on actively playing or coaching soccer. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

PE 110
Prevention and Care of Athletic Injuries
LEC 48-54
(formerly Prevention and Care of Injuries)
This course introduces the Athletic Training profession and the methods and techniques for the prevention and treatment of sport-related injuries through the study of human anatomy and function with particular respect to muscle and joint anatomy, biomechanics, exercise physiology and the care of sports-related injuries. This course focuses on injury prevention, evaluation, management, and rehabilitation, as well as professional development. Prerequisite: None.
--AA/AS General Education: AA/AS A or AA/AS E
--Transfers to both UC/CSU

PE 112
Body Conditioning
LAB 48-54
This course provides a series of activities designed to establish a life-long physical fitness program which requires walking, jogging, jumping rope, strength training, stretching and callisthenic exercises. Completing alternative exercises that match their need and ability levels will accommodate students with temporary or permanent physical limitations. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

PE 112A
Beginning Step Aerobics
LAB 48-54
This course is designed to provide the students the opportunity to learn basic step aerobics routines and training techniques used to achieve optimal fitness. 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. The student will explore the health benefits of aerobic fitness to facilitate personal health and wellness. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

PE 112H
Honors Body Conditioning
LAB 48-54
This course provides a series of activities designed to establish a life-long physical fitness program which requires walking, jogging, jumping rope, strength training, stretching and callisthenic exercises. Completing alternative exercises that match their need and ability levels will accommodate students with temporary or permanent physical limitations. Prerequisite: Acceptance in the Honors Enrichment Program.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

PE 113
Introduction to Jogging
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 of jogging, guidelines of jogging and how to develop a sound, personal jogging program. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
PE 114A  1 unit
Strength Training: Circuit
LAB 48-54
Circuit weight training 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 techniques involve moving from one exercise to another, identifying and working different muscle groups while incorporating cardio stations and stretch stations with an understanding of the target heart rate training zone. Proper safety precautions will be introduced and implemented throughout this course. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

PE 114B  1 unit
Strength Training: Free Weights
LAB 48-54
An introduction and review of equipment, safety techniques, correct exercise technique and the basic anatomy used for specific exercises. Proper diet and nutritional principles applicable to strength training will be introduced and applied to the individual needs of each student. This class will provide the opportunity to further develop strength, flexibility and cardiovascular fitness by developing an individualized program that will incorporate daily record keeping, evaluation and measurement to ensure success in meeting personalized objectives. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

PE 114C  1 unit
Powerlifting
LAB 48-54
An introduction and review of basic weight training principles, the history of powerlifting, equipment, safety techniques, and the basic anatomy used for specific exercises. 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 personalized and course objectives. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

PE 115  3 units
First Aid and CPR
(formerly First Aid)
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. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

PE 116  2 units
Introduction to Athletic Techniques: Softball
LEC 16-18/LAB 48-54
Techniques, skills and analysis of athletics and coaching methods as they relate to softball. This course is designed for students who plan on actively playing or coaching softball. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

PE 119  1 unit
Exercise Walking
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. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

PE 119B  2 units
Intermediate Fitness Walking
LEC 16-18/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 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. Prerequisite: None. Recommended Preparation: PE-119.
--AA/AS General Education: AA/AS E
--Not transferable

PE 120  1 unit
Beginning Yoga
LAB 48-54
This class 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. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

PE 121  3 units
Techniques of Coaching
LEC 32-36/LAB 48-54
This course covers coaching techniques with emphasis on drill progression or teaching procedures. Students will have the opportunity to participate in the development of a grading plan and supervise students in classes. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

PE 122  2 units
Introduction to Football
LEC 16-18/LAB 48-54
This course provides instruction in the skills, techniques, strategy, etiquette, and rules of football. This course is designed to be interesting, to improve physical fitness, and to teach carryover skills. Course includes beginning levels. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

PE 123  2 units
Football II
LEC 16-18/LAB 48-54
This course provides instruction in the skills, techniques, strategy, etiquette, and rules of football. This course is designed to be interesting, to improve physical fitness, and to teach carryover skills. Course includes beginning levels. Prerequisite: PE-122 (with a grade of C or better).
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU
### Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 124A</td>
<td>3 units</td>
<td>None. Recommended Preparation: PE-122.</td>
</tr>
<tr>
<td>Theory of Football-Offense</td>
<td>LEC 48-54</td>
<td>Co-educational soccer class designed to develop physical fitness, soccer skill performance, player confidence, rule interpretation, comprehension of strategy and field communication. Prerequisite: None.</td>
</tr>
<tr>
<td>Individual and Group Sports: Soccer</td>
<td>LAB 48-54</td>
<td>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. Prerequisite: None.</td>
</tr>
<tr>
<td>Introduction to Physical Training I</td>
<td>LEC 16-18/LAB 96-108</td>
<td>A course designed to meet the needs of those students who wish to gain a high level of fitness in order to participate in intensely vigorous physical activity. The course is set up to achieve the desired physiological results in a short time through concentrated effort. Due to the time involved and the nature of the experience, it will be offered at times not to conflict with regular semester classes. Prerequisite: None.</td>
</tr>
<tr>
<td>PE 124B</td>
<td>3 units</td>
<td>None. Recommended Preparation: PEIC-112.</td>
</tr>
<tr>
<td>Theory of Football-Defense</td>
<td>LEC 48-54</td>
<td>This course is designed to promote the advancement of skills in cheer technique, conditioning, jumping, stunting, and dance through training and experience, while developing leadership and cooperation, and improving school spirit. Students will explore practical and theoretical aspects of competitive and non-competitive cheer-leading, and acquire knowledge and practical understanding of the skills needed to perform. Safety precautions will be implemented throughout this course. Students repeating this course will improve skills through further instruction and practice. Prerequisite: By audition and interview, physician's clearance and completion of eligibility forms.</td>
</tr>
<tr>
<td>PE 125</td>
<td>3 units</td>
<td>None. Recommended Preparation: PE-122.</td>
</tr>
<tr>
<td>Strength and Conditioning for Football</td>
<td>LEC 16-18/LAB 96-108</td>
<td>This course is designed to promote the advancement of skills in cheer technique, conditioning, jumping, stunting, and dance through training and experience, while developing leadership and cooperation, and improving school spirit. Students will explore practical and theoretical aspects of competitive and non-competitive cheer-leading, and acquire knowledge and practical understanding of the skills needed to perform. Safety precautions will be implemented throughout this course. Students repeating this course will improve skills through further instruction and practice. Prerequisite: By audition and interview, physician's clearance and completion of eligibility forms.</td>
</tr>
<tr>
<td>PE 132</td>
<td>1 unit</td>
<td>None. Recommended Preparation: PEIC-112.</td>
</tr>
<tr>
<td>Beginning Tennis</td>
<td>LAB 48-54</td>
<td>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. Prerequisite: None.</td>
</tr>
<tr>
<td>PE 133</td>
<td>1 unit</td>
<td>Individual and Group Sports: Basketball</td>
</tr>
<tr>
<td>PE 134</td>
<td>1 unit</td>
<td>Individual and Group Sports: Volleyball</td>
</tr>
<tr>
<td>PE 135</td>
<td>1 unit</td>
<td>Intramural Volleyball</td>
</tr>
<tr>
<td>PE 136</td>
<td>1 unit</td>
<td>Individual and Group Sports: Golf</td>
</tr>
<tr>
<td>PE 137</td>
<td>1 unit</td>
<td>Individual and Group Sports: Tennis</td>
</tr>
<tr>
<td>PE 138</td>
<td>1 unit</td>
<td>Pep Squad</td>
</tr>
<tr>
<td>PE 158</td>
<td>3 units</td>
<td>Pep Squad</td>
</tr>
<tr>
<td>PE 160</td>
<td>3 units</td>
<td>Introduction to Physical Training I</td>
</tr>
<tr>
<td>PE 161</td>
<td>3 units</td>
<td>Physical Training II</td>
</tr>
</tbody>
</table>
Mt. San Jacinto College 2013-2014 Catalog

Course Descriptions

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.

--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

Pre-Season Athletics LEC 16-18/LAB 96-108
This course is designed for pre-season sports 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. May be taken 4 times for credit. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

Introduction and Techniques of Golf LEC 16-18/LAB 48-54
This course offers techniques, skills and theory with emphasis on the role of body fitness in critical analysis of athletics and coaching methods. Course designed for students who plan on actively playing or coaching golf. May be taken 4 times for credit. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

Intensive Intercollegiate Athletics LEC 16-18/LAB 96-108
This course is designed for intensive intercollegiate athletics preparation including strength training, conditioning, and sport specific techniques necessary to compete in a competitive environment. In addition, this course will stress intensive cognitive preparation required to be successful in intercollegiate athletics including rules and strategies as well as psychological and emotional preparation for the rigors of intercollegiate competition. This intensive course is orientated towards individual physical and mental development as well as the growth of team. May be taken 4 times for credit. Prerequisite: Students planning and preparing to compete in Intercollegiate athletics must be healthy enough to pass a physician’s examination and complete an instructor interview.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

Off-Season Athletics LEC 16-18/LAB 96-108
This course is intended for off-season sports 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. May be taken 4 times for credit. 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.
--AA/AS General Education: AA/AS E
--Transfers to CSU only

Intercollegiate Sports: Soccer (Women) LAB 96-108
Open to students who are actively participating in intercollegiate competition and to students who act as support personnel, such as managers and statisticians. Enrollment does not automatically use a semester of eligibility. May be taken 4 times for credit. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

Intercollegiate Sports: Football (Men) LAB 144-162
This advanced 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. May be taken 4 times for credit. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

Intercollegiate Sports: Basketball (Men) LAB 144-162
This advanced course is for students who have had significant training in basketball 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 basketball skills and techniques. Students will participate in college sponsored athletic competitions throughout this course. May be taken 4 times for credit. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

Intercollegiate Sports: Volleyball (Women) LAB 96-108
Open to students who are actively participating in intercollegiate competition and to students who act as support personnel, such as managers and statisticians. Enrollment does not automatically use a semester of eligibility. May be taken 4 times for credit. Prerequisite: None.
--AA/AS General Education: AA/AS E
--Transfers to both UC/CSU

Mt. San Jacinto College 2013-2014 Catalog

277
Course Descriptions

PE 143  
Intercollegiate Sports: Basketball (Women)  LAB 144-162  
This advanced course is for students who have had significant training in basketball 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 basketball skills and techniques. Students will participate in college sponsored athletic competitions throughout this course. May be taken 4 times for credit. Prerequisite: None.  
--AA/AS General Education: AA/AS E  
--Transfers to both UC/CSU

PE 144  
Intercollegiate Sports: Baseball (Men)  LAB 144-162  
This advanced 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 primary 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. May be taken 4 times for credit. Prerequisite: None.  
--AA/AS General Education: AA/AS E  
--Transfers to both UC/CSU

PE 145  
Intercollegiate Sports: Tennis (Men)  LAB 144-162  
This advanced 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. May be taken 4 times for credit. Prerequisite: None.  
--AA/AS General Education: AA/AS E  
--Transfers to both UC/CSU

PE 146  
Intercollegiate Sports: Tennis (Women)  LAB 144-162  
This advanced 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. May be taken 4 times for credit. Prerequisite: None.  
--AA/AS General Education: AA/AS E  
--Transfers to both UC/CSU

PE 147  
Intercollegiate Sports: Golf  LAB 96-108  
Open to students who are actively participating in intercollegiate competition and to students who act as support personnel, such as managers and statisticians. Enrollment does not automatically use a semester of eligibility. May be taken 4 times for credit. Prerequisite: None.  
--AA/AS General Education: AA/AS E  
--Transfers to both UC/CSU

PE 148  
Intercollegiate Sports: Softball (Women)  LAB 144-162  
This advanced course in softball is designed for students with significant training in softball to participate in NCAA Fastpitch Softball. Season of competition begins in January and ends in May. Course includes rigorously intense 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 be part of the team, but not compete in games. May be taken 4 times for credit. Prerequisite: None.  
--AA/AS General Education: AA/AS E  
--Transfers to both UC/CSU

Physics

PHY 100  
Conceptual Physics  LEC 48-54  
This course provides a conceptual introduction to the basic physics of everyday life. Topics include mechanics, heat, electricity and magnetism, optics and sound, and other modern physics topics. The course is designed for liberal arts majors and medical technicians. Prerequisite: None.  
--AA/AS General Education: AA/AS A  
--Transfers to both UC/CSU  
--IGETC Area(s): 5A  
--CSU Area(s): B1

PHY 101  
Basic Physics: Energy and Motion  LEC 48-54/LAB 48-54  
This course provides a non-calculus based introduction to the basic physics of motion and thermodynamics. It covers the general principles of mechanics, heat and fluid dynamics. The course is designed for pre-dental and pre-optometry students, as well as for students with a general interest in science. Prerequisite: MATH-105 (with a grade of C or better).  
--AA/AS General Education: AA/AS A  
--Transfers to both UC/CSU  
--IGETC Area(s): 5A, 5C  
--CSU Area(s): B1, B3

PHY 102  
Basic Electricity and Modern Physics  LEC 48-54/LAB 48-54  
This course is the study of the principles of electricity and magnetism, the properties of light, the theory of relativity and nuclear physics. It is designed for pre-dental and pre-optometry students, as well as for students with a general interest in science. Prerequisite: PHY-101 (with a grade of C or better).  
--AA/AS General Education: AA/AS A  
--Transfers to both UC/CSU  
--IGETC Area(s): 5A, 5C  
--CSU Area(s): B1, B3

PHY 201  
Mechanics and Wave Motion  LEC 48-54/LAB 48-54  
This course is a calculus based study of statics and dynamics of particles, solid bodies, along with fluid mechanics and wave motion. It is designed primarily for students who plan to major in physics, engineering, chemistry, mathematics or life sciences. It is also designed for pre-medical students. Prerequisite: MATH-211 (with a grade of C or better).  
--AA/AS General Education: AA/AS A  
--Transfers to both UC/CSU  
--IGETC Area(s): 5A, 5C  
--CSU Area(s): B1, B3

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
### Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Prerequisites</th>
<th>Credit Areas</th>
<th>Transferable to</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 202</td>
<td>Electricity and Magnetism</td>
<td>4 units</td>
<td>MATH-212 or higher</td>
<td>--CSU Area(s): D8, IGETC Area(s): 4H</td>
<td>Transfers to both UC/CSU</td>
<td>Designed for engineering and physical sciences students. Covers topics in thermodynamics including temperature, heat, and the laws of thermodynamics; and the kinetic theory of gases. Also covers topics in 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 current; and circuits. Prerequisite: PHY-201 (with a grade of C or better). Corequisite: MATH-212 or higher.</td>
</tr>
<tr>
<td>PHY 202H</td>
<td>Honors Electricity and Magnetism</td>
<td>4 units</td>
<td>Acceptance in the Honors Enrichment Program</td>
<td>--IGETC Area(s): 5A, 5C</td>
<td>CSU Area(s): B1, B3</td>
<td>Designed for engineering and physical sciences students. Covers topics in thermodynamics including temperature, heat, and the laws of thermodynamics; and the kinetic theory of gases. Also covers topics in 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 current; and circuits. Prerequisite: Acceptance in the Honors Enrichment Program; PHY-201 (with a grade of C or better). Corequisite: MATH-212 or higher.</td>
</tr>
<tr>
<td>PHY 203</td>
<td>Optics and Modern Physics</td>
<td>4 units</td>
<td>Acceptance in the Honors Enrichment Program</td>
<td>--IGETC Area(s): 5A, 5C</td>
<td>CSU Area(s): B1, B3</td>
<td>This course is a calculus based study of optics, and modern physics. Subjects covered include Geometrical and Physical Optics, Special Relativity, Quantum Physics, Atomic Physics, Nuclear Physics and Particle Physics. Prerequisite: PHY-202 (with a grade of C or better).</td>
</tr>
<tr>
<td>PHY 299</td>
<td>Special Projects: Physics</td>
<td>1-3 units</td>
<td>Previous Physics classes; a contract must be completed with the instructor prior to enrollment</td>
<td>--CSU Area(s): B1, B3</td>
<td>Transfers to CSU only</td>
<td>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. Note: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Physics classes; a contract must be completed with the instructor prior to enrollment.</td>
</tr>
<tr>
<td>PS 101H</td>
<td>Honors Introduction to American Government and Politics</td>
<td>3 units</td>
<td>Acceptance in the Honors Enrichment Program</td>
<td>--IGETC Area(s): 4H</td>
<td>CSU Area(s): D8</td>
<td>An introduction to the politics, principles, theories and practices of the governments of the United States and California. It meets the state requirement in American political institutions. This course, in combination with any U.S. History course, will meet all state requirements in American history. Prerequisite: Acceptance in the Honors Enrichment Program.</td>
</tr>
<tr>
<td>PS 102</td>
<td>Comparative Politics and Government</td>
<td>3 units</td>
<td>Acceptance in the Honors Enrichment Program</td>
<td>--IGETC Area(s): 4H</td>
<td>CSU Area(s): D8</td>
<td>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 political socialization, political culture, and political 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).</td>
</tr>
<tr>
<td>PS 102H</td>
<td>Honors Comparative Politics and Government</td>
<td>3 units</td>
<td>Acceptance in the Honors Enrichment Program</td>
<td>--IGETC Area(s): 4H</td>
<td>CSU Area(s): D8</td>
<td>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 political socialization, political culture, and political ideology in political development; a discussion of intra-national conflicts; and the problems of developing-world nation building. Prerequisite: Acceptance in the Honors Enrichment Program and PS-101 (with a grade of C or better).</td>
</tr>
<tr>
<td>PS 103</td>
<td>Ethnic Politics in America</td>
<td>3 units</td>
<td>Acceptance in the Honors Enrichment Program</td>
<td>--IGETC Area(s): 4C, 4H</td>
<td>CSU Area(s): D3, D8</td>
<td>The 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 and their future. The ethnic groups to be reviewed will include Blacks, Latinos, Asians, and Native Americans. Their experience will be compared and contrasted to that of European immigrant ethnic groups. Prerequisite: PS-101 (with a grade of C or better).</td>
</tr>
</tbody>
</table>

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Course Descriptions

**PS 103H**
**Honors Ethnic Politics in America**

LEC 48-54

The 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 and their future. The ethnic groups to be reviewed will include Blacks, Latinos, Asians, and Native Americans. Their experience will be compared and contrasted to that of European immigrant ethnic groups. Prerequisite: PS-101 (with a grade of C of better) and acceptance in the Honors Enrichment Program.

--- AA/AS General Education: AA/AS B2 or AA/AS F
--- Transfers to both UC/CSU
--- IGETC Area(s): 4C, 4H
--- CSU Area(s): D3, D8

**PS 104**
**Current Political Issues and Trends**

LEC 48-54

This course is a discussion of current national, political, and social trends and issues with an emphasis on their historical, social, philosophical and cultural foundations and their present and future impact. Prerequisite: PS-101 (with a grade of C or better).

--- AA/AS General Education: AA/AS B2
--- Transfers to both UC/CSU
--- IGETC Area(s): 4H
--- CSU Area(s): D8

**PS 104H**
**Honors Current Political Issues and Trends**

LEC 48-54

This course is a discussion of current national, political, and social trends and issues with an emphasis on their historical, social, philosophical and cultural foundations and their present and future impact. Prerequisite: Acceptance in the Honors Enrichment Program; PS-101 or HIST-111 (with a grade of C or better).

--- AA/AS General Education: AA/AS B2
--- Transfers to both UC/CSU
--- CSU Area(s): D8

**PS 105**
**Introduction to Political Theory**

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 in the Honors Enrichment Program and PS-101 (with a grade of C or better).

--- AA/AS General Education: AA/AS B2
--- Transfers to both UC/CSU
--- IGETC Area(s): 4H
--- CSU Area(s): D8

**PS 106**
**Introduction to International Relations**

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).

--- AA/AS General Education: AA/AS B2
--- Transfers to both UC/CSU
--- IGETC Area(s): 4H
--- CSU Area(s): D8

**PS 106H**
**Honors Introduction to International Relations**

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).

--- AA/AS General Education: AA/AS B2
--- Not transferable

**PS 120**
**California Government**

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).

--- AA/AS General Education: AA/AS B2
--- Transfers to both UC/CSU
--- IGETC Area(s): 4H
--- CSU Area(s): D8

**PS 120H**
**Honors California Government**

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 in the Honors Enrichment Program and PS-101 (with a grade of C or better).

