



## **MT. SAN JACINTO COLLEGE**

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### **School of Nursing and Allied Health**

[www.msjc.edu/alliedhealth](http://www.msjc.edu/alliedhealth)

### **Associate of Science Degree Diagnostic Medical Sonography Program Information Brochure**

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#### **DMS Program Mission Statement**

*The Mission of the Diagnostic Medical Sonography Program at Mt. San Jacinto College is “to prepare competent entry-level general sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains”.*

*The DMS program will continually strive to provide students with high quality education and excellent clinical training, under qualified supervision, to prepare the student for future employment as a Diagnostic Medical Sonographer.*

*The DMS program is dedicated to student preparation for the American Registry of Diagnostic Medical Sonographer exams to become a registered sonographer.*



## General Information

Following completion of the pre-requisite courses the Diagnostic Medical Sonography Program curriculum covers four regular semesters and requires an eight week summer session between the first and second years of study. The DMS Program prepares the student to work in an ultrasound department performing abdomen, superficial structural, gynecology, and obstetric ultrasound exams.

## Accreditation Status – Accredited

The Diagnostic Medical Sonography Program is accredited by the Commission on Accreditation of Allied Health Accreditation Programs – Joint Review Commission for Diagnostic Medical Sonography. This achievement places MSJC's DMS program among the top programs in the United States.

Accreditation increases opportunities for student clinical training, strengthens the student learning process, and opens doors to student employment. Students enrolled in accredited DMS programs are eligible to take the American Registry of Diagnostic Medical Sonography (ARDMS) board exams up to 60 days prior to graduation, improving employment rates of program graduates. Student demand for MSJC's DMS program is also expected to increase as a direct result of the program's accreditation.

## Essential Functions

*All applicants are required to meet the Essential Functions for Success in the DMS Program.* The following are considered to be essential functions for progression, and completion of the DMS Program. In compliance with the American Disability Act, students admitted to the Nursing and Allied Health Unit programs must be, with reasonable accommodations, physically and mentally capable of performing the essential functions of the program in the classroom, skills lab, and clinical setting. The essential functions listed are not intended as a complete listing, but a sample of the types of abilities needed by the nursing student, in order to meet the program objectives and requirements. Please refer to the College Catalog for further information on the ADA policy.

<p><b><u>Physical Demands:</u></b></p> <ul style="list-style-type: none"><li>‣ Possess the ability for extremely heavy effort (lift/carry 50 lbs. or more).</li><li>‣ Perform prolonged, extensive, or considerable standing/walking, lifting, positioning, pushing, and/or transferring patients.</li><li>‣ Perform considerable reaching, stooping, bending, kneeling, and crouching.</li><li>‣ Possess the ability to perform fine motor movements with hands and fingers.</li></ul>	<p><b><u>Mental Demands:</u></b></p> <ul style="list-style-type: none"><li>‣ Ability to function in a busy environment with shifting and evolving priorities.</li><li>‣ Subject to varying and unpredictable situations.</li><li>‣ Occasional pressure, due to multiple calls and inquiries.</li><li>‣ Subject to many interruptions.</li><li>‣ Handles emergency or crisis situation(s).</li><li>‣ Ability to continuously communicate verbally and mentally.</li><li>‣ Stable emotional makeup required in fast-paced environments with frequent interruptions.</li></ul>
<p><b><u>Sensory Demands:</u></b></p> <ul style="list-style-type: none"><li>‣ Distance vision: ability to see clearly 20 feet or more*</li><li>‣ Near vision: ability to see clearly 20 inches or less*</li><li>‣ Depth perception: ability to judge distance and space relationships*</li><li>‣ Color vision: ability to distinguish and identify colors.</li><li>‣ Hearing: able to recognize a full range of tones*</li></ul>	<p><b><u>Working Conditions:</u></b></p> <ul style="list-style-type: none"><li>‣ May be exposed to infectious and contagious diseases, without prior notification.</li><li>‣ Regularly exposed to the risk of blood borne diseases.</li><li>‣ Exposed to hazardous agents, body fluids, and wastes.</li><li>‣ Exposed to odorous chemicals and specimens.</li></ul>