--- AA/AS General Education: AA/AS B2
--- Transfers to both UC/CSU
--- IGETC Area(s): 4H
--- CSU Area(s): D8
### PS 149  
**Occupational Internship:**  
Paid 75-300/Unpaid 60-240  
**Political Science**  
The purpose of this course is to enable eligible students to include supervised on-the-job training as an integral part of the total college educational program. This is accomplished through a planned program of learning experiences which combines academic and vocational learning at school with new learning experiences on the job in an occupational setting. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: 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 Occupational Internship Student Handbook for specific information.*  
--Transfers to CSU only

### PS 299  
**1-3 units**  
**Special Projects: Political Science**  
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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Political Science classes; a contract must be completed with the instructor prior to enrollment.*  
--Transfers to CSU only

### Psychology

#### PSYC 101  
**3 units**  
**Introduction to Psychology**  
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: None. Recommended Preparation: ENGL-098 (with a grade of C or better).  
--AA/AS General Education: AA/AS B2  
--Transfers to both UC/CSU  
--IGETC Area(a): 4I  
--CSU Area(a): D9, E1

#### PSYC 101H  
**3 units**  
**Honors Introduction to Psychology**  
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 in the Honors Enrichment Program.  
--AA/AS General Education: AA/AS B2  
--Transfers to both UC/CSU  
--IGETC Area(a): 4I  
--CSU Area(a): D9

#### PSYC 102  
**3 units**  
**Personal Growth**  
LEC 48-54  
The major points of view in psychology will be presented as pathways toward personal growth. The course will explore psychological health and mental illness from different perspectives. Psychological principles that can be useful to the individual in achieving personal growth will be emphasized. Prerequisite: None.  
--AA/AS General Education: AA/AS B2  
--Transfers to both UC/CSU  
--IGETC Area(a): 4I  
--CSU Area(a): D9, E1

#### PSYC 103  
**3 units**  
**Human Development**  
LEC 48-54  
This course is a life span course, which looks at the psychological, intellectual, physical and social development of individuals from conception to the end of the life journey. Contemporary developmental theories and research methods will be introduced. The focus of this course will be in presenting an ecological and a multicultural approach to human development. Parenting skills and personal development will be emphasized throughout the course. Prerequisite: None.  
--AA/AS General Education: AA/AS B2  
--Transfers to both UC/CSU  
--IGETC Area(a): 4I  
--CSU Area(a): D9, E1

#### PSYC 103H  
**3 units**  
**Honors Human Development**  
LEC 48-54  
This course is a life span course, which looks at the psychological, intellectual, physical and social development of individuals from conception to the end of the life journey. Contemporary developmental theories and research methods will be introduced. The focus of this course will be in presenting an ecological and a multicultural approach to human development. Parenting skills and personal development will be emphasized throughout the course. Prerequisite: Acceptance in the Honors Enrichment Program.  
--AA/AS General Education: AA/AS B2  
--Transfers to both UC/CSU  
--IGETC Area(a): 4I  
--CSU Area(a): D9, E1

#### PSYC 104  
**3 units**  
**Psychology of Gender**  
LEC 48-54  
This course is designed to introduce students to traditional and contemporary psychological theories and research regarding gender impact on women’s and men’s thought processes, behaviors, and emotions. The course evaluates gender in different social and individual contexts. Some of the topics covered in this course are gender role development, stereotypes, sex differences in cognitive ability, aggression, mental health, and family roles. Prerequisite: None.  
--AA/AS General Education: AA/AS B2 or AA/AS F  
--Transfers to both UC/CSU  
--IGETC Area(a): 4D, 4l  
--CSU Area(a): D4, D9, E1

#### PSYC 104H  
**3 units**  
**Honors Psychology of Gender**  
LEC 48-54  
This course is designed to introduce students to traditional and contemporary psychological theories and research regarding gender impact on women’s and men’s thought processes, behaviors, and emotions. The course evaluates gender in different social and individual contexts. Some of the topics covered in this course are gender role development, stereotypes, sex differences in cognitive ability, aggression, mental health, and family roles. Prerequisite: Acceptance in the Honors Enrichment Program.  
--AA/AS General Education: AA/AS B2 or AA/AS F  
--Transfers to both UC/CSU  
--IGETC Area(a): 4A, 4I  
--CSU Area(a): D4, D9, E1
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Prerequisites/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 105</td>
<td>Social Psychology</td>
<td>3</td>
<td>- CSU Area(s): D9, E1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- IGETC Area(s): 4I</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Transfers to both UC/CSU</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- AA/AS General Education: AA/AS B2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Acceptance into the Honors Enrichment Program</td>
</tr>
<tr>
<td>PSYC 107</td>
<td>Psychobiology</td>
<td>3</td>
<td>- CSU Area(s): D9</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- IGETC Area(s): 4I</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Transfers to both UC/CSU</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- AA/AS General Education: AA/AS B2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Acceptance into the Honors Enrichment Program</td>
</tr>
<tr>
<td>PSYC 108</td>
<td>Abnormal Psychology</td>
<td>3</td>
<td>- CSU Area(s): D9</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- IGETC Area(s): 4I</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Transfers to both UC/CSU</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- AA/AS General Education: AA/AS B2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Acceptance into the Honors Enrichment Program</td>
</tr>
<tr>
<td>PSYC 110</td>
<td>Introduction to Counseling</td>
<td>3</td>
<td>- Not transferable</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- AA/AS General Education: AA/AS B2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Acceptance into the Honors Enrichment Program</td>
</tr>
<tr>
<td>PSYC 112</td>
<td>Gender and Social Interaction</td>
<td>3</td>
<td>- CSU Area(s): D4, D7, E1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- IGETC Area(s): 4D</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Transfers to both UC/CSU</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- AA/AS General Education: AA/AS B2 or AA/AS F</td>
</tr>
</tbody>
</table>

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Course Descriptions

PSYC 115 3 units
Individual, Family and Group Counseling LEC 48-54
This course provides an in-depth study of theories and practices of individual, group, and family counseling, emphasizing learning and practical skills of counseling. Theories and models for family therapy, theories of stages of group development, techniques for family therapy, and the roles of the facilitator/counselor will be discussed. The student will learn how counselors help clients mobilize his/her problems and/or modify attitudes and values that block the recovery process. *Cross-listed as ADS-115. Prerequisite: ADS-110 or PSYC-110 (with a grade of C or better).
--Transfers to CSU only

PSYC 120 3 units
Personal and Professional Growth LEC 48-54
This course covers the importance of personal and professional growth for the counselor, certification requirements, professional associations, as well as programs to aid the recovering counselor and counselor burn-out. Basic skills necessary for the effective counselor will be covered such as reading and writing skills, oral communication skills, investigative skills and case writing skills with practical exercises given. Personal skills include assertiveness, problem solving and decision making. Personal assessment will include looking at personal values and attitudes on special issues and the motives and values for selecting counseling as a profession. Prerequisite: ADS-110 or PSYC-110 (with a grade of C or better).
--Transfers to CSU only

PSYC 125 3 units
Psychology of Aging LEC 48-54
Describes and explains the evolution of adult behavior over the life span. This course includes the study of the nature and changes of aging, related to capacity skills, feelings, emotions, and social behavior. It covers the interrelations of psychological and social aspects of the aging process, with emphasis on the adaptation of the aging individual to society. Prerequisite: None.
--AA/AS General Education: AA/AS B2
--Transfers to both UC/CSU
--IGETC Area(s): 4I
--CSU Area(s): D9, E1

PSYC 299 1-3 units
Special Projects: Psychology 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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Psychology classes; a contract must be completed with the instructor prior to enrollment.
--Transfers to CSU only

PA 149 1-4 units
Occupational Internship: Paid 75-300/Unpaid 60-240
Public Administration
The purpose of this course is to enable eligible students to include supervised on-the-job training as an integral part of the total college educational program. This is accomplished through a planned program of learning experiences which combines academic and vocational learning at school with new learning experiences on the job in an occupational setting. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: 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 Occupational Internship Student Handbook for specific information.
--Transfers to CSU only

Reading

READ 063 4 units
Reading Fundamentals LEC 48-54/LAB 48-54 (formerly ENGL-063)
This class offers instruction in the fundamentals of reading. Students’ vocabulary and comprehension are assessed, and individual vocabulary programs are assigned. The sequence of skills covered in lecture includes main idea, patterns of organization, fact and opinion, inferences, visual aids for reading, and other developmental strategies to enhance reading success. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: None.
--Not transferable

READ 064 4 units
Intermediate Reading LEC 48-54/LAB 48-54 (formerly ENGL-064)
This course is designed to develop effective reading and clear thinking skills. Students’ vocabulary and comprehension are assessed, and individual programs are assigned. The sequence of skills covered in lecture includes vocabulary in context, main idea, inferential reading, cause and effect, fact and opinion, and others. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: READ-063 (with a grade of C or better) or placement test eligibility.
--Not transferable

READ 098 3 units
College Reading LEC 48-54
This course is designed for students who have a vocabulary base for college-level reading but need improved analytical reading and critical thinking skills. This course focuses on improving comprehension, critical thinking skills with application in the interpretation, analysis, criticism and advocacy of ideas encountered in academic readings. Students read college-level selections from different disciplines and content areas, applying critical analysis to argument validation, tone, source evaluation, patterns of organization, fact and opinion, inferences, and others. Prerequisite: READ-064 (with a grade of C or better) and ENGL-062 or placement test eligibility. Recommended Preparation: ENGL-098.
--Not transferable

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Course Descriptions

Real Estate

**RE 140**
**Real Estate Principles**
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. Prerequisite: None.

--Transfers to CSU only

**RE 141**
**Real Estate Practice**
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. Prerequisite/Corequisite: RE-140 (with a grade of C or better) or Real Estate License.

--Transfers to CSU only

**RE 142**
**Legal Aspects of Real Estate**
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. Special emphasis is given to aspects of California Real Estate Law necessary to prepare students for the State Real Estate Licensing Exam. Prerequisite/Corequisite: RE-140 (with a grade of C or better) or Real Estate License.

--Transfers to CSU only

**RE 143**
**Real Estate Finance**
LEC 48-54
This course provides an analysis of real estate financing. Topics covered include financing instruments, sources of financing, loan origination and servicing, and the role of federal and state governments. Prerequisite: None. Recommended Preparation: RE-140 or Real Estate License.

--Transfers to CSU only

**RE 144**
**Basic Appraisal Principles and Procedures**
LEC 56-63
This course meets the requirements of the 2008 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 licensure 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. Prerequisite: None.

--Transfers to CSU only

**RE 145**
**Real Estate Economics**
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. Successful completion of this course qualifies the student to take the California real estate broker's examination and qualifies for the third course requirement to apply for the California real estate salesperson's examination. Prerequisite: RE-140 or RE-141 (with a grade of C or better) or Real Estate License.

--Transfers to CSU only

**RE 146**
**Mortgage Loan Brokering and Lending**
(formerly Real Estate Mortgage)
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. Prerequisite: None.

--Transfers to CSU only

**RE 149**
**Occupational Internship**
1-4 units
Paid 75-300/Unpaid 60-240
**Real Estate**
The purpose of this course is to enable eligible students to include supervised on-the-job training as an integral part of the total college educational program. This is accomplished through a planned program of learning experiences which combines academic and vocational learning at school with new learning experiences on the job in an occupational setting. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: 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 Occupational Internship Student Handbook for specific information.

--Transfers to CSU only

**RE 150**
**Escrow I**
LEC 48-54
An applied study of use and operation of the escrow function in real estate transactions, including the study of preparation of escrow instructions and similar documents, computation of pro-rations of real property taxes, insurance premiums, interests and making closing statements, ordering and reviewing title insurance policies and preliminary title reports. Prerequisite: RE-140 (with a grade of C or better).

--Transfers to CSU only

**RE 154**
**Property Management**
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. Successful completion of this course qualifies the student to take the California real estate salesperson or broker's examination. Prerequisite: None.

--Transfers to CSU only

**RE 155**
**Residential Real Estate Appraisal**
LEC 56-63
This course meets the requirements of the 2008 Appraisal Qualifications Board of the Appraisal Foundation. It emphasizes residential market analysis, highest and best use, site valuation, cost approach and income approach. Single-family homes, 1-4 units, condos, mobile homes and manufactured homes are also part of the curriculum. License requirements for all levels of appraisal licensure are met by this course. Prerequisite: None.

--Transfers to CSU only
### Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Class</th>
<th>Units</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RE 155</td>
<td></td>
<td></td>
<td>Survey of Human Services</td>
<td>This course provides an overview of the field of Human Services and an outline of the Human Services Certificate program including program expectations, prospects for employment, California state legal requirements and restrictions, examination of service populations and their challenges as they relate to the field of Human Services. Offered as pass/no pass only. Prerequisite: None.</td>
</tr>
<tr>
<td>RE 156</td>
<td>LEC 16-18</td>
<td>1</td>
<td>Residential Appraisal Report Writing</td>
<td>This course meets the requirements of the 2008 Appraisal Qualifications Board of the Appraisal Foundation. It emphasizes residential report writing and case studies and includes writing and reasoning skills, common writing problems, and appraisal form reports. This course meets the license requirements for all levels of appraisal licensure. It is required for the trainee, residential and certified residential license. Prerequisite: None.</td>
</tr>
<tr>
<td>RE 157</td>
<td>LEC 16-18</td>
<td>1</td>
<td>Uniform Standards of Professional Appraisal</td>
<td>This course meets the requirements of the 2008 Appraisal Qualifications Board of the Appraisal Foundation for state licensing and certification. This course includes the national examination as required by the AQB. Completion of this course and successful completion of the three-hour national examination (the course final examination) are required by the California Office of Real Estate Appraisers (OREA) for initial trainee licensure. Prerequisite: None.</td>
</tr>
<tr>
<td>RE 158</td>
<td>LEC 16-18</td>
<td>1</td>
<td>Appraisal Statistics, Modeling and Finance</td>
<td>This course meets the requirements of the 2008 Appraisal Qualifications Board of the Appraisal Foundation for the Certified Residential &amp; Certified General License. The California Office of Real Estate Appraisers (OREA) requires completion of this course for the Certified Residential and Certified General licensure. Prerequisites: None</td>
</tr>
<tr>
<td>RE 159</td>
<td>LEC 16-18</td>
<td>1</td>
<td>Advanced Residential Applications and Case Studies</td>
<td>This course meets the requirements of the 2008 Appraisal Qualifications Board of the Appraisal Foundation for the Certified Residential License. The California Office of Real Estate Appraisers (OREA) requires completion of advanced residential applications and case studies for Certified Residential licensure. Prerequisite: None</td>
</tr>
<tr>
<td>RE 299</td>
<td>IS 16-54</td>
<td>1-3</td>
<td>Special Projects: Real Estate</td>
<td>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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Real Estate classes; a contract must be completed with the instructor prior to enrollment.</td>
</tr>
</tbody>
</table>

### Sociology

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Class</th>
<th>Units</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI 101</td>
<td>LEC 48-54</td>
<td>3</td>
<td>Principles of Sociology</td>
<td>This course is the scientific study of human society and behavior in social settings. It surveys the basic characteristics and dynamics of society and culture from the sociological perspective. Topics for this course include culture, socialization and personality development, social interaction, deviance, group dynamics, social structure, social institutions, inequality, social change and collective behavior. Prerequisite: None.</td>
</tr>
<tr>
<td>SOCI 101H</td>
<td>LEC 48-54</td>
<td>3</td>
<td>Honors Principles of Sociology</td>
<td>This course is the scientific study of human society and behavior in social settings. It surveys the basic characteristics and dynamics of society and culture from the sociological perspective. Topics for this course include culture, socialization and personality development, social interaction, deviance, group dynamics, social structure, social institutions, inequality, social change and collective behavior. Prerequisite: Acceptance in the Honors Enrichment Program.</td>
</tr>
<tr>
<td>SOCI 102</td>
<td>LEC 48-54</td>
<td>3</td>
<td>Contemporary Social Problems</td>
<td>In this course, students will be introduced to major sociological theories (i.e. structural-functionalism, conflict, and social-interactionist theories), concepts, and other sociological perspectives useful to the study of contemporary social problems. Special emphasis will be placed upon the identification, description, and evaluation of emerging social and chronic social problems. Prerequisite: None.</td>
</tr>
<tr>
<td>SOCI 103</td>
<td>LEC 48-54</td>
<td>3</td>
<td>Marriage and the Family</td>
<td>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 used and methods of developing intimate relationships in the social atmosphere. Prerequisite: None.</td>
</tr>
<tr>
<td>SOCI 105</td>
<td>LEC 48-54</td>
<td>3</td>
<td>Social Psychology</td>
<td>Social psychology 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 influence, prejudice, aggression, attraction, altruism, and conflict. *Cross-listed as PSYC-105. Prerequisite: None.</td>
</tr>
</tbody>
</table>

*Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.*
Course Descriptions

SOCI 105H  
Honors Social Psychology  
LEC 48-54  
3 units  
Social psychology 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 in the Honors Enrichment Program.  
--AA/AS General Education: AA/AS B2  
--Transfers to both UC/CSU  
--IGETC Area(s): 4I, 4J  
--CSU Area(s): D9, D0

SOCI 106  
Intercultural Relations  
LEC 48-54  
3 units  
The study, functions, and consequences of culture in inter - and - intra - group relations among various racial/ethnic, sex/gender, social class, religious, ability, and nationality groups in the United States and selected other countries around the world. Prerequisite: None.  
--AA/AS General Education: AA/AS B2 or AA/AS F  
--Transfers to both UC/CSU  
--IGETC Area(s): 4J  
--CSU Area(s): D0

SOCI 108  
Human Sexuality  
LEC 48-54  
3 units  
This course helps students better understand human sexuality in relation to oneself and society in general. To achieve this, a multidisciplinary 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. Prerequisite: None.  
--AA/AS General Education: AA/AS B2  
--Transfers to both UC/CSU  
--CSU Area(s): D0, E1

SOCI 110  
Media and Society  
LEC 48-54  
3 units  
This course explores the sociological evolution of contemporary television, film, and publishing industries, as well as the virtual communities of the Internet and the World Wide Web. Exploring the effects and consequences of media in society, and a particular emphasis will be placed on the representations of various cultures and subcultures in the U.S. and abroad. Prerequisite: None.  
--AA/AS General Education: AA/AS B2  
--Transfers to both UC/CSU  
--IGETC Area(s): 4J  
--CSU Area(s): D0

SOCI 112  
Gender and Social Interaction  
LEC 48-54  
3 units  
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 individuals' opportunity. *Cross-listed as PSYC-112. Prerequisite: None.  
--AA/AS General Education: AA/AS B2 or AA/AS F  
--Transfers to both UC/CSU  
--IGETC Area(s): 4D  
--CSU Area(s): D4, D7, E1

SOCI 115  
Contemporary Chicano in Society  
LEC 48-54  
3 units  
This course explores the micro-sociological and institutional aspects of contemporary Chicanos/as in the U.S., particularly in California from the 1930s to present. Topics include an exploration of identity formation, gender roles, and interactions within the Chicano/a community. Structural aspects include an analysis of differential access to politics, education, healthcare and the economy, the representation of Chicanos/as in the media, and the effects on Chicanos/as life chances. Prerequisite: None.  
--AA/AS General Education: AA/AS B2 or AA/AS F  
--Transfers to both UC/CSU  
--IGETC Area(s): 4J  
--CSU Area(s): D0, D3

SOCI 124  
Foundations of Social Research Methodology  
LEC 48-54  
3 units  
This course is an introduction to sociological research. It will provide students with an in depth analysis of both qualitative and quantitative social research methods. Students will have the opportunity to design, conduct and analyze an experimental research. Prerequisite: SOCI-101 (with a grade of C or better).  
--AA/AS General Education: AA/AS B2  
--Transfers to CSU only

SOCI 125  
Crime and Society  
LEC 48-54  
3 units  
This course examines crime in American society with an emphasis on diversity, including an analysis of how race/ethnicity, sex/gender, social class, and sexual orientation affect the interpretation of criminal laws, sentencing, and prevention. Prerequisite: None.  
--AA/AS General Education: AA/AS B2  
--Transfers to both UC/CSU  
--IGETC Area(s): 4J  
--CSU Area(s): D0

SOCI 130  
Sociology of Aging  
LEC 48-54  
3 units  
Sociology of Aging  
This course explores the micro-sociological and institutional aspects of contemporary Chicanos/as in the U.S., particularly in California from the 1930s to present. Topics include an exploration of identity formation, gender roles, and interactions within the Chicano/a community. Structural aspects include an analysis of differential access to politics, education, healthcare and the economy, the representation of Chicanos/as in the media, and the effects on Chicanos/as life chances. Prerequisite: None.  
--AA/AS General Education: AA/AS B2  
--Transfers to both UC/CSU  
--IGETC Area(s): 4J  
--CSU Area(s): D0

SOCI 130  
Sociology of Aging  
LEC 48-54  
3 units  
Sociology of Aging  
This course examines crime in American society with an emphasis on diversity, including an analysis of how race/ethnicity, sex/gender, social class, and sexual orientation affect the interpretation of criminal laws, sentencing, and prevention. Prerequisite: None.  
--AA/AS General Education: AA/AS B2  
--IGETC Area(s): 4J  
--CSU Area(s): D0

SOCI 140  
Introduction to Applied Human Services  
LEC 48-54  
3 units  
Introduction to Applied Human Services  
This course is an introduction to the sociological explanations of employment and workforce development from an applied human services perspective. It provides an overview of major theories on sociocultural evolution of work, problems in the workplace, the changing world of work and how it impacts the individual. This course includes topics related to the historical perspectives of career development theory, and the role of para-professionals. Focus is on assisting special populations. Prerequisite: None. Corequisite: SOCI-095.  
--AA/AS General Education: AA/AS B2  
--Transfers to CSU only

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Course Descriptions

SOCI 141 3 units
Case Services and Advocacy in Human Services  LEC 48-54
This course provides an overview and foundation in case management
and advocacy in applied Human Services professions. Essential case
management and advocacy skills are studied including: screening,
intake, resource identification, comprehensive needs assessment, and
service coordination. The legal and ethical elements of case management
are studied including: documentation, legal rights and responsibility,
and confidentiality. Advocacy is studied both on an individual client
centered advocacy and on a system and community advocacy level.
Prerequisite: None. Corequisite: SOCI-095.
--Transfers to CSU only

SOCI 150 3 units
Introductory Field Work in Human Services  LEC 48-54
This course in the Human Services certificate program provides
field experience at approved community-based organizations, health
centers, or social service agencies. Under supervision, students have
an opportunity to practice sociological theories, techniques and job
skills including, screening, intake, program orientations, supervised
advisements, referrals and resource recommendations. Broad
practical experience is gained in areas of interview, assessment, client
communication, case management, documentation, confidentiality and
scheduling. Emphasis is on professionalism, legal mandates, reporting
and confidentiality. Prerequisite: SOCI-140 or SOCI-141 (with a grade
of C or better). Corequisite: SOCI-095.
--Transfers to CSU only

SOCI 299 1-3 units
Special Projects: Sociology  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. *NOTE: TBA (to be arranged) hours are included in the
total hours listed above. Prerequisite: Previous Sociology classes; a
contract must be completed with the instructor prior to enrollment.
--Transfers to CSU only

Teaching Assistant

TA 100 2 units
Introduction to Tutoring Across Disciplines  LEC 48-54
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. Prerequisite: Interview with Learning Center faculty.
Other Enrollment Criteria: Students need to have completed or be
enrolled in MATH-096 and/or ENGL-101 or receive equivalent testing scores if they wish to be eligible for an interview.
--Transfers to CSU only

TA 149 1-4 units
Occupational Internship: Teaching Assistant  Paid 75-300/Unpaid 60-240
The purpose of this course is to enable eligible students to include
supervised on-the-job training as an integral part of the total college
educational program. This is accomplished through a planned program
of learning experiences which combines academic and vocational
learning at school with new learning experiences on the job in an
occupational setting. *NOTE: TBA (to be arranged) hours are
included in the total hours listed above. Prerequisite: 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 Occupational Internship Student
Handbook for specific information.
--Transfers to CSU only

TA 299 1-3 units
Special Projects: Teaching Assistant  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. *NOTE: TBA (to be arranged) hours are included in the
total hours listed above. Prerequisite: Previous Teaching Assistant
classes; a contract must be completed with the instructor prior to enrollment.
--Transfers to CSU only

Theater Arts

THA 101 3 units
Introduction to Theater  LEC 48-54
This course emphasizes the value and importance of theater as a fine
art and a metaphor for society and life. 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: None.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3A
--CSU Area(s): C1

THA 101H 3 units
Honors Introduction to Theater  LEC 48-54
This course emphasizes the value and importance of theater as a fine
art and a metaphor for society and life. 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 in the Honors Enrichment Program.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3A
--CSU Area(s): C1

THA 102 3 units
Theater History  LEC 48-54
This survey course approaches world theater history from Ancient
Greece through contemporary theater in the early 21st century.
Comparative historical studies of Asian, Byzantine, European, African,
Latin American and American theater are included. The complexity
of theater as an art form, from its function in a given era and culture to its
many component parts including acting, audiences, theatrical spaces,
texts, playwriting, production design, machinery, special effects, music,
dance, directing, management, and criticism are examined. *Cross-
listed as HIST-354. Prerequisite: None.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B
--CSU Area(s): C2

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
### Course Descriptions

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>THA 105</strong>&lt;br&gt;Voice and Diction (formerly Voice for the Actor)</td>
<td>3 units</td>
<td>This course covers voice and speech production for students of theater arts and communications and anyone who wishes to learn to use the voice effectively in a variety of performance situations. Special focus is placed on breath support, vocal relaxation, habitual use, optimum pitch, diction, phonetics and regional dialects. Students will work on developing skills in effective oral communication performance as well as character voice work. <em>Cross-listed as COMM-105. Prerequisite: None.</em>&lt;br&gt;--AA/AS General Education: AA/AS C&lt;br&gt;--Transfers to both UC/CSU</td>
</tr>
<tr>
<td><strong>THA 108</strong>&lt;br&gt;Improvisation for Dance and Theater</td>
<td>3 units</td>
<td>This course explores unscripted theater using techniques found in viewpoints, action theater, mask work, contact improvisation, theater games, and dance. Students will develop as whole performers through learning intuitive response techniques in all performance situations. <em>Cross-listed as DAN-108. Prerequisite: None.</em>&lt;br&gt;--AA/AS General Education: AA/AS C&lt;br&gt;--Transfers to both UC/CSU&lt;br&gt;--CSU Area(s): C1</td>
</tr>
<tr>
<td><strong>THA 109</strong>&lt;br&gt;Movement for Actors</td>
<td>3 units</td>
<td>This course focuses on the development of an articulate body with dynamic and expressive range. Students explore and identify their individual movement habits and preferences to develop the organic characterization and authentic intention required in acting, using a variety of methods and techniques. Prerequisite: None.&lt;br&gt;--AA/AS General Education: AA/AS C&lt;br&gt;--Transfers to both UC/CSU&lt;br&gt;--CSU Area(s): C1</td>
</tr>
<tr>
<td><strong>THA 110</strong>&lt;br&gt;Fundamentals of Acting</td>
<td>3 units</td>
<td>Through lectures, class discussion, improvisation, and practical exercises, the student will learn about the actor's craft. Students will create characters in the rehearsal and performance of monologues and scenework. Warm-up techniques, audition practices, theater etiquette, safety, and the acting profession are emphasized. Students will develop critical analyses of live and video taped performance, in relation to the art and craft of acting. Prerequisite: None.&lt;br&gt;--AA/AS General Education: AA/AS C&lt;br&gt;--Transfers to both UC/CSU&lt;br&gt;--CSU Area(s): C1</td>
</tr>
<tr>
<td><strong>THA 111</strong>&lt;br&gt;Intermediate Acting</td>
<td>3 units</td>
<td>This course offers a continuing study of acting technique for the serious theatre 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).&lt;br&gt;--AA/AS General Education: AA/AS C&lt;br&gt;--Transfers to both UC/CSU&lt;br&gt;--CSU Area(s): C1</td>
</tr>
<tr>
<td><strong>THA 112</strong>&lt;br&gt;Acting for Film and Television</td>
<td>3 units</td>
<td>This is a course in the fundamentals of acting in front of the camera for film and television. Students learn elements of concentration and character creation (in out-of-context shooting), to work with a studio production team, script/rehearsal procedures, and scene preparation for film. Various studies in television acting may include TV dramas, sitcoms, soap operas, news and commercials. Prerequisite: THA-110 (with a grade of C or better).&lt;br&gt;--AA/AS General Education: AA/AS C&lt;br&gt;--Transfers to both UC/CSU&lt;br&gt;--CSU Area(s): C1</td>
</tr>
<tr>
<td><strong>THA 113</strong>&lt;br&gt;Oral Interpretation of Literature</td>
<td>3 units</td>
<td>This course analyzes the art of communicating works of literary merit to an audience. The appropriate literary selection, the use of vocal skills and 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. <em>Cross-listed as COMM-113. Prerequisite: None.</em>&lt;br&gt;--AA/AS General Education: AA/AS C&lt;br&gt;--Transfers to both UC/CSU&lt;br&gt;--CSU Area(s): C1</td>
</tr>
<tr>
<td><strong>THA 117</strong>&lt;br&gt;Stage Management (formerly Theater Production)</td>
<td>3 units</td>
<td>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 theatre with the greatest effectiveness. Prerequisite: None.&lt;br&gt;--AA/AS General Education: AA/AS C&lt;br&gt;--Transfers to both UC/CSU&lt;br&gt;--CSU Area(s): C1</td>
</tr>
<tr>
<td><strong>THA 120</strong>&lt;br&gt;Lighting</td>
<td>3 units</td>
<td>Students will learn the basic concepts of stage 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. Prerequisite: None.&lt;br&gt;--AA/AS General Education: AA/AS C&lt;br&gt;--Transfers to both UC/CSU</td>
</tr>
<tr>
<td>Course Code</td>
<td>Title</td>
<td>Units</td>
</tr>
<tr>
<td>-------------</td>
<td>-------</td>
<td>-------</td>
</tr>
<tr>
<td>THA 121</td>
<td>Costume Construction</td>
<td>3</td>
</tr>
<tr>
<td>THA 122</td>
<td>Stage Makeup</td>
<td>3</td>
</tr>
<tr>
<td>THA 123</td>
<td>Introduction to Scene Design</td>
<td>3</td>
</tr>
<tr>
<td>THA 124</td>
<td>Scenic Painting</td>
<td>3</td>
</tr>
<tr>
<td>THA 127</td>
<td>Reader’s Theater</td>
<td>3</td>
</tr>
<tr>
<td>THA 132</td>
<td>Acting for the Classical Theater</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Survey of Drama</td>
<td>3</td>
</tr>
</tbody>
</table>

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
## Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Course Name</th>
<th>Description</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>THA 155</strong></td>
<td>3</td>
<td>Musical Theater History</td>
<td>This course is the study of the evolution of the American theatrical art form from its European beginnings in nineteenth-century genres such as opera-comique, opérette, pantos, and vaudeville. The course surveys American Musical Theater from 1850 to the present day in social, economic, and cultural contexts. Prerequisite: None. Recommended Preparation: ENGL-101. -- AA/AS General Education: AA/AS C -- Transfers to both UC/CSU -- IGETC Area(s): 3A -- CSU Area(s): C1</td>
<td></td>
</tr>
<tr>
<td><strong>THA 160</strong></td>
<td>3</td>
<td>Dramatic Writing for Stage and Screen</td>
<td>Beginning playwrights and screenwriters explore the fundamentals of creating scripts for stage and screen. The course will focus on elements of form, style, structure, and character development in published/produced dramatic literature. The students will generate scripts that require the synthesis and application of various approaches to writing. *Cross-listed as ENGL-160. Prerequisite: ENGL-101 (with a grade of C or better). -- AA/AS General Education: AA/AS C -- Transfers to CSU only</td>
<td></td>
</tr>
<tr>
<td><strong>THA 200</strong></td>
<td>3</td>
<td>Actor's Workshop</td>
<td>This advanced course is for students, with significant actor training and/or theatre experience, who wish to improve their acting and performance skills. The primary focus is on ensemble acting, textual analysis, with concentration on in-depth study of subject material, intensity of action, freedom of emotional context, and clarity of expression. Classroom exercises and scene studies will culminate in public workshop performance. Prerequisite: By audition and/or interview. Recommended Preparation: THA 110 and THA 111, and/or equivalent experience. -- AA/AS General Education: AA/AS C -- Transfers to both UC/CSU</td>
<td></td>
</tr>
<tr>
<td><strong>THA 201</strong></td>
<td>3</td>
<td>Rehearsal and Performance</td>
<td>This course is a laboratory designed to give the student a variety of experiences in acting and 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. -- AA/AS General Education: AA/AS C -- Transfers to both UC/CSU</td>
<td></td>
</tr>
<tr>
<td><strong>THA 205</strong></td>
<td>3</td>
<td>Summer Repertory Theater</td>
<td>This is a summer course designed to produce and to present plays as part of a summer theater festival. Students are given opportunities to act, stage manage work crew and participate in all phases of creating plays and musicals for the public. Prerequisite: THA-110 (with a grade of C or better). -- AA/AS General Education: AA/AS C -- Transfers to both UC/CSU</td>
<td></td>
</tr>
<tr>
<td><strong>THA 209</strong></td>
<td>1-3</td>
<td>Musical Production</td>
<td>This course is designed for the presentation of a musical. Students will learn the preparation of a production including: rehearsal technique, acting, movement, music, dramatic text, and technical theater. *Cross-listed as DAN-209 and MUS-209. Prerequisite: By audition and/or interview. -- AA/AS General Education: AA/AS C -- Transfers to both UC/CSU</td>
<td></td>
</tr>
<tr>
<td><strong>THA 210</strong></td>
<td>3</td>
<td>Fundamentals of Directing</td>
<td>This is an introductory course in the theory, process, and development of directorial skills for the stage. Primary focus is placed on the director's work with textual analysis, research, interpretation, collaboration and communication. Students will research, cast, rehearse, and present a piece for public performance. Prerequisite: THA-101 and THA-110 (with a grade of C or better). -- Transfers to both UC/CSU -- CSU Area(s): C1</td>
<td></td>
</tr>
<tr>
<td><strong>THA 299</strong></td>
<td>1-3</td>
<td>Special Projects: Theater Arts</td>
<td>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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Theater Arts classes; a contract must be completed with the instructor prior to enrollment. -- Transfers to CSU only</td>
<td></td>
</tr>
</tbody>
</table>

### Turf & Landscape Management

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
<th>Course Name</th>
<th>Description</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HORT 101</strong></td>
<td>3</td>
<td>Horticulture Science</td>
<td>(formerly AGTM-101) This course introduces the horticulture industry, using videos, text, field trips, and guest lecture. 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. This is a core course in the Golf Course/Turf Management Certification Program. Prerequisite: None. -- Transfers to CSU only</td>
<td></td>
</tr>
<tr>
<td><strong>HORT 102</strong></td>
<td>3</td>
<td>Introduction to Turfgrass Management</td>
<td>(formerly AGTM-102) This course is designed for students pursuing the golf course management certificate as well as green industry professionals wishing to upgrade their skills. It is a core course in the Golf Course/Turf Management Program. 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. Prerequisite: None. -- Transfers to CSU only</td>
<td></td>
</tr>
</tbody>
</table>

*Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.*
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HORT 103</td>
<td>3 units</td>
<td>Advanced Turfgrass Management (formerly AGTM-103) This course is designed to give the student advanced study in the specialization of both golf courses and athletic fields management. Topics include advanced 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. This is an advanced course in the new Golf Course Management Program. Prerequisite: HORT-102 (with a grade of C or better). --Transfers to CSU only</td>
</tr>
<tr>
<td>HORT 104</td>
<td>3 units</td>
<td>Soil Science and Management (formerly AGTM-104) 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, land surveying, and nutritional management of landscape and horticultural settings. This Soil Science and Management course is a core course in the Golf Course/Turf Management Program. Prerequisite: None. Recommended Preparation: HORT 101. --Transfers to CSU only</td>
</tr>
<tr>
<td>HORT 105</td>
<td>3 units</td>
<td>Golf Course/Landscape Irrigation (formerly AGTM-105) This course is an introduction to fundamental irrigation principles and practices for golf courses and other landscape management projects. The student will learn to read and interpret an irrigation blueprint, calculate evapo-transpiration rate, perform a water audit, design an irrigation schedule, program an irrigation controller and troubleshoot and repair basic irrigation problems. Prerequisite: None. --Transfers to CSU only</td>
</tr>
<tr>
<td>HORT 106</td>
<td>3 units</td>
<td>Pesticide Law &amp; Regulations - Turf &amp; Landscape (formerly AGTM-106) This course includes pesticide, safety and enforcement regulations pertaining to the turf and landscape manager. Presentation of the California Code Sections and study material prepare students for the Department of Pesticide Regulations Laws &amp; Regulations exams. Prerequisite: None. --Transfers to CSU only</td>
</tr>
<tr>
<td>HORT 107</td>
<td>3 units</td>
<td>Arboriculture (formerly AGTM-107) 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. This course is an elective course in the Golf Course/Turf Management Program. Prerequisite: None. --Transfers to CSU only</td>
</tr>
<tr>
<td>HORT 109</td>
<td>3 units</td>
<td>Landscape Design (formerly AGTM-109) 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. Prerequisite: None. --Transfers to CSU only</td>
</tr>
<tr>
<td>HORT 110</td>
<td>3 units</td>
<td>Laws and Regulations an Integrated Pest Management Approach (formerly AGTM-110) 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. Prerequisite: None. --Transfers to CSU only</td>
</tr>
<tr>
<td>HORT 119</td>
<td>3 units</td>
<td>Resort Food &amp; Beverage Operation (formerly AGTM-122) This course is the study of the techniques and methods of operating and controlling a food and beverage operation in a resort environment. It studies the management techniques necessary for the planning, constructing, budgeting, staffing, and equipment of resort hotels. The course emphasizes sales and marketing as it applies to a variety of resort, restaurant, and related hospitality service industry products. The focus includes related sales and promotional strategies, merchandising, public relations and advertising. *Cross-listed as BADM-120. Prerequisite: None. --Transfers to CSU only</td>
</tr>
<tr>
<td>HORT 120</td>
<td>3 units</td>
<td>Sales and Marketing in Hospitality (formerly AGTM-120) This course examines how effective marketing plans are conceived, designed and implemented. The course emphasizes sales and marketing as it applies to a variety of resort, restaurant, and related hospitality service industry products. The focus includes related sales and promotional strategies, merchandising, public relations and advertising. *Cross-listed as BADM-120. Prerequisite: None. --Transfers to CSU only</td>
</tr>
<tr>
<td>HORT 149</td>
<td>1-4 units</td>
<td>Occupational Internship: Turf and Landscape Management (formerly AGTM-149) The purpose of this course is to enable eligible students to include supervised on-the-job training as an integral part of the total college educational program. This is accomplished through a planned program of learning experiences which combines academic and vocational learning at school with new learning experiences on the job in an occupational setting. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: 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 Occupational Internship Student Handbook for specific information. --Transfers to CSU only</td>
</tr>
</tbody>
</table>
Course Descriptions

HORT 299 0.50-3 units
Special Projects: Turf and Landscape Management
(formerly AGTM-299)
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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Turf and Landscape Management classes; a contract must be completed with the instructor prior to enrollment.
--Transfers to both UC/CSU

Viticulture, Enology & Winery

VEW 100 3 units
Introduction to Viticulture
LEC 48-54
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-water relations, irrigation, fertilization and pruning; weed, disease and pest control; establishment, training and pruning grapevines; harvest and post-harvest operations. Prerequisite: None.
--Transfers to both UC/CSU

VEW 102 3 units
Introduction to Enology
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. Prerequisite: None.
--Transfers to CSU only

VEW 106 3 units
Hospitality in the Winemaking Industry
LEC 48-54
This course is an introduction to hospitality in the winemaking industry. Topics include tasting room and customer service skills, marketing, sales, staff development, events program coordination, food and beverage coordination, hospitality and alcoholic beverage law, tasting room design and organization, culinary arts, wine club development and management. The basic concepts of enology and viticulture will also be covered. Prerequisite: None.
--Transfers to CSU only

VEW 108 3 units
Introduction to Winery Business Principles
LEC 48-54
This course is an introduction to the business of winemaking. Topics include 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. Prerequisite: None.
--Transfers to CSU only

VEW 149 1-4 units
Occupational Internship: Viticulture, Enology, and Winemaking
The purpose of this course is to enable eligible students to include supervised on-the-job training as an integral part of the total college educational program. This is accomplished through a planned program of learning experiences which combines academic and vocational learning at school with new learning experiences on the job in an occupational setting. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: 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 Occupational Internship Student Handbook for specific information.
--Transfers to CSU only

Water Technology

WATR 100 1 unit
Introduction to Water/Wastewater Operations
LEC 16-18
This course introduces water and wastewater operations and the basic skills and knowledge needed to advance in this industry. The course will provide an overview of water and wastewater treatment processes, distribution systems as well as terminology and equipment used in the wastewater and water industries. Regulations, licensing and the certification process will be discussed as a part of this course. Prerequisite: None.
--Transfers to CSU only