<p>‣ (*may be corrected with adaptive devices)</p> <p style="text-align: center;"><b><u>Cognitive Demands:</u></b></p> <ul style="list-style-type: none"> <li>‣ Transfer knowledge from one situation to another.</li> <li>‣ Process information.</li> <li>‣ Problem solve</li> <li>‣ Prioritize tasks.</li> <li>‣ Utilize long and short-term memory.</li> <li>‣ Identify cause and effect relationships.</li> <li>‣ Sequence information.</li> </ul>	<ul style="list-style-type: none"> <li>‣ Subject to hazards of flammable, explosive gases.</li> <li>‣ Subject to burns and cuts.</li> <li>‣ Contact with patients having different religious, culture, ethnicity, race, sexual orientation, psychological, and physical disabilities, and under a wide variety of circumstances.</li> <li>‣ Handle emergency or crisis situations.</li> <li>‣ Subject to many interruptions.</li> <li>‣ Requires judgment/action sufficient to prevent harm, injury, or death of a patient.</li> <li>‣ Exposed to products containing latex.</li> </ul>
<p><b><u>English Language Skills:</u></b></p> <p>Although proficiency in English is not a criteria for admission into the DMS Program, students must be able to speak, receive, write, and read English to satisfactorily complete classes and to ensure safety of themselves and others.</p>	
<p><b><u>Learning Disabilities:</u></b></p> <p>If any student has been diagnosed and documented with a disability, faculty must be notified. The department is willing to meet any reasonable request for accommodation. However, the responsibility remains with the student to provide relevant and recent written documentation from the DSPS, that such a disability exists, as well as all recommendations by the DSPS for helping the student.</p>	

## Approximate Expenses

When planning expenses students should be aware they may have to limit their hours of employment due to extensive DMS Program requirements. Scholarships, grants and loans are available to those students who qualify through the MSJC Financial Aid office

1. Students pay for tuition, ASB card and a parking permit as stated in the current college catalog.
2. Tuition - \$46.00 unit (57 units)
3. Uniform – Designated by the Nursing Department \$70.00
4. DMS textbooks and supplies - \$400-\$600
5. SDMS membership and journal access - \$40 **or** AIUM student membership - \$25
6. CPR course -\$65 (Must be American Heart Association/Healthcare Provider BLS)
7. Physical Examination/laboratory tests - \$300-\$500
8. Background Clearance + Drug Screening + Medical Document Manager - \$122
9. Transportation cost to and from training site- Variable
10. Liability Insurance covering students is provided by the college at no cost to the student.
11. Students who are assigned to Rancho Springs Medical Center or Desert Regional Medical Center for Clinicals will have to provide another Background Clearance and Drug Test specifically for that Clinical Site within 30 days of placement.
12. After course completion: ARDMS SPI and specialty exams - \$250 each.

*Students are required to carry their own Professional Liability Insurance, \$1-3 million. Approx. \$25. Students are also required to show proof of Personal Health Insurance, which is required by Clinical Sites.*

*Proof of these two items must be uploaded onto Castlbranch.com Any student who does not submit this information will not be able to attend clinicals.*

## Limitations

**NOTE:** If you have been subject to revocation, suspension, or disciplinary action by: a) state licensing board; b) federal agency; c) national professional association, and/or are presently charged with, or have ever been convicted or found guilty of, or pleaded nolo contendere to any crime or misdemeanor directly related to public health and safety, and/or the provisions of diagnostic medical sonography or vascular technology services, you will be required to declare this on your national registry application to take the examination. These activities may affect your eligibility to take the national registry examination. You may apply to the ARDMS to determine your eligibility status. All students assigned to a hospital will be required to complete a background check for any felony or misdemeanor.

The Mt. San Jacinto Community College District Board of Trustees has adopted policies and procedures and endorsed practices which provide for the District, its employees and students to be in compliance with all the applicable laws relating to discrimination on the basis of gender, age, race, color, notional origin, religion, disability, or sexual orientation.

## Admission Information

As a first step for specific information and answers to your questions, plan to attend a DMS Information Workshop or view the DMS Power Point presentation on the MSJC website at [www.msjc.edu/alliedhealth](http://www.msjc.edu/alliedhealth). The date(s) of workshops will also be posted on the MSJC website.