WATR 102 2 units
Basic Waterworks Mathematics
LEC 32-36
This course is an introduction to the mathematics used in water and wastewater industries. Students will learn the basic formulas and functions needed to calculate: area, volume, chemical dosage and other related problems. The course is intended to prepare the student for further water and wastewater courses. Prerequisite: None.
--Not transferable

WATR 103 3 units
Water Treatment Plant Operations I & II
LEC 48-54
This is a comprehensive course designed to teach the student the principles of water treatment plant operations. The course will cover sources of water, the treatment process, plant operations, safety, water quality regulations and waterworks Math. The course is designed to prepare the student to take the State of California, Water Treatment Operator exam for grades I&II (T-1&T-2). Prerequisite: None. Recommended Preparation: WATR-102.
--Transfers to CSU only

WATR 105 3 units
Water Treatment Plant Operations III, IV & V
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 California Department of Public Health examination developers as essential for minimally competent Water Treatment Plant Operator II, IV or V (T-3,T-4, or T-5). Prerequisite: WATR-103 (with a grade of C or better) or State of California T-2 Certificate in Water Treatment. Recommended Preparation:
WATR-102.
--Transfers to CSU only

WATR 107 3 units
Water Distribution I & II
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
WATR 109  
Water Distribution III, IV & V  
LEC 48-54  
This is a comprehensive course that teaches the students the advanced principles of the operation and maintenance of a water distribution system. The course covers the sources of water, principles of design, installation, operation and maintenance of pipes, pumps, valves, meters, and other related hydraulic units. Prerequisite: WATR-107 (with a grade of C or better) or a D-2 state certificate in water distribution.  
--Transfers to CSU only

WATR 120  
Wastewater Treatment Plant Operations I & II  
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. Prerequisite: WATR-102.  
--Transfers to CSU only

WATR 122  
Wastewater Plant Operations III, IV & V  
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. Prerequisite: WATR-120 (with a grade of C or better) or CWSRB Certification.  
--Transfers to CSU only

WATR 125  
Laboratory Procedures for Water and Wastewater  
LEC 48-54  
This course prepares students to safely perform laboratory tests and 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 and to monitor sewage and industrial wastes prior to disposal; and, proper methods for collecting and handling samples. Prerequisite: None. Recommended Preparation: MATH-090, WATR-102 or WATR-103, WATR-107, or WATR-120.  
--Transfers to CSU only

WATR 130  
Environmental Laws and Regulations  
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. Prerequisite: None.  
--Transfers to CSU only

WATR 140  
Wells, Pumps and Motors  
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. Prerequisite: None.  
--Transfers to CSU only

WATR 149  
Occupational Internship:  
Paid 75-300/Unpaid 60-240  
Water Technologies  
The purpose of this course is to enable eligible students to include supervised on-the-job training as an integral part of the total college educational program. This is accomplished through a planned program of learning experiences which combines academic and vocational learning at school with new learning experiences on the job in an occupational setting. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: 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 Occupational Internship Student Handbook for specific information.  
--Transfers to CSU only

WATR 299  
Special Projects: Water Technology  
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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Water Technology classes; a contract must be completed with the instructor prior to enrollment.  
--Transfers to CSU only

CHIN 101  
Elementary Chinese I  
LEC 80-90  
This beginning course concentrates on developing basic skills in listening, pronunciation, oral practice, and basic grammar of Mandarin Chinese at the beginning level. This course includes discussions of Chinese culture and daily life. Prerequisite: None.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 6A  
--CSU Area(s): C2

CHIN 102  
Elementary Chinese II  
LEC 80-90  
This course is a continuation of skills learned in Chinese 101. Students will become more proficient in the use of Mandarin Chinese through reading, writing, listening and speaking. Chinese 102 concentrates on more advance grammar and further knowledge of Chinese culture and daily life. Prerequisite: CHIN-101 (with a grade of C or better) or two years of high school Chinese.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Course Descriptions

**CHIN 201**
Intermediate Chinese I  
LEC 64-72  
This course is a continuation of skills learned in Chinese 102. Students will become more proficient in the use of Mandarin Chinese through reading, writing, listening and speaking. Chinese 201 concentrates on advanced grammar, dialectal variations, reading comprehension and further knowledge of Chinese culture and daily life. Prerequisite: CHIN-201 (with a grade of C or better) or four years of high school Chinese.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

**CHIN 202**
Intermediate Chinese II  
LEC 64-72  
This course is a continuation of skills learned in Chinese 201. Students will become more proficient in the use of Mandarin Chinese through reading, writing, listening and speaking. Chinese 202 concentrates on advanced grammar, dialectal variations, reading comprehension and further knowledge of Chinese culture and daily life. Prerequisite: CHIN-201 (with a grade of C or better) or AP exam with a passing score.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B  
--CSU Area(s): C2

**FREN 101**
Elementary French I  
LEC 80-90  
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. Prerequisite: None. Recommended Preparation: College level reading skills shown by assessment test results or completion of ENGL-064 with a grade of C or higher.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 6A  
--CSU Area(s): C2

**FREN 102**
Elementary French II  
LEC 80-90  
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.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B, 6A  
--CSU Area(s): C2

**FREN 201**
Intermediate French I  
LEC 64-72  
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.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B, 6A  
--CSU Area(s): C2

**FREN 202**
Intermediate French II  
LEC 64-72  
A continuation of FREN-201, this course emphasizes advanced grammar and vocabulary, with major emphasis on effective oral communication at a high-intermediate level. Formal composition in response to more advanced readings in francophone culture and civilization is stressed. Prerequisite: FREN-201 (with a grade of C or better) or four years of high school French.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 3B, 6A  
--CSU Area(s): C2

**FREN 299**
Special Projects: French  
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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous French classes; a contract must be completed with the instructor prior to enrollment.  
--Transfers to CSU only

**ITAL 101**
Elementary Italian I  
LEC 80-90  
This beginning course concentrates on pronunciation, oral practice, basic grammar of the Italian language and study of the Italian culture and civilization. Emphasis is placed on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Italian at the beginning level. Prerequisite: None.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 6A  
--CSU Area(s): C2

**ITAL 101H**
Honors Elementary Italian I  
LEC 80-90  
This beginning course concentrates on pronunciation, oral practice, basic grammar of the Italian language and study of the Italian culture and civilization. Emphasis is placed on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Italian at the beginning level. Prerequisite: Acceptance in the Honors Enrichment Program.  
--AA/AS General Education: AA/AS C  
--Transfers to both UC/CSU  
--IGETC Area(s): 6A  
--CSU Area(s): C2

**ITAL 102**
Elementary Italian II  
LEC 80-90  
This course is a continuation of skills learned in Italian 101. Students will become more proficient in the use of the Italian language through reading, writing, listening and speaking. Students will gain more knowledge of the Italian culture and civilization. Emphasis is placed on acquisition of vocabulary, proper uses of object pronouns and past verbal tense. Prerequisite: ITAL-101 (with a grade of C or better) or two years of high school Italian.  
--AA/AS General Education: AA/AS C

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
ITAL 102H
Honors Elementary Italian II
LEC 80-90
This course is a continuation of skills learned in Italian 101. Students will become more proficient in the use of the Italian language through reading, writing, listening and speaking. Students will gain more knowledge of the Italian culture and civilization. Emphasis is placed on acquisition of vocabulary, proper uses of object pronouns and past verbal tenses. Prerequisite: Acceptance in the Honors Enrichment Program and ITAL-101 (with a grade of C or better) or two years of high school Italian.

--CSU Area(s): C2
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 6A
--AA/AS General Education: AA/AS C

ITAL 201
Intermediate Italian I
LEC 64-72
This course is a continuation of skills learned in Italian 102. Students will become more proficient in the use of the Italian language through reading, writing, listening and speaking. Students will gain more knowledge of the Italian culture and civilization. Emphasis is placed on acquisition of vocabulary, subjunctive tense and reading and writing. Prerequisite: ITAL-102 (with a grade of C or better) or four years of high school Italian.

--CSU Area(s): C2
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 6A
--AA/AS General Education: AA/AS C

ITAL 201H
Honors Intermediate Italian I
LEC 64-72
This course is a continuation of skills learned in Italian 102. Students will become more proficient in the use of the Italian language through reading, writing, listening and speaking. Students will gain more knowledge of the Italian culture and civilization. Emphasis is placed on acquisition of vocabulary, subjunctive tense and reading and writing. Prerequisite: Acceptance in the Honors Enrichment Program and ITAL-102 (with a grade of C or better) or four years of high school Italian.

--CSU Area(s): C2
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 6A
--AA/AS General Education: AA/AS C

ITAL 202
Intermediate Italian II
LEC 64-72
This course is a continuation of skills learned in Italian 201. Students will become more proficient in the use of the Italian language through reading comprehension, writing, and speaking. Students will gain more knowledge of the Italian culture and civilization. Emphasis is placed on reading and writing. Prerequisite: ITAL-201 (with a grade of C or better) or AP Italian.

--CSU Area(s): C2
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 6A
--AA/AS General Education: AA/AS C

ITAL 202H
Honors Intermediate Italian II
LEC 64-72
This course is a continuation of skills learned in Italian 201. Students will become more proficient in the use of the Italian language through reading comprehension, writing, and speaking. Students will gain more knowledge of the Italian culture and civilization. Emphasis is placed on reading and writing. Prerequisite: Acceptance in the Honors Enrichment Program and ITAL-201 (with a grade of C or better) or AP Italian.

--CSU Area(s): C2
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 6A
--AA/AS General Education: AA/AS C

PORT 101
Elementary Portuguese I
LEC 80-90
This beginning course concentrates on the basic skills of listening, reading, speaking and writing. It will emphasize the vocabulary and basic grammar of the Portuguese language, and discussion of the Luso-Brazilian culture and civilization. Prerequisite: None.

--CSU Area(s): C2
--Transfers to both UC/CSU
--IGETC Area(s): 6A
--AA/AS General Education: AA/AS C

PORT 101H
Honors Elementary Portuguese I
LEC 80-90
This beginning course concentrates on the basic skills of listening, reading, speaking and writing. It will emphasize the vocabulary and basic grammar of the Portuguese language, and discussion of the Luso-Brazilian culture and civilization. Prerequisite: Acceptance in the Honors Enrichment Program.

--CSU Area(s): C2
--Transfers to both UC/CSU
--IGETC Area(s): 6A
--AA/AS General Education: AA/AS C

PORT 102
Elementary Portuguese II
LEC 80-90
This course presents a continuation of the skills in PORT-101. Students will become more proficient in the use of Portuguese language through listening, reading, speaking and writing. It will emphasize the vocabulary and grammar of the Portuguese language, and discussion of the Luso-Brazilian culture and civilization. Prerequisite: PORT-101 (with a grade of C or better) or two years of high school Portuguese. Recommended Preparation: The student takes a PORT-101 course no longer than one year before starting this course. The same applies to two years of high school Portuguese.

--CSU Area(s): C2
--Transfers to both UC/CSU
--IGETC Area(s): 6A
--AA/AS General Education: AA/AS C
Course Descriptions

PORT 102H  
Honors Elementary Portuguese II  
LEC 80-90

This course presents a continuation of the skills in PORT-101. Students will become more proficient in the use of advanced Portuguese language through listening, reading, speaking, and writing. It will emphasize the vocabulary and grammar of the Portuguese language, and discussion of the Luso-Brazilian culture and civilization. Prerequisite: Acceptance in the Honors Enrichment Program and PORT-101 (with a grade of C or better) or two years of high school Portuguese.

---AA/AS General Education: AA/AS C
---Transfers to both UC/CSU
---IGETC Area(s): 3B, 6A
---CSU Area(s): C2

PORT 201  
Intermediate Portuguese I  
LEC 64-72

This course presents a continuation of the skills in PORT-102. Students will become more proficient in the use of advanced Portuguese language through listening, reading, speaking, and writing. It will emphasize the reading and writing, and discussion of the Luso-Brazilian culture and civilization. Prerequisite: PORT-201 (with a grade of C or better) or three years of high school Portuguese.

---AA/AS General Education: AA/AS C
---Transfers to both UC/CSU
---IGETC Area(s): 3B, 6A
---CSU Area(s): C2

PORT 201H  
Honors Intermediate Portuguese I  
LEC 64-72

This course presents a continuation of the skills in PORT-102. Students will become more proficient in the use of advanced Portuguese language through listening, reading, speaking, and writing. It will emphasize the reading and writing, and discussion of the Luso-Brazilian culture and civilization. Prerequisite: Acceptance in the Honors Enrichment Program and PORT-102 (with a grade of C or better) or three years of high school Portuguese.

---AA/AS General Education: AA/AS C
---Transfers to both UC/CSU
---IGETC Area(s): 3B, 6A
---CSU Area(s): C2

PORT 202  
Intermediate Portuguese II  
LEC 64-72

This course presents a continuation of the skills in PORT-201. Students will become more proficient in the use of advanced Portuguese language through listening, reading, speaking, and writing. It will emphasize the reading and writing, and discussion of the Luso-Brazilian culture and civilization. Prerequisite: PORT-201 (with a grade of C or better) or four years of high school Portuguese.

---AA/AS General Education: AA/AS C
---Transfers to both UC/CSU
---IGETC Area(s): 3B, 6A
---CSU Area(s): C2

PORT 202H  
Honors Intermediate Portuguese II  
LEC 64-72

This course presents a continuation of the skills in PORT-201. Students will become more proficient in the use of advanced Portuguese language through listening, reading, speaking, and writing. It will emphasize the reading and writing, and discussion of the Luso-Brazilian culture and civilization. Prerequisite: Acceptance in the Honors Enrichment Program and PORT-201 (with a grade of C or better) or two years of high school Portuguese.

---AA/AS General Education: AA/AS C
---Transfers to both UC/CSU
---IGETC Area(s): 3B, 6A
---CSU Area(s): C2

SPAN 101  
Elementary Spanish I  
LEC 80-90

This beginning course emphasizes pronunciation, oral practice, basic grammar of the Spanish language and study of the 21 Spanish speaking countries, culture and civilization. Prerequisite: None.

---AA/AS General Education: AA/AS C
---Transfers to both UC/CSU
---IGETC Area(s): 6A
---CSU Area(s): C2

SPAN 101A  
Introduction to Spanish 101  
LEC 32-36

This beginning course is designed for students that have no previous studies of Spanish. This course is equivalent to the first half of SPAN-101. The course emphasizes on pronunciation, oral practice, basic grammar of the Spanish language and study of Hispanic culture and civilization. Prerequisite: None. Other enrollment criteria: Must enroll in SPAN-101B after successfully completing SPAN-101A.

---AA/AS General Education: AA/AS C
---Transfers to both UC/CSU

SPAN 101B  
Introduction to Spanish 101 (Continuation)  
LEC 48-54

This beginning course is the continuation of Spanish 101A. It is designed for students that have no previous studies of Spanish. This course is equivalent to the second half of SPAN-101. The course emphasizes on 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).

---AA/AS General Education: AA/AS C
---Transfers to both UC/CSU
---IGETC Area(s): 6A
---CSU Area(s): C2

SPAN 101H  
Honors Elementary Spanish I  
LEC 80-90

This beginning course emphasizes pronunciation, oral practice, basic grammar of the Spanish language and study of the 21 Spanish speaking countries, culture and civilization. Prerequisite: Acceptance into the Honors Enrichment Program.

---AA/AS General Education: AA/AS C
---Transfers to both UC/CSU
---IGETC Area(s): 6A
---CSU Area(s): C2

SPAN 102  
Elementary Spanish II  
LEC 80-90

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 language 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.

---AA/AS General Education: AA/AS C
---Transfers to both UC/CSU
---IGETC Area(s): 6A
---CSU Area(s): C2

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
Course Descriptions

--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 6A
--CSU Area(s): C2

SPAN 102H 5 units
Honors Elementary Spanish II LEC 80-90
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: Acceptance into the Honors Enrichment Program and SPAN-101 (with a grade of C or better) or two years of high school Spanish.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 6A
--CSU Area(s): C2

SPAN 104 5 units
Elementary Spanish for Spanish Speakers LEC 80-90
This beginning course corresponding to Spanish 101 is designed for students already able to understand and speak the language as used in everyday situations. Emphasis is on listening, speaking, reading, writing and special problems with structures and vocabulary. Prerequisite: None.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 6A
--CSU Area(s): C2

SPAN 201 4 units
Intermediate Spanish I LEC 64-72
A continuation of Spanish 102, this course introduces more advanced grammar and vocabulary with added emphasis on reading and writing. Prerequisite: SPAN-102 (with a grade of C or better) or three years of high school Spanish.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 6A
--CSU Area(s): C2

SPAN 201H 4 units
Honors Intermediate Spanish I LEC 64-72
A continuation of Spanish 102, this course introduces more advanced grammar and vocabulary with added emphasis on reading and writing. Prerequisite: Acceptance into the Honors Enrichment Program; SPAN-102 (with a grade of C or better) or three years of high school Spanish.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 6A
--CSU Area(s): C2

SPAN 202 4 units
Intermediate Spanish II 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.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 6A
--CSU Area(s): C2

SPAN 202H 4 units
Honors Intermediate Spanish II 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: Acceptance into the Honors Enrichment Program; SPAN-201 (with a grade of C or better) or four years of high school Spanish.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 3B, 6A
--CSU Area(s): C2

SPAN 203 5 units
Elementary Spanish for Spanish Speakers LEC 80-90
This beginning course corresponding to Spanish 101 is designed for students already able to understand and speak the language as used in everyday situations. Emphasis is on listening, speaking, reading, writing and special problems with structures and vocabulary. Prerequisite: None.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU
--IGETC Area(s): 6A
--CSU Area(s): C2

SPAN 210 3 units
Spanish Grammar I LEC 48-54
This course is designed for students wishing to further develop their knowledge of Spanish grammar through a linguistic perspective. It focuses on the rules of Spanish grammar and explains syntax and its components, especially those that are traditionally difficult for students of Spanish. This course is strongly recommended for students pursuing a major or minor in Spanish. Prerequisite: SPAN-202 (with a grade of C or better) or Native Speaker currently enrolled in SPAN-202.
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU

SPAN 211 3 units
Spanish Grammar II LEC 48-54
This course is a continuation of Spanish 210 and is designed for students wishing to further develop their knowledge of Spanish grammar through a linguistic perspective. It focuses on the rules of Spanish grammar and explains syntax and its components, especially those that are traditionally difficult for students of Spanish. This course is strongly recommended for students pursuing a major or minor in Spanish. Prerequisite: SPAN-201 (with a grade of C or better).
--AA/AS General Education: AA/AS C
--Transfers to both UC/CSU

Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.
## Course Descriptions

### SPAN 230
**Spanish Composition I**

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>This course is designed for students wishing to further develop written communication as well as oral comprehension and 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-104 or SPAN-201 (with a grade of C or better).</td>
</tr>
<tr>
<td>LEC 48-54</td>
<td></td>
</tr>
</tbody>
</table>

- AA/AS General Education: AA/AS C
- Transfers to both UC/CSU
- CSU Area(s): C2

### SPAN 230H
**Honors Spanish Composition I**

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>This course is designed for students wishing to further develop written communication as well as oral comprehension and 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: Acceptance into the Honors Enrichment Program; SPAN-104 or SPAN-201 (with a grade of C or better).</td>
</tr>
<tr>
<td>LEC 48-54</td>
<td></td>
</tr>
</tbody>
</table>

- AA/AS General Education: AA/AS C
- Transfers to both UC/CSU
- IGETC Area(s): 3B
- CSU Area(s): C2

### SPAN 231
**Spanish Composition II**

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>This course is the continuation of SPAN-230, it is designed for students wishing to further develop written communication as well as oral comprehension and 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).</td>
</tr>
<tr>
<td>LEC 48-54</td>
<td></td>
</tr>
</tbody>
</table>

- AA/AS General Education: AA/AS C
- Transfers to both UC/CSU
- CSU Area(s): C2

### SPAN 231H
**Honors Spanish Composition II**

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>This course is the continuation of SPAN-230, it is designed for students wishing to further develop written communication as well as oral comprehension and 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: Acceptance into the Honors Enrichment Program; SPAN-230 (with a grade of C or better).</td>
</tr>
<tr>
<td>LEC 48-54</td>
<td></td>
</tr>
</tbody>
</table>

- AA/AS General Education: AA/AS C
- Transfers to both UC/CSU
- IGETC Area(s): 3B
- CSU Area(s): C2

### SPAN 240
**Spanish through Film**

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>This course is designed to expand the study of written and spoken Spanish through discussion and written analysis of selected Spanish films. Prerequisite: SPAN-201 (with a grade of C or better).</td>
</tr>
<tr>
<td>LEC 48-54</td>
<td></td>
</tr>
</tbody>
</table>

- AA/AS General Education: AA/AS C
- Transfers to both UC/CSU
- IGETC Area(s): 3B
- CSU Area(s): C2

### SPAN 251
**Intermediate Spanish Conversation I**

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>This course is designed for those students who have taken Spanish 102 and want to further develop their communicative skills for everyday contact with Spanish speaking people. The 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).</td>
</tr>
<tr>
<td>LEC 48-54</td>
<td></td>
</tr>
</tbody>
</table>

- AA/AS General Education: AA/AS C
- Transfers to both UC/CSU
- IGETC Area(s): 3B
- CSU Area(s): C2

### SPAN 252
**Intermediate Spanish Conversation II**

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>This course is a continuation of Spanish 251 and is designed for those students who have taken Spanish 201 and want to further develop their communicative skills for everyday contact with Spanish speaking people. The course emphasizes pronunciation, oral practice, and the study of Hispanic culture and civilization. The course will also review the fundamentals of grammar and introduce new vocabulary. Prerequisite: SPAN-201 (with a grade of C or better).</td>
</tr>
<tr>
<td>LEC 48-54</td>
<td></td>
</tr>
</tbody>
</table>

- AA/AS General Education: AA/AS C
- Transfers to both UC/CSU
- IGETC Area(s): 3B, 6A
- CSU Area(s): C2

### SPAN 299
**Special Projects: Spanish**

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-3</td>
<td>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. *NOTE: TBA (to be arranged) hours are included in the total hours listed above. Prerequisite: Previous Spanish classes; a contract must be completed with the instructor prior to enrollment.</td>
</tr>
<tr>
<td>IS 16-54</td>
<td>Transfers to CSU only</td>
</tr>
</tbody>
</table>

---

*Note: Repeatability Laws have changed, see the Course Repeatability policy under the General Regulations section for additional information.*
Non-Credit - Other

LL-001X
Supervised Tutoring
This course provides tutoring and/or mediated instruction in multi-disciplinary 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.
Continuing Education

Basic Skills

ESL-001X    English as a Second Language
The English as a Second Language program offers the non-English speaking and the limited English speaking adult an opportunity to learn listening, speaking, reading and writing skills. Emphasis is placed on helping students develop communicative competence essential for adult living in an English language setting.

ESL-004X    ESL Beginning Literacy
The course is designed for the student who cannot read or write in English. The learner may also have limited oral proficiency in English. The student may not read or write in his/her native language. Emphasis is on developing the student’s 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.

ESL-005X    Beginning Low
The course is designed for the learner who has the ability to write letters and numbers but otherwise has minimum exposure to English. Emphasis is on developing the student’s ability to listen to and understand messages. Language structures and functions are integrated with these topics: Survival skills, identification and address, comprehension of directions for survival and learning. There is little emphasis on grammatical accuracy at this level.

ESL-006X    ESL Beginning High
This course is designed for the student with some English fluency. Emphasis is 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 instructor-assisted self-correction by the student.

ESL-007X    ESL Intermediate Low
The course is designed for the learner who has tested well enough to have a 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. Possible content topics are: culture, history, vocations, general interest, contemporary problems, current events, and basic education.

ESL-008X    ESL Intermediate High
Limited English proficient adults receive age-appropriate 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 which are selected according to the goals and interests of the students.

ESL-009X    ESL Advanced Low
The course is designed for the second language student who has a well-developed knowledge and use of the English language. Emphasis is on developing oral and written fluency. Language structures and functions are incorporated in an integrated skills format. Content topics are general interest, contemporary problems, culture, vocations, history, gender, social change, language experience, and basic education.

ESL-010X    ESL Advanced High
The course is designed for the second language learner who has a developed knowledge of English. Emphasis is on developing oral and written fluency. Language functions and structures are incorporated into an integrated skills approach. Content can include general interest, culture, cross-cultural comparisons, social conflict, language experience, vocations, contemporary problems and events, and basic education.

ESL-011X    ESL College Connection
The course is designed to provide advanced non-credit ESL learners with the opportunity to improve their overall language proficiency by using English to study cultural issues, to explore learning styles and strategies, and to complete individual and small group project work. Cultural issues will be explored through a workshop-based writing component. Get ready for the transition to College credit classes with this NEW CLASS.

ESL-012X    ESL Multi-Level/Low/Multi Discipline I
This ESL course is an individual or small-group based program that offers students ESL literacy, ESL Beginning Low, ESL Beginning High course content, as needed by the class. Course content and objectives conform to the individual course outlines, as deemed appropriate by the course instructor. This communication-based/competency-based program is a learner-centered approach that targets instruction to identified student needs, goals and interests. Students develop their listening, speaking, reading, and writing skills as they achieve life-skill and personal development competencies.

ESL-013X    ESL Multi-Level/High Multi Discipline II
This ESL course is an individual or small-group based program that offers students ESL Intermediate Low, ESL Intermediate High, ESL Advanced Low course content, as needed by the class. Course content and objectives conform to the individual course outlines, as deemed appropriate by the course instructor. This communication-based/competency-based program is a learner-centered approach that targets instruction to identified student needs, goals, and interests. Students develop their listening, speaking, reading, and writing skills as they achieve life-skill and personal development competencies.

ABE-001X    Adult Basic Education
This course consists of individualized and group instruction in basic reading, arithmetic fundamentals, and oral and written communication.

GED-001X    General Educational Development (GED)
This course will prepare students to take the GED test, a battery of five comprehensive examinations. Students will be given a practice test to determine which subject areas they need to develop.

CTZN-001X    Citizenship
This course is designed to prepare the foreign born applicant for United States citizenship.
ABE-004X  Light Duty Service Technician
This course offers exposure to career options in the Automotive Technology industry. Topics include: Lube & Oil, Brakes & Tires and basic Tune-Ups. Students will learn shop safety and environmental precautions. Students will gain insight and an opportunity to set short term goals with this first step on the Automotive Technology career ladder. Students will, enhance workplace skills, and prepare for future career choices.

CEP-001X  Career Enhancement Skills
Participants clarify employment needs, establish short/long term career goals, develop action plans and job search skills necessary to achieve goals for career success. Career planning skills, goal setting, resume development, job search, interview techniques and employee success techniques are reinforced by work-based activities and group sessions which build work-success skills such as problem solving, teamwork, communication, and integrating life skills.

COMP-001X  Computer Skills for Business
This course will provide students with an overview of the basic computer functions used in a business setting. Topics include using the internet to search for information, completing online forms, sending email, creating folders and saving documents. The course uses state of the art software and web based programs.
Continuing Education

Older Adult Program

ART-001X       Watercolor
Intermediate and advanced. Course will include a review of painting and sketching techniques. In each class the students will learn new techniques of watercolor-step by step. The instructor will critique and help each student with his/her work individually.

ART-002X       Ceramics
An introduction to working with clay, emphasizing basic hand building, surface treatments, and finished glaze. The use of the potter’s wheel will also be introduced, with concentration on centering and basic thrown shapes.

ECON-012X      Machine Quilting
The student will prepare and construct a basic item by piecing different fabrics and designing the pieces into a pleasant design. Student will finish the entire piece during the length of the class.

ENGL-001X      Creative Writing for the Older Adult
This is a beginning to intermediate creative writing class. The course will present the student with the opportunity to express ideas in prose and poetry form. Participants contribute their own knowledge, experience, understanding and support for one another in critique sessions.

MUS-001X       Community Concert Band
A performing organization for advanced instrument students interested in playing big band jazz. By audition on a space available basis. The student will improve sight reading skills, increase knowledge of selected musical styles, improve concepts of phrasing. Concerts will be held. NOTE: Students will have the opportunity to participate with one of several performance groups.

MUS-002X       Golden Eagle Orchestra
This course is designed for all men and women who like to sign in harmony and enjoy the fellowship of each other’s company. The students will sing in four-part harmony with soprano, alto, tenor and bass voices. No previous choral or voice training is required but is helpful if you can read music and understand four-voice work. Basic voice and instruction is given. NOTE: Students will have the opportunity to participate with one of several performance groups.

MUS-003X       Hemet Harmonizers
Rehearsal and performance of choral literature for advanced students interested in singing a variety of choral styles. By audition on a space availability basis. NOTE: Students will have the opportunity to participate with one of several performance groups.

Noncredit Older Adult Music courses (MUS – 001X, MUS – 002X and MUS-003X) include opportunities to participate in performances each semester.

Chorale Groups

Mt. San Jacinto College Inland Chorale
An advanced choral group dedicated to the performance of quality music in a professional and entertaining manner

Hemet Harmonizers Barbershop Harmony
This group is devoted to singing barbershop harmony. The class includes vocal production and proper use of the voice in barbershop harmony.

Bands

Valley Winds Band
The Valley Winds is a community band open to any wind or percussion instrument. This is a relaxed and fun group.

Community Concert Band
Open to wind and percussion players, this band explores the best in concert band literature. Musicians are exposed to a variety of musical styles and develop good ensemble playing by focusing on intonation, balance, and rhythmic relationships

Mt. San Jacinto College Symphony
Rehearsal and performance of orchestral literature. The student will improve sight reading skills, increase knowledge of selected musical styles and improve concepts of phrasing.

Golden Eagle Jazz Ensemble
A performing organization for advanced instrument students interested in playing Big Band music.
DISTRICT PERSONNEL

Board of Trustees
Dorothy J. McGargill, President (Trustee Area 2)
Eugene V. Kadow, Clerk (Trustee Area 1)
Gwendolyn Schange (Trustee Area 3)
Ann Motte (Trustee Area 4)
Tom Ashley (Trustee Area 5)

As of 04/08/13

ADMINISTRATIVE STAFF

Superintendent/President ................. Roger Schultz
Director, Superintendent/
  President’s Office ..................... Kathy Donnell
Administrative Associate ............... Kristen Grimes
Associate Dean, Institutional Effectiveness/
  Planning/Grants ..................... Rebecca Teague
Associate Dean of Institutional Research
  & Planning ............................ Charles Hawkins
Director of Public Information
  & Marketing ........................... Karin Marriott

Vice President, Human Resources ......... Irma Ramos
Executive Assistant ..................... Faith Nobles
Associate Dean, Human Resources ........ Vacant

Vice President, Business Services ......... Becky Elam
Executive Assistant ..................... Jennifer Marrs
Dean, Business Services ............... Elizabeth Gomez
Interim Associate Dean,
  Information Technology ............ Brian Orlauski
Associate Dean, Procurement &
  General Services ..................... Teri Sisco
Director, Budget & Accounting ........ Julie Venable

Vice President, Instruction ............. Vacant
Executive Assistant ..................... Jill Lanphere
Instructional Support Coordinator .... Kristine DiMemmo
Class Scheduling & Information Specialist . Angela Seavey
Dean of Instruction, Arts, Humanities & Social Sciences,
  Menifee Valley Campus ............. Richard Rowley
Dean of Instruction, Math & Sciences,
  Menifee Valley Campus ............. Vacant
Dean of Instruction, Academic Programs,
  San Jacinto Campus ................ Carlos Tovares
Dean of Instruction, Career Education & Categorical
  Programs, Menifee Valley Campus .. Joyce Johnson
Dean of Instruction, Career Education & Categorical
  Programs, San Jacinto Campus ........ Vacant
Dean of Instruction, External
  Programs ............................ Laurie McLaughlin
Dean of Instruction, Library
  & Technology ........................ Patricia James
Dean of Nursing & Allied Health .... Kathleen Winston
Associate Dean of Instruction, Academic Programs,
  San Jacinto Campus ................ Vacant
Interim Director of @ One Project ........ Micah Orloff
Director of Child Development &
  Education Centers .................... Barbara Carmody

Vice President, Student Services ......... William Vincent
Executive Assistant ..................... Becky Mitchell
Dean of Student Services
  Counseling .......................... Tom Spillman
Dean of Student Services
  Outreach/Matriculation & Student
  Development ........................ JoAnna Quejada
Dean of Student Services
  Athletics/Student Discipline ........ Patrick Springer
Associate Dean, Enrollment Services,
  International Student Program, EOPS/CARE,
  Upward Bound/TRIO Programs ...... Susan Loomis
Chief of Police ........................ Vacant
Director of Disabled Students Programs
  & Services ........................... Vacant
Director of Enrollment Services,
  San Jacinto Campus ................ Cheri Naish
Director of EOPS & CARE ............. Ketmani Kouanchao
Interim Director of Financial Aid ........ Vacant
Director of Talent Search Grant Programs ... Robert Hill
Director of Upward Bound Program .... Marisa Mendoza

Superintendent/President Emeritus
  Dr. Milo P. Johnson
  Dr. Richard J. Giese

As of 04/23/13
District Personnel

**ACADEMIC TITLES AT MSJC**

Academic titles are determined by an Academic Rank Committee using the following standards:

- The title Instructor is given to Full-Time non-tenure-track employees.
- The title Assistant Professor is awarded to tenured Full-Time Faculty in their first through fourth years of employment.
- The title Associate Professor is awarded to tenured Full-Time Faculty who are in their fifth or later year of service.
- The title Professor is given to tenured Full-Time Faculty who have demonstrated eminence and service meeting the standards set by the Academic Rank Committee.

**2013-2014 Full-Time Faculty and Administrators**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title and Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>BADER, JASON</td>
<td>Associate Professor, Studio Art/Graphic Design</td>
</tr>
<tr>
<td></td>
<td>B.A., California State University, Long Beach</td>
</tr>
<tr>
<td></td>
<td>M.F.A., University of California, Los Angeles</td>
</tr>
<tr>
<td></td>
<td>M.A., University of California, Riverside</td>
</tr>
<tr>
<td>BARKLEY, LAWRENCE</td>
<td>Associate Professor, English</td>
</tr>
<tr>
<td></td>
<td>B.A., University of New Mexico</td>
</tr>
<tr>
<td></td>
<td>M.A., San Diego State University</td>
</tr>
<tr>
<td></td>
<td>M.A., California State University, San Bernardino</td>
</tr>
<tr>
<td>BARRAZA, BERTHA</td>
<td>Associate Professor, Counseling and EOPS</td>
</tr>
<tr>
<td></td>
<td>A.A., Riverside Community College</td>
</tr>
<tr>
<td></td>
<td>B.A., University of California, Riverside</td>
</tr>
<tr>
<td></td>
<td>M.S.W., University of Southern California</td>
</tr>
<tr>
<td></td>
<td>D.M., University of Phoenix</td>
</tr>
<tr>
<td>BARRAZA, LARRY</td>
<td>Assistant Professor, Business/Management</td>
</tr>
<tr>
<td></td>
<td>B.S., California Polytechnic University, Pomona</td>
</tr>
<tr>
<td></td>
<td>M.B.A., California State University, San Bernardino</td>
</tr>
<tr>
<td>BECKHAM, MICHAEL</td>
<td>Associate Professor, Math</td>
</tr>
<tr>
<td></td>
<td>B.S., University of California, Riverside</td>
</tr>
<tr>
<td></td>
<td>M.S., University of California, Riverside</td>
</tr>
<tr>
<td>BENNETT, WILLIAM</td>
<td>Associate Professor, Networking</td>
</tr>
<tr>
<td></td>
<td>MCSE, MCT, CIW Certification</td>
</tr>
<tr>
<td></td>
<td>B.V.E., California State University, San Bernardino</td>
</tr>
<tr>
<td></td>
<td>M.A., California State University, San Bernardino</td>
</tr>
<tr>
<td></td>
<td>M.S., California State University, Fullerton</td>
</tr>
<tr>
<td>BERGIN, WILLIAM P.</td>
<td>Associate Professor, Computer Information Systems</td>
</tr>
<tr>
<td></td>
<td>B.S., San Diego State University</td>
</tr>
<tr>
<td></td>
<td>B.A., San Diego State University</td>
</tr>
<tr>
<td></td>
<td>M.A., San Diego State University</td>
</tr>
<tr>
<td></td>
<td>M.S., San Diego State University</td>
</tr>
<tr>
<td>BILLINGSLEY, KELLY</td>
<td>Associate Professor, Health and Nutrition</td>
</tr>
<tr>
<td></td>
<td>B.S., California Polytechnic State University, San Luis Obispo</td>
</tr>
<tr>
<td></td>
<td>M.S., California State University, Northridge</td>
</tr>
<tr>
<td>BLAKE, TED</td>
<td>Associate Professor, English</td>
</tr>
<tr>
<td></td>
<td>Learning Center Coordinator</td>
</tr>
<tr>
<td></td>
<td>B.A., Principia College</td>
</tr>
<tr>
<td></td>
<td>M.A., University of Kansas</td>
</tr>
<tr>
<td>BORIN, ERIC</td>
<td>Associate Professor, Rehabilitation Counseling</td>
</tr>
<tr>
<td></td>
<td>B.A., San Diego State University</td>
</tr>
<tr>
<td></td>
<td>M.S., San Diego State University</td>
</tr>
<tr>
<td></td>
<td>PhD, Capella University</td>
</tr>
<tr>
<td>BOWMAN, RONALD S.</td>
<td>Associate Professor, Business/Accounting</td>
</tr>
<tr>
<td></td>
<td>B.S., Brigham Young University</td>
</tr>
<tr>
<td></td>
<td>M.B.A., Brigham Young University</td>
</tr>
</tbody>
</table>

BOWMAN, RONALD S.
Associate Professor, Business/Accounting
B.S., Brigham Young University
M.B.A., Brigham Young University

Mt. San Jacinto College 2013-2014 Catalog
DISTRICT PERSONNEL

BROOKS, RAELENE
Associate Professor, Nursing
A.A., Southwestern College
A.S., Maric College
B.S., University of Phoenix
M.S., University of Phoenix

BROSTRAND, CATHY C.
Associate Professor, English
B.A., University of Delaware
M.A., California State University, San Bernardino

BROWN, JEREMY
Associate Professor, Music
B.M.E, Baylor University
M.M., University of Texas, Austin
D.M.A., University of Texas, Austin

BURLESON, JENNIFER
Associate Professor, Counselor
B.S., Ohio State University
M.S., California State University, Fullerton

CANDELARIA, DAVID
Associate Professor, Accounting
B.A., California State University, Fullerton
M.S., California State University, Fullerton

CARMODY, BARBARA
Director, Child Development & Education Centers
A.A., Macomb Community College
B.A., Eastern Michigan University
M.A., California State University, San Marcos

CASTRO, LISSETTE
Associate Professor, Spanish
A.A., Palomar College
B.A., California State University, San Marcos
M.A., University of California, Davis

CHARLES, KATHERINE
Associate Professor, Physical Education
B.A., Biola University
M.A., Azusa Pacific University
M.S., Cal Poly Pomona

CORREIA-JORDAN, ELIZABETH
Associate Professor, Spanish
A.S., North Virginia College
B.A., University of California, Irvine
M.A., University of California, Irvine

CRANNEY, KAREN
Associate Professor, Counselor
B.S., Rider College
M.A., University of Colorado
Ed.D., University of Southern California, Los Angeles

CUATOK, ALEJANDRO
Associate Professor, Education/Mathematics
B.A., University of California, San Diego
M.S., National University

CVETKO, MARLENE
Associate Professor, Learning Disabilities
B.S., Portland State University
M.S., Portland State University
Ed.D., Oregon State University

DALAIMO, DENISE M.
Associate Professor, Sociology
B.A., University of Nevada, Las Vegas
M.A., University of Nevada, Las Vegas
Ph.D., University of Nevada, Las Vegas

DAVIS, JAMES R.
Associate Professor, History
B.A., St. Mary’s College
Ph.D., Brandeis University

DECKER, JAMES
Associate Professor, Learning Disabilities
B.A., Southwestern College, Winfield
M.A., University of New Mexico
Ph.D., University of New Mexico

DOKTORSKI, EILEEN
Associate Professor, Art
B.F.A., Parsons School of Design
M.F.A., Yale School of Art

DONELL, KATHY
Director, Superintendent/President’s Office
A.A., Mt. San Jacinto Community College

DONOVAN III, THOMAS W.
Associate Professor, Philosophy
B.A., Michigan State University
M.A., Michigan State University
Ph.D., University of California, Riverside

DUBOIS-EASTMAN, KIM
Nursing Instructor
A.A., Saddleback Community College
B.S., California State University, Dominican Hills
B.S., University of Redlands
M.S., Loma Linda University

DUFFIE, DWIGHT
Associate Professor, Computer Information Systems
B.S., Loma Linda University
M.S., Claremont Graduate School