**Note:** All students must successfully complete the coursework for the Associate Degree requirements: General Education Option A. Review the MSJC catalog with a Counselor to determine courses. **Math 105 must also be completed to receive an Associate Degree.**

## Admission Requirements

**Note:** Meeting admission criteria for the program does not guarantee admission into the program.

The following must be met prior to the application deadlines.

1. Admission to Mt. San Jacinto College, completion of orientation, assessment and optional advisement.
2. Proof of High School Diploma, GED, California Proficiency Exam or College Degree
3. Submit Official Transcripts from all Colleges and/or Universities attended to Enrollment Services.
4. Attend Information Workshop or View Presentation on Website. (Must attach proof to application)
5. **A minimum cumulative GPA of at least 2.5 on a 4.0 college scale and a grade of "C" or better in the following admission requirement courses (prerequisites):**

***All courses must be completed with a "C" or better.***

<b>*ANAT 101</b>	<b>Human Anatomy &amp; Physiology I</b>	4 units
<b>*ANAT 102</b>	<b>Human Anatomy &amp; Physiology II</b>	4 units
<b>AH-105</b>	<b>Medical Terminology</b>	3 units
<b>COMM 103</b>	<b>Interpersonal Communication</b>	3 units
<b>PHY 100</b>	<b>Conceptual Physics</b>	3 units
<b>MATH 105, 140 or Higher</b>	<b>College Algebra or Statistics</b>	4 units (Fall 2020)

*\*These courses have a five- year recency requirement.*

6. Complete and submit a Nursing Transcript Evaluation Request Form to Enrollment Services between July 1<sup>st</sup> and December 1<sup>st</sup> deadline. **Please Note:** *All Transcript Evaluations have been updated with an expiration date. If your Evaluation does not have an expiration date it is only valid for 9 months.*

7. If evaluation results confirm eligibility, download an application from the MSJC Nursing and Allied Health website or pick one up from the nursing office and submit it during the application filing period, March 1 – 15.

### **Transcript Requirements**

**Official** transcripts from **all** colleges and/or universities attended must be submitted to Enrollment Services, in person or by mail, along with a Nursing Transcript Evaluation Request Form. Students completing all coursework at Mt. San Jacinto College only need to submit the Transcript Evaluation Request Form. A written report of your transcript evaluation and application eligibility will be mailed to your stated address.

**Note:** Deadline to submit a Nursing Transcript Evaluation Request Form is **July 1<sup>st</sup> - December 1<sup>st</sup>** for the March 1- March 15 Application Filing period.

All **FOREIGN TRANSCRIPTS** including high school documentation must be formally evaluated by the Transcript Evaluation Services, Los Angeles, or the American Education Research Center, West Covina, and then evaluated by an MSJC evaluator for course equivalency. **See Counseling Office for details/application.**

### **Application Filing Period**

*Application filing period is **March 1 – March 15.***

*Applications must be received in the Nursing and Allied Health Office, Bldg. 500, by the final filing date.*

### **Selection Process**

Applications will be reviewed using the multi-criteria point system.

The DMS Program begins during the Fall Semester.

**MT. SAN JACINTO COLLEGE  
STUDENT EDUCATIONAL PLAN  
ASSOCIATE OF SCIENCE DEGREE  
DIAGNOSTIC MEDICAL SONOGRAPHY**

Name: \_\_\_\_\_ ID# \_\_\_\_\_ Date: \_\_\_\_\_

<b>ADMISSION REQUIREMENTS</b>	Other College Courses	Units	Completed	In-Progress	Need
High School Diploma, G.E.D., or California Proficiency Exam					

**NOTE:**

*All students must successfully complete the General Education coursework for the Associate Degree requirements: General Education Option A. Review the MSJC catalog with a Counselor to determine courses. Math 096 must also be completed to receive your Associate Degree.*

CUMULATIVE G.P.A. OF 2.5 WITH A GRADE "C" OR BETTER IN THE FOLLOWING ADMISSION REQUIREMENTS: **Total 21 Units for Pre-requisites**

<b>AH 105</b>	<b>Medical Terminology</b>		<b>3</b>		
<b>ANAT 101</b>	<b>Anatomy &amp; Physiology I*</b>		<b>4</b>		
<b>ANAT 102</b>	<b>Anatomy &amp; Physiology II*</b>		<b>4</b>		
<b>COMM 103</b>	<b>Interpersonal Communication</b>		<b>3</b>		
<b>MATH 105, 140 or higher</b>			<b>4</b>		
<b>PHY 100</b>	<b>Conceptual Physics</b>		<b>3</b>		

*\* ANAT 101 and ANAT 102 have five year recency.*

**MAJOR REQUIREMENTS (1<sup>st</sup> Semester - Fall) 10 Units**

DMS 100	Fundamentals of Diagnostic Medical Sonography		2		
DMS 101	Pathophysiology		3		
DMS 103	Sonography Techniques in Patient Care		3		
DMS 125	Ultrasound Physics/Instrumentation I		2		

**MAJOR REQUIREMENTS (2<sup>nd</sup> Semester - Spring) 13.5 Units**

DMS 102	Medical Ethics		3		
DMS 104	Clinical Observation		2		
DMS 110	Sectional Imaging		2		
DMS 120	Abdomen Scanning - Lab		1.5		
DMS 122	Ultrasound Pathology I - Lecture		3		
DMS 135	Ultrasound Physics/Instrumentation II		2		

<b>MAJOR REQUIREMENTS (Summer) 5 Units</b>					
DMS 114	Clinical Experience I		5		

<b>MAJOR REQUIREMENTS (3<sup>rd</sup> Semester - Fall) 16.5 Units</b>					
DMS 124	Clinical Experience II		10		
DMS 130	OB/GYN Scanning - Lab		1.5		
DMS 132	Ultrasound Pathology II - Lecture		3		
DMS 140	Introduction to Vascular Scanning		2		
<b>MAJOR REQUIREMENTS (4<sup>th</sup> Semester - Spring) 12 Units</b>					
DMS 134	Ultrasound Seminar		2		
DMS 136	Clinical Experience III		10		

*Total of 57.0 Units for DMS Program*

*\*For Financial Aid Students; they will need to take a 2 unit course to remain at full -time.*

**Mt. San Jacinto College**  
**Diagnostic Medical Sonography Program**  
**MULTI-CRITERIA SELECTION PROCESS**

Admission will be offered to the highest ranking applicants whose documentation supports the information provided in the application.

Criteria	Maximum Points for Each Category	Point Distribution and Explanation
1. Previous Academic Degrees, Diploma = AA/AS or BA/BS or higher	10	Points for this criteria are given for any prior degrees or multiple degrees. Score will either be 10 points or 0 points- multiple # of degrees do not add points
2. Licensed Healthcare work or Certified Healthcare work <ul style="list-style-type: none"> <li>• *See adjacent column: License or certificate must be direct patient care. <i>Volunteer hours do not count.</i></li> </ul>	10	Points for this criteria are given for health care licensing, certificate or multiple licenses. <b>Licenses/Certifications must be current.</b> Score will be either 10 points or 0 points- multiple # licenses/certifications do not add points.  *Approved Direct Patient Care <b>Licenses/Certifications:</b> Imaging Technologist (RT): X-ray, MRI, CT, Nuclear Medicine, Mammography, CNA, LVN, RN, MA, HHA, Paramedic, Emergency Medical Technician-EMT, Respiratory Therapist, Physical Therapist, Dental Hygienist, Phlebotomist
3. GPA from Prerequisite Courses Minimum GPA to apply is 2.5	40	3.9 – 4.0 = 40 points 3.5 – 3.8 = 30 points 3.0 – 3.4 = 20 points 2.5 – 2.9 = 10 points
4. Completion of all General Education Units	5	Points for this criteria are given for completion of all General Education requirements. (Option A)
5. Approved Diagnostic Assessment Tool = Test of Essential Academic Skills (TEAS)	35	Points for TEAS is a maximum of 35 points.  Score 90 to 100% = 35 points Score 82 to 89% = 30 points Score 74 to 81% = 25 points Score 70 to 73% = 20 points (The highest score on the TEAS will be accepted, limit of 2 attempts per application period.)  <i>Students are required to submit unofficial ATI TEAS results with their application. Official results can be ordered through ATI <a href="http://www.atitesting.com">www.atitesting.com</a> and sent directly to MSJC.</i>
<b>TOTAL MAXIMUM POINTS</b>	<b>100</b>	