DURBIN, ARTHUR
Associate Professor, Emergency Medical Technician Program
Director
A.S., Mt. San Jacinto Community College
B.S., University of Redlands

ELAM, BECKY
Vice President of Business Services
B.A., California State University, Fullerton
M.A., University of Phoenix

ESCAMILLA, ELIAS
Assistant Professor, Counselor
A.A., Southwestern Community College
B.A., University of California, Riverside
M.A., California State University, San Bernardino

FARRINGTON, SUSAN
Assistant Professor, Nursing
A.S., Riverside Community College
A.S.N., Riverside Community College
B.S.N., University of Phoenix
M.S.N., University of California, San Bernardino
District Personnel

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

FIRTHA, FARAH
Chemistry Instructor
B.S., University of California, Riverside
M.S., University of California, Riverside

FLEMING, MICHAEL
Associate Professor, Communications
A.A., Chaffey College
B.A., California State University, San Bernardino
M.A., California State University, San Bernardino

FLORES, MONICA
Associate Professor, Library Science
B.A., Loma Linda University
M.L.S., San Jose State University

FLOURNOY, YULA D.
Associate Professor, English
A.A., Weatherford College, Texas
B.A., University of North Texas
M.A., University of North Texas

FORD, PAMELA J.
Professor, Anthropology
B.A., Chapman University, Orange
M.A., University of Washington, Seattle
Ph.D., University of Washington, Seattle

GIBSON, LAURA
Nursing Instructor
B.S., Trenton State College
M.S., California State University, Long Beach
Ph.D., Texas Woman’s University

GOMEZ, ELIZABETH
Dean of Business Services
B.A., California State University, San Bernardino
M.A., California Baptist University

GREER, LESLIE
Associate Professor, American Sign Language
B.S., State University of New York, Empire State College
M.A., University of Rochester

GUU, CHING-JUNG
Associate Professor, Mathematics
B.A., University of California, Berkeley
Ph.D., University of California, Riverside

HAMILTON, WILLIE
Professor, Political Science
B.A., University of California, Los Angeles
M.A., University of California, Los Angeles

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 and Education
A.S., Moorpark College
M.S., California Polytechnic State University, San Luis Obispo

HAWKINS, CHARLES
Associate Dean of Institutional Research & Planning
B.S., California State University at Hayward
M.S., California State University at Hayward

HEIDEN SCOTT, BELINDA
Associate Professor, Office Technologies
A.A., Mt. San Antonio College
B.S., Capella University

HEINSMA, DEWEY
Associate Professor, Economics
A.A., Lane Community College
B.S., Portland State University
M.S., Portland State University

HELMS, DEL
Associate Professor, Health Science
B.A., Colorado State University
M.A., Azusa Pacific University
Ed.D., Pepperdine University

HENDRY, PAUL
Associate Professor, English
B.A., Washington and Lee University
M.Ed., University of California, Los Angeles
M.A., University of California, Irvine

HENNESSY, CAREN
Associate Professor, Office Technologies
B.A., John Carroll University
M.B.A, Cleveland State University
Ed.D, Argosy University

HERT, PAUL
Associate Professor, Mathematics
Instructional Program Review Coordinator
B.S., California State University, San Bernardino
M.A., University of California, Riverside

HERT, THERESA M.
Associate Professor, Mathematics
A.A., Riverside Community College
B.A., California State University, San Bernardino
M.A., California State University, San Bernardino

HILL, ROBERT
Director, Talent Search Grant Programs
B.S., University of La Verne
M.P.A., University of La Verne
E.d.D., University of Southern California

HLEBAKOS, JASON
Associate Professor, Environmental Sciences
B.A., University of California, Berkeley
Ph.D., University of California, Riverside
HOCHSTRAT, SUSAN
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

JAMES, PAMELA M.
Associate Professor, Counseling
B.A., California State University, Long Beach
M.S., California State University, Long Beach

JAMES, PATRICIA R.
Dean of Instruction, Library & Technology
A.A., Canada Community College, Redwood City
B.A., University of California, Santa Cruz
M.A., Capella University

JOHNSON, J. KEITH
Associate Professor, Physical Science
B.S., Western Kentucky University
M.S., Murray State University

JOHNSON, JOYCE
Dean of Instruction, Career Education & Categorical Programs, Menifee Valley Campus
A.A., San Bernardino Valley College
A.S., Victor Valley College
B.S., University of Phoenix
M.S., California State University, Dominguez Hills

KANDUS, RICHARD J.
Associate Professor, Psychology
B.A., University of California, Los Angeles
M.A., Humboldt State University

KAZI, NIZAM U.
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

KOODATIAN, JAMES
Associate Professor, Philosophy
A.A., Fresno City College
B.A., California State University, Fresno
M.S.L.S., University of Southern California
M.A., California State University, Long Beach

KOJANCHOI, KETMANI
Director of EOPS & CARE
B.A., University of Minnesota
M. Ed., University of Minnesota

LAMBERT, TENNILLE
Associate Professor, Dance
B.A., University of Alabama at Birmingham
M.F.A., Florida State University

LEGAAR, RICHARD
Associate Professor, Administration of Justice
B.S., California State University, Los Angeles
M.A., California State University, Los Angeles
M.P.A., University of Southern California
M.S., California Polytechnic State University, Pomona

LEVASSEUR, JANICE
Supplemental Instruction Coordinator
B.S., Sonoma State University
M.S., University of California, Riverside

LOOMIS, SUSAN
Associate Dean, Enrollment Services, International Student Program, EOPS/CARE, Upward Bound/TRIO Program
B.S., Bellevue University
M.Ed., American Intercontinental University

LOPEZ, MARIA
Associate Professor, Psychology
A.A., Chaffey College
B.A., California State University, Fullerton
M.S., California State University, Long Beach

LUNA-SIMS, LETICIA
Student Success Activity Coordinator - STEM
B.A., California State University, San Marcos
M.A., University of San Diego

MARDICHIAN, ANDREA
Associate Professor, Mathematics
B.S., California State University, Northridge
M.S., California State University, Northridge

MARRIOTT, KARIN
Director of Public Information & Marketing
A.A., Crafton Hills College
B.A., University of Redlands

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

MC LAUGHLIN, LAURIE
Dean of Instruction, External Programs
B.S., Suffolk University
M.A., California State University, San Bernardino

MENDEZA, MARIS
Director of Upward Bound Program
B.A., California State University, Chico
M.A., California State University, Chico

MENZ, EVELYN
Associate Professor, English
Learning Center Coordinator
B.S., Southeast Missouri State University
M.A., Southeast Missouri State University

MOORE, BRANDON
Assessment Coordinator
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
District Personnel

**MOSS, E. DAVID**  
Associate Professor, Communication  
B.A., California State University, Long Beach  
M.A., California State University, Long Beach  
Ph.D, Capella University

**NAGGI, PAULA**  
Associate Professor, Theatre Arts/Dance  
B.A., University of California, Riverside  
M.A., California State University, Fullerton

**NAISH, CHERI**  
Director of Enrollment Services, San Jacinto Campus  
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

**NAPOLITANO, NANCY**  
Professor, Health Science  
B.S.N., Trenton State College  
M.S.N., California State University  
Ed.D., University of Sarasota

**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

**NEY, PAUL**  
Associate Professor, Math/Physics/Astronomy  
B.S., California Polytechnic State University, Pomona  
M.S., University of California, Riverside

**NISHIMOTO, RHONDA**  
Associate Professor, Multimedia  
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

**ORCAJO, WENDY R.**  
Associate Professor, Child Development and Education  
B.A., Whittier College  
M.A., California State University, Los Angeles  
Ph.D., Capella University

**ORLASKI, BRIAN**  
Interim Associate Dean, Information Technology  
B.A., University of California, Los Angeles  
M.S., Bellevue University

**ORLOFF, MICAH**  
Interim Director of @ One Project  
B.A., California State University, San Bernardino  
M.A., California State University, San Bernardino

**OZOLINS, ERIK G.**  
Associate Professor, Anthropology  
B.A., Ft. Lewis College  
M.S., University of New Mexico

**PAMULA, SUJATHA**  
Associate Professor, Biological Sciences  
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**  
Audio & Video Technology Instructor  
A.A., Mt. San Jacinto Community College

**PEACE, DAN**  
Assistant Professor, English as Second Language  
B.S., University of Illinois at Urbana-Champaign  
M.A., Northeastern Illinois University

**PLOTKIN, MICHAEL**  
Associate Professor, Biological Sciences  
B.S., University of Massachusetts, Amherst  
M.S., Lesley University  
M.S., University of California, Davis

**QUEJADA, JOANNA E.**  
Dean of Student Services, Outreach/Matriculation & Student Development  
B.A., California State University, Chico  
M.A., University of San Francisco

**RAMIREZ, ALMA**  
Associate Professor, Reading/English  
B.A., University of California, Riverside  
M.A., University of Illinois  
Ed.D., Pepperdine University

**RAMOS, IRMA**  
Vice President of Human Resources  
B.S., DeVry University  
M.B.A., Keller Graduate School of Management

**RAMPERSAD, OUDYALACK**  
Associate Professor, Automotive Technology – PACT Coordinator  
A.A., Cerritos College  
B.V.E., California State University, Long Beach (in progress)

**RAZAVI, SHAHLA**  
Associate Professor, Mathematics  
B.S., University of Tehran  
M.A.T., Oklahoma City University

**REAMS, GUY M.**  
Associate Professor, CIS Microsoft Networking  
B.A., California State University, San Bernardino

**REECE, DANA**  
Associate Professor, English  
A.A., Mira Costa College  
B.A., University of California, San Diego  
M.A., University of California, San Diego  
Ph.D., Claremont Graduate University, Claremont

**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, Biological Sciences  
B.S., Western Washington University  
Ph.D., University of California, San Diego

ROSS, LORETTA  
Associate Professor, English  
B.A., University of California, Davis  
M.A., California State University, San Diego

ROSSER MIDDLETON, LINDA  
Associate Professor, Child Development and Education  
B.A., Pacific Oaks College  
M.A., Pacific Oaks College

ROULETTE, STERLING  
Associate Professor, Anatomy and Physiology  
A.S., Mt. San Jacinto Community College  
B.S., California Polytechnic State University, San Luis Obispo  
M.S., California State University, San Bernardino  
Ed.D., University of LaVerne

ROWLEY II, RICHARD D.  
Dean of Instruction, Arts, Humanities & Social Sciences, Menifee Valley Campus  
B.A., University of Michigan  
M.A., Central Michigan University  
Ph.D., University of Minnesota

RYCRAFT, RICKIANNE  
Associate Professor, English  
B.A., California State University, San Marcos  
M.A., California State University, San Marcos  
M.F.A., Pacific University, Forest Grove

SANCHEZ, GLORIA  
Associate Professor, Accounting  
B.A., California State University, Fullerton  
M.B.A., National University

SAUNDERS, COLLEEN  
Assistant Professor, Ultra Sound  
A.A., Orange Coast College

SCHAADT, BEVERLYANN  
Associate Professor, Mathematics  
B.S., University of California, Riverside  
M.S., University of California, Riverside

SCHULER, JOHN  
Associate Professor, Chemistry  
A.S., San Bernardino Valley College  
B.S., University of Southern California  
M.S., California Polytechnic State University, Pomona  
Ed.D., University of LaVerne

SCHULTZ, ROGER  
Superintendent/President  
B.A., University of Southern California, Los Angeles  
M.A., University of Southern California, Los Angeles  
Ph.D., Capella University

SEARI-CHAPIN, STACEY  
Associate Professor, Political Science  
B.A., University of California, Riverside  
M.A., University of California, Riverside  
Ph.D., University of California, Riverside

SEED, JOHN  
Professor, Art  
B.A., Stanford University  
M.A., University of California, Berkeley

SHERKAT, BAHRAM  
Associate Professor, Mathematics  
B.A., University of California, San Diego  
M.A., University of California, San Diego

SISCO, TERI  
Associate Dean, Procurement and General Services  
B.A., Strayer University

SISK, RICHARD  
Associate Professor, English  
B.A., University of California, San Diego  
M.A., California State University, San Bernardino

SLATTERY-FARRELL, LORRAINE  
Associate Professor, Child Development & Education  
B.A., California State University, San Bernardino  
M.A., California State University, San Bernardino

SLEPSKI, JEFFREY M.  
Professor, Biology  
B.S., California State University, San Bernardino  
M.A., Azusa Pacific University  
M.S., University of Bridgeport  
Ed.D., University of Sarasota

SMATHERS, JULIE  
Associate Professor, Counseling  
A.A., Mt. San Jacinto Community College  
B.A., University of California, Irvine  
M.A., University of Redlands

SMITH, DONALD E.  
Associate Professor, Multimedia  
A.A., Mt. San Antonio College  
B.A., California Arts, Valencia  
M.A., California State University, Fullerton

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  
History Instructor  
B.A., Saint Mary’s College  
M.A., San Diego State University

SOMMERS, TATIANA  
Associate Professor, Counselor  
A.A., Mt. San Jacinto Community College  
B.A., California State University, Fullerton  
M.A., University of Redlands

SPILLMAN, THOMAS  
Dean of Student Services, Counseling  
A.A., Mt. San Jacinto Community College  
B.S., University of Utah  
M.A., University of Phoenix

SPRINGER, PATRICK  
Dean of Student Services, Athletics/Student Discipline  
B.A., University of Iowa  
M.A., Mid-America Nazarene

Mt. San Jacinto College 2013-2014 Catalog
## District Personnel

<table>
<thead>
<tr>
<th>Name</th>
<th>Title/Department</th>
<th>Institution(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STEVenson, GLENn</strong></td>
<td>Associate Professor, Computer Information Systems</td>
<td>B.A., University of California, Irvine</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.S., Azusa Pacific University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ph.D., Capella University</td>
</tr>
<tr>
<td><strong>STEWart, MICHELLe P.</strong></td>
<td>Professor, English</td>
<td>B.A., Stanford University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.A., University of Nevada, Reno</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ph.D., University of California, Riverside</td>
</tr>
<tr>
<td><strong>Strate, Patricia</strong></td>
<td>Associate Professor, Spanish</td>
<td>B.A., Universite de Bordeaux III, Bordeaux, France</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.A., California State University, San Marcos</td>
</tr>
<tr>
<td><strong>Teague, Rebecca</strong></td>
<td>Associate Dean, Institutional Effectiveness/Planning/Grants</td>
<td>B.A., University of California, Los Angeles</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.A., California State University, Dominquez Hills</td>
</tr>
<tr>
<td><strong>ToroK, LORI</strong></td>
<td>Associate Professor, Dance/Theater</td>
<td>B.A., Niagara University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.A., State University, New York</td>
</tr>
<tr>
<td><strong>TovareS, Carlos</strong></td>
<td>Dean of Instruction, Academic Programs, San Jacinto Campus</td>
<td>B.A., University of Florida</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.A., University of Washington</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ph.D., University of Washington</td>
</tr>
<tr>
<td><strong>UHL, SuzanNee</strong></td>
<td>Associate Professor, Communications</td>
<td>B.A., San Diego State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.A., San Diego State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ph.D., Regent University</td>
</tr>
<tr>
<td><strong>valdezAlvarez, Jorge</strong></td>
<td>Associate Professor, Mathematics</td>
<td>B.A., University of California, Riverside</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.S., University of California, Riverside</td>
</tr>
<tr>
<td><strong>Vargas, Gary</strong></td>
<td>Associate Professor, History</td>
<td>B.A., University of California, Santa Barbara</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.A., University of California, Riverside</td>
</tr>
<tr>
<td><strong>VaseK, Anthony</strong></td>
<td>Professor, Engineering/Mathematics</td>
<td>B.A., St Joseph’s College</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B.A.E., University of Detroit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.S., University of Detroit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Exec. M.B.A., Michigan State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D.Engr., University of Detroit</td>
</tr>
<tr>
<td><strong>Venable, JUliE</strong></td>
<td>Director, Budget &amp; Accounting</td>
<td>B.S., Indiana Wesleyan University</td>
</tr>
<tr>
<td><strong>Vincent, William</strong></td>
<td>Vice President of Student Services</td>
<td>B.S., University of Oregon</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.A., University of California, Long Beach</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ed.D., University of Southern California</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Vrtis, April</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A.A., Long Beach City College</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B.S., University of Houston, Clear Lake</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.A., California State University, Domiguez Hills</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.A., California State University, Domiguez Hills</td>
</tr>
<tr>
<td><strong>Wakjira, Samuel</strong></td>
<td>Economics Instructor</td>
<td>B.A., Addis Ababa University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.S., Addis Ababa University</td>
</tr>
<tr>
<td><strong>Welden, Michael</strong></td>
<td>Associate Professor, Mathematics</td>
<td>B.S., University of Illinois at Urbana-Champaign</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.S., University of Illinois at Urbana-Champaign</td>
</tr>
<tr>
<td><strong>Wells, Carol</strong></td>
<td>Assistant Professor, Nursing</td>
<td>A.D.N., Riverside City College</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B.S.N., California State University, Dominguez Hills</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.S.N., California State University, Dominguez Hills</td>
</tr>
<tr>
<td><strong>Winston, KathleEn M.</strong></td>
<td>Dean of Nursing &amp; Allied Health</td>
<td>A.S., University of Nevada</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B.S., University of Nevada</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.S., University of San Diego</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ph.D., University of San Diego</td>
</tr>
<tr>
<td><strong>Yamanaka, ChristiNa</strong></td>
<td>Associate Professor, History</td>
<td>B.A., University of California, Los Angeles</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.A., University of California, Los Angeles</td>
</tr>
<tr>
<td><strong>ZografoS, Peter</strong></td>
<td>Associate Professor, Nursing</td>
<td>B.A., Concordia University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Diploma, Vanier College, Canada</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.S.N., University of Phoenix</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ph.D., Capella University</td>
</tr>
</tbody>
</table>

As of 04/23/13
District Personnel

Classified Staff

*Indicates supervisory staff

Business Services

Esqueda, Kathryn
Hall, Martha
Hernandez, Maria
*Jensen, Gail
*Jraber, Teri
Kohls, Renee
Marrs, Jennifer
McGee, Kara
Ocha, Melissa
Owen, Tracie
Richter, Karen
Shoffner, Cecil
Stevens, Cheryl
Thornton, Selene
Watts, Karen
Worthington, Elizabeth

Business Services

Esqueda, Kathryn
Hall, Martha
Hernandez, Maria
*Jensen, Gail
*Jerabek, Teri
Kohls, Renee
Marrs, Jennifer
McGee, Kara
Ocha, Melissa
Owen, Tracie
Richter, Karen
Shoffner, Cecil
Stevens, Cheryl
Thornton, Selene
Watts, Karen
Worthington, Elizabeth

Human Resources

Elston, Sonja
Fenter, Laurie
Huerta, Marcy
Jones, Veronica
Nobles, Faith
Rogers, Cynthia
Williams, Betty

Information Technology

Abbondanza III, Nicholas
*Bennett, Justin
Castellanos, Marcus
Ferris, Staci
Holman, Robert
*Madore, Frederick
Nguyen, Kimonah
Platt, Christopher
Sanchez, Anthony
Sandstrom, Stephen
Smith, Cheryl
Smith, Lon
Stratton, Katherine

Instruction

Aberam, Christine
Aceves, Angela
Adams, Cinda
Alvarado, Nancy
Ames, Becky
Aquino, Maria
Ballou, Justin
Brais, Kimberly
Brandenberg, Janet
Breman, Paul
Bridge, Dawn
Brillinger, Laura
Bruce, William
Burse Jr., Charles
Cabral, Paula
Camper, Janyt
Chavez, Amanda
Cid, Ubaldo
Cliburn, Brandy
Coromandel, Kendra
Cox, Mary
Crimmy, Rosemarie
Cuevas, Araceli
Darnell, Sandra
Davis, Anita
Davis, Teresa

Departments

DiMemmo, Kristine
Dominguez, Alma
Dual, Toni
Dumas, Mark
Duncan-Moses, Constance
Edghill, Hallam
Edhoma, Elaine
Excell-Wertman, Shelley
Feils, James
Gasman, Janet
Gault, Catherine
Giacalone, Susan
Greathouse, Damien
Hampson, Jenelle
Hayahihara, Leo
Hill, Constance
Hodge, Cheri
Ihig, Betty
King, Susan
Kiser, Christopher
Kley, Kristine
Kneland, Jennifer
Kovalchuk, Vyacheslav
Kuzminsky, Kathryn
Lapherie, Jill
Larmore, Lorraine
Lee, Randi
Lovato, Roxanna
Love, Monica
Mann, Lynnette
Marrs, Jamie
Mata, Susanne
Mckee, Deborah
Melsheimer, Ronda
Morales, Adrianna
Munoz, Kathleen
Nevarez, Jo Ann
Ney, Laurie
Norris, Mark
Olson, Shelley
Ott, Melissa
Perez-Flores, Debra
Pickens, Jennifer
Ponio, Kathryn
Prentice, Cynthia
Putnam, Marta
Ramirez, Maria
Randhawa, Amrik
Reyes, Milton
Rhodes, Diane
Rodriguez, Colleen
Rozo, Cindy
Rutio, Wanahakati
Russell, Rose
Sawyer, Sherri
Sayama, Hiromi
Seavey, Angela
Serna, Remigio
Shaw, Raymond
Son, Lina
Stantz, Carrie
Stearns, John
Stolk, Robert
Taylor, Sandra
Thorn, Vinson

Mt. San Jacinto College 2013-2014 Catalog 311
District Personnel

Torrence, Lily
Tirado, Velia
Turner, Tessa
*Valcarcel, Katheryn
Vandover, Kristen
Vandewater, Tina
Vera, Rachael
Vesey, Debra
Villafuerte, Julieanne
Vilums, Robert
Weiss, Stephanie
Williams, Patricia

Library
Harvey, Theresa
Maggard, Jeanne
Parson, Karen
Pipes, Robert
Pitt, Tracy
Reese, Vali
Walker, Adrienne

Planning, Research & Grants
Grace, Debra
*Howard, Regina
Mesaris, Nikilos

Public Information/Marketing
Cason, Stephanie
Lowery, Carol

Student Services
Aceves, Eva
Albrecht, Meghan
Armstrong, Sharon
Ashorn, Alicia
Barbera, Angela
Bowles, Elizabeth
Bradfords, Tanisha
Brails, Nathan
Bravo, Aimee
Bravo, Esmeralda
Brown, John
Brunken, David
Chea, Lota
Chinglee, Cynthia
Crawford, Martha
Davis, Jared
Farinas, Maria
Frontino, Fred
Furr, Bernadette
Garcia, Ermelinda
Gleason, Debra
Goebel, Meredith
Higuera, Araceli
Jackson, Carla
Jones, Renee
Lample, Joseph
Magana, Lydia
Mapes, Mary
Marquez, Giovanna
Mascaro, Elizabeth
Mata Leon Juan
Marquez, Karla
*McCurdy, Janet
Mitchell, Rebecca
Montano, Mary
Mozga, Christopher
Orchard, Margaret
Orlauskis, Rebecca
Padilla, Jacqueline
Paez, Selena
Parker, Robert
Pieper, Edelina
Plascencia, Michelle
Pyle, Tara
Ragsdale, Jennie
Ramos, Betsaida
Rivera, Sebastian
Rivero, Mayda
Rodriguez, Jessica
Tate, Dana
Ucker, Alesha
Uhrlig, Sandra
Valdez, Vanessa
Watson, Gary
Weakly, Jenna
*Williams, Shanae
Witt, Dawn
Yansane, Sekou

Superintendent/President’s Office
Grimes, Kristen
*Navarro, Lesia

Support Services
Anderson, Myron
Brissette, Helen
Chum, Titou
Ciarlo, Titou
*Cunningham, Tamara
Escalera, Rac
*Guglielmina, Ron
Holt, Dorene
Hornback, Ella
Hornback, Mandie
Kaiser, William
Ledesma, Aristeo
Long, Brett
Naish, Justin
Ramirez, Anthony
Runner, Steven
Tercero, Christian
Walker-Leach, Patrice
Wellington, Jordan
*Wellington-Maxon, Kathleen

As of 04/24/13
# Index

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Books and Supplies ...........................................</td>
</tr>
<tr>
<td>Brandman University ...........................................</td>
</tr>
<tr>
<td>(formerly Chapman University College) .....................</td>
</tr>
<tr>
<td>Business: Business Administration .........................</td>
</tr>
<tr>
<td>Business: Programs Overview ..................................</td>
</tr>
<tr>
<td>Certificate in Advanced Audio Technology .................</td>
</tr>
<tr>
<td>Certificate in Alcohol/Drug Studies ........................</td>
</tr>
<tr>
<td>Certificate in Automotive/Transportation Technology ....</td>
</tr>
<tr>
<td>Certificate in Business Administration ..................</td>
</tr>
<tr>
<td>Certificate in Business, Clerical ..........................</td>
</tr>
<tr>
<td>Certificate in Business, Office Administration Technician</td>
</tr>
<tr>
<td>Certificate in Child Development and Education ..........</td>
</tr>
<tr>
<td>Certificate in Criminal Justice ............................</td>
</tr>
<tr>
<td>Certificate in Drafting/Technical Arts ....................</td>
</tr>
<tr>
<td>Certificate in Fire Technology ..............................</td>
</tr>
<tr>
<td>Certificate in General Track ................................</td>
</tr>
<tr>
<td>Certificate in Geologic Sciences ...........................</td>
</tr>
<tr>
<td>Certificate in Internet Authoring ..........................</td>
</tr>
<tr>
<td>Certificate in Management/Supervision .....................</td>
</tr>
<tr>
<td>Certificate in Medical Assisting ...........................</td>
</tr>
<tr>
<td>Certificate in Multimedia .................................</td>
</tr>
<tr>
<td>Certificate in Music ..........................................</td>
</tr>
<tr>
<td>Certificate in Music Technology .........................</td>
</tr>
<tr>
<td>Certificate in Networking ....................................</td>
</tr>
<tr>
<td>Certificate in Photography ..................................</td>
</tr>
<tr>
<td>Certificate in Programming ..................................</td>
</tr>
<tr>
<td>Certificate in Real Estate ..................................</td>
</tr>
<tr>
<td>Certificate in Small Business Operations ................</td>
</tr>
<tr>
<td>Certificate in Technical Theater ..........................</td>
</tr>
<tr>
<td>Certificate in Turf &amp; Landscape Management ..............</td>
</tr>
<tr>
<td>Certificate in Water Technology ...........................</td>
</tr>
<tr>
<td>Challenge Procedure ..........................................</td>
</tr>
<tr>
<td>Change of Address ............................................</td>
</tr>
<tr>
<td>Changes, Program .............................................</td>
</tr>
<tr>
<td>Chapman University College ..................................</td>
</tr>
<tr>
<td>Chemistry .......................................................</td>
</tr>
<tr>
<td>Child Development and Education ............................</td>
</tr>
<tr>
<td>Child Development and Teacher Training Center ..........</td>
</tr>
<tr>
<td>Children ..........................................................</td>
</tr>
<tr>
<td>Children on Campus ...........................................</td>
</tr>
<tr>
<td>Chorale Group ..................................................</td>
</tr>
<tr>
<td>Classes, Schedule of ..........................................</td>
</tr>
<tr>
<td>Classified Staff ..................................................</td>
</tr>
<tr>
<td>CLEP Examination Equivalents ................................</td>
</tr>
<tr>
<td>Colleges, Assessments From Other ..........................</td>
</tr>
<tr>
<td>Commitment to Quality .......................................</td>
</tr>
<tr>
<td>Communication Studies ........................................</td>
</tr>
<tr>
<td>Complaint and Grievance Procedures ........................</td>
</tr>
<tr>
<td>Complaints .............................................................</td>
</tr>
<tr>
<td>Complaints, False ...............................................</td>
</tr>
<tr>
<td>Computer Information Systems ................................</td>
</tr>
<tr>
<td>Confidentiality ..................................................</td>
</tr>
<tr>
<td>Conflicts, Time ...................................................</td>
</tr>
<tr>
<td>Continuing Education .........................................</td>
</tr>
<tr>
<td>Cooperative Agencies Resources for Education (CARE) ....</td>
</tr>
<tr>
<td>Cooperative Work Experience Education ....................</td>
</tr>
<tr>
<td>Cooperative Work Experience Education (CWEE) ...........</td>
</tr>
<tr>
<td>Copies, Refusal to Provide ...................................</td>
</tr>
<tr>
<td>Corequisite ..........................................................</td>
</tr>
<tr>
<td>Correction of Education Records ............................</td>
</tr>
<tr>
<td>Counseling ..........................................................</td>
</tr>
<tr>
<td>Course Numbering System ........................................</td>
</tr>
<tr>
<td>Course Repetition ...............................................</td>
</tr>
<tr>
<td>Credit by Examination ..........................................</td>
</tr>
<tr>
<td>Credit, Unit of ....................................................</td>
</tr>
<tr>
<td>Crime .................................................................</td>
</tr>
<tr>
<td>Cross Enrollment ................................................</td>
</tr>
<tr>
<td>CSU .................................................................</td>
</tr>
<tr>
<td>Cultural Events ..................................................</td>
</tr>
<tr>
<td>CWEE .................................................................</td>
</tr>
<tr>
<td>Dance .................................................................</td>
</tr>
<tr>
<td>Degree, Associate .................................................</td>
</tr>
<tr>
<td>Degrees, Associate .............................................</td>
</tr>
<tr>
<td>A.A. in Advanced Audio Technology ........................</td>
</tr>
<tr>
<td>A.A. in American Indian Studies ............................</td>
</tr>
<tr>
<td>A.A. in Art ...........................................................</td>
</tr>
<tr>
<td>A.A. in Audio Technology ......................................</td>
</tr>
<tr>
<td>A.A. in Communication Studies ...............................</td>
</tr>
<tr>
<td>A.A. in Dance .......................................................</td>
</tr>
<tr>
<td>A.A. in English ....................................................</td>
</tr>
<tr>
<td>A.A. in Humanities .................................................</td>
</tr>
<tr>
<td>A.A. in Liberal Arts ...............................................</td>
</tr>
<tr>
<td>A.A. in Music .......................................................</td>
</tr>
<tr>
<td>A.A. in Musical Theater ........................................</td>
</tr>
<tr>
<td>A.A. in Physical Education ......................................</td>
</tr>
<tr>
<td>A.A. in Social/Behavioral Sciences ..........................</td>
</tr>
<tr>
<td>A.A. in Theater Arts ...............................................</td>
</tr>
<tr>
<td>A.A. in Visual Communication (Graphic Design) ..........</td>
</tr>
<tr>
<td>AA-T in Anthropology for Transfer ..........................</td>
</tr>
<tr>
<td>AA-T in Photography for Transfer ............................</td>
</tr>
<tr>
<td>AA-T in Political Science for Transfer .......................</td>
</tr>
<tr>
<td>A.S. in Administration of Justice ............................</td>
</tr>
<tr>
<td>A.S. in Alcohol/Drug Studies ..................................</td>
</tr>
<tr>
<td>A.S. in Automotive/Transportation Technology .............</td>
</tr>
<tr>
<td>A.S. in Business Administration .............................</td>
</tr>
<tr>
<td>A.S. in Child Development and Education .................</td>
</tr>
<tr>
<td>A.S. in Child Development and Education .................</td>
</tr>
<tr>
<td>A.S. in Computer Information Systems ......................</td>
</tr>
<tr>
<td>A.S. in Diagnostic Medical Sonography .....................</td>
</tr>
<tr>
<td>A.S. in Early Intervention and Inclusion ....................</td>
</tr>
<tr>
<td>A.S. in Engineering: Drafting Technology ...................</td>
</tr>
<tr>
<td>A.S. in Environmental Studies ..................................</td>
</tr>
<tr>
<td>A.S. in Fire Technology ..........................................</td>
</tr>
<tr>
<td>A.S. in Geographic Information Systems ....................</td>
</tr>
</tbody>
</table>
### Index

<table>
<thead>
<tr>
<th>A.S. in Legal Assistant</th>
<th>151</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.S. in Management/Supervision</td>
<td>156</td>
</tr>
<tr>
<td>A.S. in Medical Assisting</td>
<td>100, 160</td>
</tr>
<tr>
<td>A.S. in Multimedia</td>
<td>161</td>
</tr>
<tr>
<td>A.S. in Nursing</td>
<td>166</td>
</tr>
<tr>
<td>A.S. in Office Administration</td>
<td>116</td>
</tr>
<tr>
<td>A.S. in Photography</td>
<td>170</td>
</tr>
<tr>
<td>A.S. in Real Estate</td>
<td>179</td>
</tr>
<tr>
<td>A.S. in Science</td>
<td>179</td>
</tr>
<tr>
<td>A.S. in Technical Theater</td>
<td>183</td>
</tr>
<tr>
<td>A.S. in Water Technology</td>
<td>187</td>
</tr>
<tr>
<td>AS-T in Business Administration for Transfer</td>
<td>112</td>
</tr>
<tr>
<td>AS-T in Early Childhood Education for Transfer</td>
<td>119</td>
</tr>
<tr>
<td>AS-T in Mathematics for Transfer</td>
<td>157</td>
</tr>
<tr>
<td>Degrees, Award of Multiple</td>
<td>82</td>
</tr>
<tr>
<td>Department Telephone Directory</td>
<td>5</td>
</tr>
<tr>
<td>Descriptions, Course</td>
<td>89</td>
</tr>
<tr>
<td>Determination of Residency</td>
<td>20</td>
</tr>
<tr>
<td>Diagnostic Medical Sonography</td>
<td>132</td>
</tr>
<tr>
<td>Directory Information</td>
<td>29</td>
</tr>
<tr>
<td>Disabled Students Programs and Services (DSP&amp;S)</td>
<td>72</td>
</tr>
<tr>
<td>Discipline</td>
<td>66</td>
</tr>
<tr>
<td>Disclaimer</td>
<td>11</td>
</tr>
<tr>
<td>Disclosure</td>
<td>29</td>
</tr>
<tr>
<td>Disclosure, Record of Request for</td>
<td>30</td>
</tr>
<tr>
<td>Dismissal</td>
<td>34</td>
</tr>
<tr>
<td>District Personnel</td>
<td>303</td>
</tr>
<tr>
<td>District Responsibilities</td>
<td>18</td>
</tr>
<tr>
<td>District’s Response to Reports of Discrimination</td>
<td>61</td>
</tr>
<tr>
<td>Documentation Notice</td>
<td>34</td>
</tr>
<tr>
<td>Drafting Technology</td>
<td>134</td>
</tr>
<tr>
<td>Drops</td>
<td>26</td>
</tr>
<tr>
<td>DSP&amp;S</td>
<td>72</td>
</tr>
<tr>
<td>Database Programming ECC</td>
<td>125</td>
</tr>
<tr>
<td>Deaf Culture ECC</td>
<td>119</td>
</tr>
<tr>
<td>Dual Diagnosis ECC</td>
<td>98</td>
</tr>
<tr>
<td>Early Childhood Special Education ECC</td>
<td>119</td>
</tr>
<tr>
<td>Elementary Education ECC</td>
<td>119</td>
</tr>
<tr>
<td>Embedded Systems Programming ECC</td>
<td>125</td>
</tr>
<tr>
<td>Emergency Medical Technician (EMT) Advanced ECC</td>
<td>100, 160</td>
</tr>
<tr>
<td>Emergency Medical Technician (EMT) ECC</td>
<td>100, 160</td>
</tr>
<tr>
<td>Engineering ECC</td>
<td>143</td>
</tr>
<tr>
<td>Engine Performance Technician ECC</td>
<td>109</td>
</tr>
<tr>
<td>Entrepreneurship ECC</td>
<td>112</td>
</tr>
<tr>
<td>Event Operations Management ECC</td>
<td>112</td>
</tr>
<tr>
<td>Fire Academy Preparation ECC</td>
<td>142</td>
</tr>
<tr>
<td>Fire Apparatus Operator Preparation ECC</td>
<td>142</td>
</tr>
<tr>
<td>General Technician ECC</td>
<td>109</td>
</tr>
<tr>
<td>Geographic Information Systems ECC</td>
<td>143</td>
</tr>
<tr>
<td>Golf and Grounds ECC</td>
<td>185</td>
</tr>
<tr>
<td>Graphic Design ECC</td>
<td>106</td>
</tr>
<tr>
<td>Green Collar Manufacturing ECC</td>
<td>134</td>
</tr>
<tr>
<td>Health &amp; Safety ECC</td>
<td>119</td>
</tr>
<tr>
<td>Honda Fast Track ECC</td>
<td>109</td>
</tr>
<tr>
<td>Human Services ECC</td>
<td>182</td>
</tr>
<tr>
<td>Infant/Toddler ECC</td>
<td>119</td>
</tr>
<tr>
<td>Internet and Web Technologies ECC</td>
<td>124</td>
</tr>
<tr>
<td>Internet Authoring Apprentice ECC</td>
<td>124</td>
</tr>
<tr>
<td>Internet Authoring Journeyman ECC</td>
<td>124</td>
</tr>
<tr>
<td>Irrigation Technician ECC</td>
<td>185</td>
</tr>
<tr>
<td>Java Programming ECC</td>
<td>125</td>
</tr>
<tr>
<td>Landscape Operation ECC</td>
<td>185</td>
</tr>
<tr>
<td>Language and Literacy ECC</td>
<td>119</td>
</tr>
<tr>
<td>LAN/WAN Administration CCNA ECC</td>
<td>124</td>
</tr>
<tr>
<td>Leadership ECC</td>
<td>150</td>
</tr>
<tr>
<td>Legal Office Support ECC</td>
<td>151</td>
</tr>
<tr>
<td>Linux System Administrator ECC</td>
<td>124</td>
</tr>
<tr>
<td>Management Communications ECC</td>
<td>112</td>
</tr>
<tr>
<td>Manufacturing Quality Assurance ECC</td>
<td>134</td>
</tr>
<tr>
<td>Microsoft Certified Systems Administrator (MCSE) ECC</td>
<td>125</td>
</tr>
<tr>
<td>Microsoft Office Applications Developer ECC</td>
<td>124</td>
</tr>
<tr>
<td>Multimedia ECC</td>
<td>143</td>
</tr>
<tr>
<td>Networking Technologies Apprentice ECC</td>
<td>124</td>
</tr>
<tr>
<td>Nutrition ECC</td>
<td>119</td>
</tr>
<tr>
<td>Office Communications ECC</td>
<td>116</td>
</tr>
<tr>
<td>OpenOffice Specialist ECC</td>
<td>124</td>
</tr>
<tr>
<td>Professional Development ECC</td>
<td>112</td>
</tr>
<tr>
<td>Programming ECC</td>
<td>143</td>
</tr>
<tr>
<td>Project Management ECC</td>
<td>112</td>
</tr>
<tr>
<td>Python Programming ECC</td>
<td>125</td>
</tr>
<tr>
<td>Real Estate Appraisal ECC</td>
<td>178</td>
</tr>
<tr>
<td>Records Management ECC</td>
<td>116</td>
</tr>
<tr>
<td>School-Age Child Care ECC</td>
<td>119</td>
</tr>
<tr>
<td>Science ECC</td>
<td>119</td>
</tr>
<tr>
<td>Security Certified Network Professional (SCNP) ECC</td>
<td>125</td>
</tr>
<tr>
<td>Service Desk Hardware Support ECC</td>
<td>124</td>
</tr>
<tr>
<td>Service Desk Software Support ECC</td>
<td>124</td>
</tr>
<tr>
<td>Small Wind Energy Technology ECC</td>
<td>134</td>
</tr>
<tr>
<td>Solar Photovoltaic Technology ECC</td>
<td>134</td>
</tr>
<tr>
<td>Solar Thermal Technology ECC</td>
<td>134</td>
</tr>
<tr>
<td>SQL Programming ECC</td>
<td>125</td>
</tr>
<tr>
<td>Surveying ECC</td>
<td>134</td>
</tr>
<tr>
<td>Sustainable Energy Management for Business ECC</td>
<td>112</td>
</tr>
<tr>
<td>Video Production ECC</td>
<td>161</td>
</tr>
<tr>
<td>Vineyard, Enology and Winery Technology ECC</td>
<td>185, 186</td>
</tr>
<tr>
<td>Virtual Office Professional ECC</td>
<td>116</td>
</tr>
<tr>
<td>Visual Basic Programming ECC</td>
<td>125</td>
</tr>
<tr>
<td>Visual Design ECC</td>
<td>143</td>
</tr>
</tbody>
</table>

---

**E**

- Eagle Access Center | 73
- Earth Science | 174
- Economics | 133
- Eligibility, Student | 74
- Employees | 66
- Employees, Students and | 66
- Employment Concentration Certificates | 84
- Accounting and Tax Preparation ECC | 112
- Accounting Applications ECC | 112
- Administration ECC | 119
- Animation Production ECC | 161
- Art ECC | 119
- Assistant Teacher ECC | 119
- Associate Teacher ECC | 119
- Automotive Emission Technician ECC | 109
- Automotive Service Advisor/Automotive Service Shop Management ECC | 109
- Certified Nursing Assistant/Home Health Aide (CNA/HHA) ECC | 100, 160
- Communication ECC | 119
- Computer Forensics ECC | 97, 124
- Computer Hardware Specialist ECC | 124
- Corrections ECC | 97
- C++ Programming ECC | 125
- Data Analysis and Modeling ECC | 124
- Database Administration ECC | 125
- Database Developer ECC | 125
- Database Operator ECC | 125
- Database Programming ECC | 125
- Deaf Culture ECC | 119
- Dual Diagnosis ECC | 98
- Early Childhood Special Education ECC | 119
- Elementary Education ECC | 119
- Embedded Systems Programming ECC | 125
- Emergency Medical Technician (EMT) Advanced ECC | 100, 160
- Emergency Medical Technician (EMT) ECC | 100, 160
- Engineering ECC | 143
- Engine Performance Technician ECC | 109
- Entrepreneurship ECC | 112
- Event Operations Management ECC | 112
- Fire Academy Preparation ECC | 142
- Fire Apparatus Operator Preparation ECC | 142
- General Technician ECC | 109
- Geographic Information Systems ECC | 143
- Golf and Grounds ECC | 185
- Graphic Design ECC | 106
- Green Collar Manufacturing ECC | 134
- Health & Safety ECC | 119
- Honda Fast Track ECC | 109
- Human Services ECC | 182
- Infant/Toddler ECC | 119
- Internet and Web Technologies ECC | 124
- Internet Authoring Apprentice ECC | 124
- Internet Authoring Journeyman ECC | 124
- Irrigation Technician ECC | 185
- Java Programming ECC | 125
- Landscape Operation ECC | 185
- Language and Literacy ECC | 119
- LAN/WAN Administration CCNA ECC | 124
- Leadership ECC | 150
- Legal Office Support ECC | 151
- Linux System Administrator ECC | 124
- Management Communications ECC | 112
- Manufacturing Quality Assurance ECC | 134
- Microsoft Certified Systems Administrator (MCSE) ECC | 125
- Microsoft Office Applications Developer ECC | 124
- Multimedia ECC | 143
- Networking Technologies Apprentice ECC | 124
- Nutrition ECC | 119
- Office Communications ECC | 116
- OpenOffice Specialist ECC | 124
- Professional Development ECC | 112
- Programming ECC | 143
- Project Management ECC | 112
- Python Programming ECC | 125
- Real Estate Appraisal ECC | 178
- Records Management ECC | 116
- School-Age Child Care ECC | 119
- Science ECC | 119
- Security Certified Network Professional (SCNP) ECC | 125
- Service Desk Hardware Support ECC | 124
- Service Desk Software Support ECC | 124
- Small Wind Energy Technology ECC | 134
- Solar Photovoltaic Technology ECC | 134
- Solar Thermal Technology ECC | 134
- SQL Programming ECC | 125
- Surveying ECC | 134
- Sustainable Energy Management for Business ECC | 112
- Video Production ECC | 161
- Vineyard, Enology and Winery Technology ECC | 185, 186
- Virtual Office Professional ECC | 116
- Visual Basic Programming ECC | 125
- Visual Design ECC | 143

---

Mt. San Jacinto College 2013-2014 Catalog

315
# Index

| Web Design ECC | 161 |
| Engineering Technology | 134 |
| English | 136 |
| English as a Second Language | 139 |
| English As a Second Language (ESL) Sequence | 139 |
| English Curriculum Flowchart | 138 |
| Enology and Winery Technology | 186 |
| Enrollment Fee Waiver | 25 |
| Enrollment, Other Limitations on | 90 |
| Enrollment, Policy on | 17 |
| Enrollment Priorities | 19 |
| Enrollment Services | 73 |
| Environmental Studies | 140 |
| EOP&S | 73 |
| Equity, Student | 77 |
| Equivalent | 35 |
| ESL Credit | 34 |
| Evaluation | 82 |
| Evaluative | 32 |
| Evening Classes | 23 |
| Examinations, Final | 31 |
| Exemption, California Non-Resident Tuition | 26 |
| Explanation of General Education Options | 83 |
| Extended Opportunity Programs & Services EOP&S | 73 |

## F

| Fall/Spring Terms | 21 |
| Family Educational Rights and Privacy Act (FERPA) | 28 |
| Fees | 22, 25 |
| FERPA | 28 |
| Financial Aid | 74 |
| Fire Technology | 142 |
| First Degree from Another College | 82 |
| First Degree from MSJC | 82 |
| Foreign Country Units | 45 |
| Formal Investigation | 66 |
| Foundation, Mt. San Jacinto College | 16 |
| Freedom of Speech | 68 |
| Frequently Dialed Numbers | 4 |
| Full-time | 37, 78 |

## G

| General Education | 83 |
| General Education-Breadth Agreements for Transfer | 86 |
| General Education Certification | 83 |
| Geographic Information Systems | 143 |
| Geography | 143 |
| Geology | 174, 175 |
| Gironde De No Discriminación | 11 |
| GPA | 32, 34, 37, 38, 40, 83, 148, 167, 168 |
| Grade Change Policy | 33 |
| Grades, Alleviate Substandard | 35 |
| Grading Policy | 32 |
| Graduation | 82 |
| Graduation Honors | 37 |
| Graduation Requirements | 82 |
| Graphic Design | 106 |
| Guarantee of Nondiscrimination | 11 |
| Guidance | 146 |

## H

| Health | 146 |
| Health and Nutrition | 146 |
| High School Students | 21 |
| History | 13, 147 |
| Honor List | 37 |
| Honors | 37 |
| Honors Enrichment Program | 148 |
| Graduation Honors | 37 |
| Horticulture | 186 |
| Housing | 75 |
| How can I apply for EOP&S? | 74 |
| Humanities | 149 |

## I

| Informal Complaint Resolution Chart - Appendix B | 58 |
| Initial Investigation | 65 |
| Institutional Learning Outcomes | 12 |
| Institutional Priorities | 12 |
| Instructional Programs | 98 |
| Alcohol/Drug Studies | 100 |
| Allied Health | 101 |
| American Indian Studies | 103 |
| American Sign Language | 104 |
| Anthropology | 106 |
| Art | 106 |
| Audio & Video Technology | 108 |
| Automotive/Transportation Technology | 109 |
| Biological Sciences | 111 |
| Business | 112 |
| Child Development and Education | 119 |
| Communication Studies | 123 |
| Computer Information Systems | 124 |
| Dance | 130 |
| Diagnostic Medical Sonography | 132 |
| Drafting | 134 |
| Economics | 133 |
| Engineering Technology | 134 |
| English | 136 |
| English as a Second Language | 139 |
| Environmental Studies | 140 |
| Fire Technology | 142 |
| Guidance | 146 |
| Health | 146 |
| History | 147 |
| Honors Enrichment Program | 148 |
| Humanities | 149 |
| Leadership | 150 |
| Learning Skills Program | 151 |
| Legal Assistant | 151 |
| Liberal Arts | 153 |
| Management/Supervision | 156 |
| Mathematics | 157 |
| Medical Assisting | 160 |
| Multimedia | 161 |
| Music | 163 |
| Musical Theater | 165 |
| Nursing | 166 |
| Nutrition | 146 |
| Occupational Internship | 169 |
| Philosophy | 169 |
| Photography | 170 |
Physical Education ................................................................. 172
Physical Sciences ................................................................. 174
Political Science ................................................................. 175
Psychology ............................................................. 176
Public Administration .......................................................... 177
Reading ................................................................. 178
Real Estate ................................................................. 178
Science ................................................................. 179
Social/Behavioral Sciences ......................................................... 181
Sociology ................................................................. 182
Theater Arts ................................................................. 183
Turf & Landscape Management ........................................... 185
Viticulture, Enology and Winery Technology ................................ 186
Water Technology ......................................................... 187
World Languages ............................................................. 188
Intent .................................................................................. 20
International Baccalaureate ....................................................... 44
International Students .............................................................. 23
IP ......................................................................................... 33
Irrigation Technician ................................................................. 185

Knowing Your Responsibilities ................................................. 31

L

Landscape Operation ............................................................... 185
Lapse of Time ........................................................................ 36
Law Enforcement .................................................................... 45
Leadership .............................................................................. 150
Learning Center ..................................................................... 75
Learning Outcomes ................................................................ 12
Learning Skills Program ......................................................... 151
Learning Skills Program (LSP) ................................................... 75
Legal Assistant ...................................................................... 151
Liberal Arts ............................................................................. 153
Library Science ....................................................................... 260
Library Services ...................................................................... 76
Limitations of Basic Skills .......................................................... 34
Limitations on Enrollment ......................................................... 19, 89
Limitations, Schedule .............................................................. 37
Load, Maximum Unit ............................................................... 23
Load, Minimum .......................................................................... 37
Location ................................................................................... 12
LSP ......................................................................................... 75

M

Majors .................................................................................... 81
Management/Supervision ................................................................ 156
Math Curriculum Flowchart ....................................................... 159
Mathematics ............................................................................. 83, 157
Matriculation .......................................................................... 18
Maximum Unit Load ................................................................ 23
Measures, Multiple ................................................................... 18
Medical Assisting ...................................................................... 160
Meeting, Attendance at First Class ................................................. 31
Military Credit ........................................................................... 45
Military Withdrawal ................................................................. 26
Minimum Load .......................................................................... 37
Mission Statement .................................................................... 12
MSJC, First Degree from ........................................................... 82

MSJC Standards of Satisfactory Progress for Financial Aid
Eligibility .................................................................................. 75
MSJC Student Grievance Form - Appendix D ................................ 60
Multimedia ................................................................................. 161
Multiple Enrollments ............................................................... 36
Multiple Enrollments Policy for Earning College Credit ............. 40
Music ......................................................................................... 163
Musical Theater ........................................................................ 165
MW ......................................................................................... 33
my.msjc.edu ........................................................................... 79

N

National University ................................................................... 86
Nondiscrimination Policy ......................................................... 61
Non-Evaluative Symbols .............................................................. 32
Non-Residents .......................................................................... 26
Non-Resident Tuition ............................................................... 25
Non-Transferable Courses ......................................................... 87
Notice ......................................................................................... 69
Nursing ....................................................................................... 166
Nursing Credit ............................................................................ 45
Nutrition ....................................................................................... 146

O

Obligations, Outstanding ............................................................. 27
Occupational Internship ............................................................. 45, 87, 169
Off-Campus Centers ................................................................ 24
Office Administration ............................................................... 116
Office of Justice ......................................................................... 97
Older Adult Program ................................................................. 302
One-half time ........................................................................... 37
Online .......................................................................................... 24
Option A ................................................................................... 81, 83, 91
Option B ....................................................................................... 83
Option C ....................................................................................... 83
Other Fees .................................................................................. 25

P

Pass/No Pass .............................................................................. 33
Pay ......................................................................................... 25
Period, One-Year Waiting .......................................................... 21
Petition ....................................................................................... 33
Philosophy ................................................................................. 169
Photography .............................................................................. 170
Physical Education .................................................................... 172
Physical Sciences ........................................................................ 174
Physics ....................................................................................... 174, 175
Placement, Course ..................................................................... 17
Planning, Program ..................................................................... 89
Policy, Financial Aid Refund/Repayment .................................... 75
Policy for Earning College Credit ................................................. 38, 45
Advanced Placement .................................................................. 40
AP ......................................................................................... 40
CLEP ......................................................................................... 38
Credit by Examination ............................................................... 38
Enrollment .................................................................................. 38
Foreign Country Units ............................................................... 45
Law Enforcement ........................................................................ 45
Military Credit ............................................................................ 45
Nursing Credit ............................................................................ 45

Mt. San Jacinto College 2013-2014 Catalog
Index

Occupational Internship ................................................. 45
Petitions Procedure ....................................................... 45
Tech Prep ................................................................. 38
Testing ......................................................................... 38
Political Science .......................................................... 175
Posting, Campus ......................................................... 69
Preparation, Recommended .............................................. 90
Prerequisite .................................................................... 90
Prerequisites, Challenging ............................................. 90
Presence, Physical ......................................................... 20
President’s Honor List .................................................... 37
Privacy Act .................................................................... 28, 29
Private Universities ....................................................... 85
Probation, Removal from ............................................. 34
Procedure, Petitions ..................................................... 45
Procedures ..................................................................... 45
Procedures, Complaint .................................................. 64
Procedure to Inspect Records .........................................
  Fees for Copies of Records ........................................... 29
  Refusal to Provide Copies ............................................ 29
  Right to Refuse Access ............................................... 29
Program Changes ......................................................... 36
Programs, Transfer ....................................................... 85
Progress Dismissal ....................................................... 34
Progress Probation ........................................................ 34
Psychology .................................................................... 176
Public Administration ................................................... 177
Public Universities ....................................................... 85
Puente Program ........................................................... 76

Q

Qualification .................................................................... 23

R

RD Report Delayed ......................................................... 33
Reading ......................................................................... 83, 178
Real Estate ..................................................................... 178
Reclassification .............................................................. 20
Recommended Preparation .......................................... 90
Records ......................................................................... 29, 67
Records, Fees for Copies of ........................................... 29
Refund Policy ............................................................... 26
Registered Nursing ....................................................... 166
Registration, Priority ..................................................... 19
Registration Process ..................................................... 19
Regulations, College .................................................... 70
Repeatable Courses ...................................................... 35
Reports of Discrimination ............................................. 61
Residence, Establishing ............................................... 20
Residence Requirements for Graduation ......................... 83
Residency Requirements .............................................. 19
Residents ....................................................................... 26
Retaliation ...................................................................... 66
Retesting ........................................................................ 18
Revision of College Regulations .................................... 70
Right to Representation and Other Legal Rights ............... 66
Rule, Exceptions to Residency ....................................... 21

S

Schedule Limitations ..................................................... 37
Scholarship Requirements for Graduation ....................... 83
Scholarships .................................................................... 76
Science ......................................................................... 179
Services, Career .......................................................... 71
Services, Transfer ........................................................ 71
Sexual Harassment Policy .............................................. 62
SGA Sticker ................................................................... 27
Short-Term ...................................................................... 24
Skills, Basic .................................................................... 34
Smoking Policy ............................................................. 70
Social/Behavioral Sciences .......................................... 181
Sociology ........................................................................ 182
Solomon Amendment .................................................... 31
Special Needs .................................................................. 18
Special Projects ........................................................... 87
Special Students Below Grade 9 .................................... 22
Spring/Fall Sessions Refund ......................................... 26
Standards for Probation ................................................ 34
Standards of Conduct .................................................... 46
Statement on Professional Ethics ................................... 14
Statement Regarding Formal and Informal Complaint
  Procedures ................................................................. 61
Student Discipline Procedures ....................................... 47, 48
Student Government Association (SGA) ......................... 77
Student Grievance ....................................................... 61
Student Records .......................................................... 28
Student Responsibilities ............................................... 18
Student Rights and Grievance Process ......................... 53
Student Rights and Grievance Process - Appendix A ....... 57
Students, Process for All .............................................. 22
Study Abroad ............................................................... 77
Summary of Informal Complaint Process - Appendix C .... 59
Summer Session .......................................................... 22
Summer Session Refund .............................................. 27
Symbols, Non-Evaluative .............................................. 32

T

Talent Search ................................................................. 77
Technical Theater ......................................................... 183
Tech Prep ...................................................................... 38
Telephone Numbers .................................................... 4
Textbook Refund Policy ............................................... 28
Theater Arts ................................................................. 183
The Importance of Education ....................................... 15
Three-fourth time ......................................................... 37
time, ½ ......................................................................... 78
time, ¾ ......................................................................... 78
Time Conflicts ............................................................. 36
Total Non-Resident Tuition per unit ................................. 25
Training ...................................................................... 67
Transcripts ................................................................. 36
Transferable Courses .................................................. 87
Transferable Curriculum ............................................. 86
Transfer and Articulation ............................................. 85
Alliant Bound Scholarship Program .............................. 85
Brandyman University (formerly Chapman University College) 85
California State University, San Bernardino ................. 85
<table>
<thead>
<tr>
<th>Index</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>California State University, San Marcos</td>
<td>85</td>
</tr>
<tr>
<td>Chapman University College</td>
<td>85</td>
</tr>
<tr>
<td>National University</td>
<td>86</td>
</tr>
<tr>
<td>University of California, Los Angeles</td>
<td>85</td>
</tr>
<tr>
<td>University of California Transfer Admission Guarantee Program (2013–14)</td>
<td>85</td>
</tr>
<tr>
<td>University of Redlands - School of Business - Temecula</td>
<td>86</td>
</tr>
<tr>
<td>Transfer Degrees</td>
<td></td>
</tr>
<tr>
<td>A.A. in American Indian Studies</td>
<td>101</td>
</tr>
<tr>
<td>A.A. in Communication Studies</td>
<td>123</td>
</tr>
<tr>
<td>A.A. in English</td>
<td>136</td>
</tr>
<tr>
<td>A.A. in Liberal Arts</td>
<td>153</td>
</tr>
<tr>
<td>A.A. in Visual Communication</td>
<td>160</td>
</tr>
<tr>
<td>AA-T in Anthropology for Transfer</td>
<td>104</td>
</tr>
<tr>
<td>AA-T in Geography for Transfer</td>
<td>143</td>
</tr>
<tr>
<td>AA-T in Political Science for Transfer</td>
<td>175</td>
</tr>
<tr>
<td>A.S. in Environmental Studies</td>
<td>140</td>
</tr>
<tr>
<td>AS-T in Business Administration for Transfer</td>
<td>112</td>
</tr>
<tr>
<td>AS-T in Early Childhood Education for Transfer</td>
<td>119</td>
</tr>
<tr>
<td>AS-T in Mathematics for Transfer</td>
<td>157</td>
</tr>
<tr>
<td>Transfer Emphasis General Education</td>
<td>81</td>
</tr>
<tr>
<td>Transfer Services</td>
<td>71</td>
</tr>
<tr>
<td>Tuition, Resident</td>
<td>25</td>
</tr>
<tr>
<td>Turf &amp; Landscape Management</td>
<td>185</td>
</tr>
<tr>
<td>Types, Locations and Custodians of Education Records</td>
<td>29</td>
</tr>
<tr>
<td>UC</td>
<td>41</td>
</tr>
<tr>
<td>Unacceptable Conduct</td>
<td>64</td>
</tr>
<tr>
<td>University, California State Transfer Admission Guarantee Program (2013-14)</td>
<td>85</td>
</tr>
<tr>
<td>University of California, Los Angeles (TAP)</td>
<td>85</td>
</tr>
<tr>
<td>University of California Transfer Admission Guarantee Program (2013-14)</td>
<td>85</td>
</tr>
<tr>
<td>University of Redlands - School of Business - Temecula</td>
<td>86</td>
</tr>
<tr>
<td>Unlawful Discrimination Policy</td>
<td>61</td>
</tr>
<tr>
<td>Upward Bound</td>
<td>78</td>
</tr>
<tr>
<td>Using the Guides</td>
<td>89</td>
</tr>
<tr>
<td>Values</td>
<td>12</td>
</tr>
<tr>
<td>Verifying Prerequisites and Corequisite</td>
<td>90</td>
</tr>
<tr>
<td>Veterans Academic Progress</td>
<td>79</td>
</tr>
<tr>
<td>Veterans Educational Benefits</td>
<td>78</td>
</tr>
<tr>
<td>Vision</td>
<td>12</td>
</tr>
<tr>
<td>Viticulture</td>
<td>186</td>
</tr>
<tr>
<td>W</td>
<td></td>
</tr>
<tr>
<td>Water Technology</td>
<td>187</td>
</tr>
<tr>
<td>Welcome</td>
<td>186</td>
</tr>
<tr>
<td>Winery Technology</td>
<td>33</td>
</tr>
<tr>
<td>Withdraw</td>
<td>188</td>
</tr>
<tr>
<td>World Languages</td>
<td>79</td>
</tr>
<tr>
<td><a href="http://www.msjc.edu">www.msjc.edu</a></td>
<td>79</td>
</tr>
<tr>
<td>You, Ways This Catalog Can Help</td>
<td>4</td>
</tr>
</tbody>
</table>

Mt. San Jacinto College 2013-2014 Catalog
San Jacinto Campus
1499 N. State Street, San Jacinto, CA  92583
(951) 487-MSJC (6752)

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

Temecula Education Complex
27447 Enterprise Circle West, Temecula, CA  92590
(951) 506-MSJC (6752)

San Gorgonio Pass Campus
3144 W. Westward Avenue, Banning, CA  92220
(951) 922-1327

College Catalog 2013 – 2014  www.msjc.edu