Diagnostic Medical Sonography

San Jacinto Campus
(951) 487-MSJC (6752)
1-800-624-5561
Counseling (951) 487-3255

Menifee Valley Campus
(951) 672-MSJC (6752)
1-800-452-3335
Nursing and Allied Health Unit (951) 639-5577
www.msjc.edu/nursingandalliedhealth

Degree(s)
Transfer: None

Non-Transfer:
A.S. in Diagnostic Medical Sonography
(with General Education Requirements Option A)

Certificate(s)
None

Employment Concentration Certificate(s)
None

Please Note:
The DMS Program Suspended New Admissions in the Fall 2013 Semester.

Program Description

The Diagnostic Medical Sonography Program is a non-transfer program. This certificate program provides an opportunity for student to be educated and trained the healthcare career of Diagnostic Medical Sonography. The objective of the program is to graduate students who are competent and confident in providing excellent patient care in the field of sonography.

The goal of our DMS program is to graduate students who demonstrate a high competency in anatomy and pathology, as seen on the ultrasound exam and the skills necessary to perform the ultrasound exam. Students will be evaluated on didactic learning in Ultrasound Physics and Instrumentation, hands on scanning skills, communication skills, patient care and critical thinking ability.

Students will practice ultrasound scanning skills with ultrasound equipment in the campus lab. Those skills will be carried out and enhanced in an affiliated medical center by training on the job, scanning patients.

The didactic education will prepare the student for taking the American Registry of Diagnostic Medical Sonography Physics and Instrumentation examination. After graduation the student will be required to work an additional year in the sonography field before taking the ARDMS specialty examination.

With completion of Associate in Science required course work the student will receive an Associate in Science in Diagnostic Medical Sonography

Career Opportunities

All career opportunities listed are representative careers in each field. There are no guaranteed positions for students completing these programs. (See: www.onetonline.org)

Non-Transfer A.S. Degree
Diagnostic Medical Sonographer

Certificate
Diagnostic Medical Sonographer

Transfer Preparation

MSJC offers a range of course work to prepare students to transfer to four-year colleges and universities. Courses that fulfill major requirements for an associate degree in this program might not be the same as those required for transfer into the major at a four year university. All four-year institutions prescribe their own standards for course evaluation and admissions. Prospective transfer students are advised to research careers, degrees and majors in the Career/Transfer Center, access www.assist.org, review the MSJC catalog and meet with a counselor to expedite their transfer plan.

Learning Outcomes

• Complete the American Registry of Diagnostic Medical Sonographers Ultrasound Physics and Instrumentation exam, and after an additional year of work experience complete the ARDMS abdomen and small parts, and the obstetrics gynecology specialty examinations.

• Apply knowledge of proper use of ultrasound equipment and demonstrate image improvement through manipulating the instrumentation of the equipment.

• Document proper imaging of the abdomen, small parts, obstetrics and gynecology ultrasound exams.

• Use effective communication with patients, staff, and physicians.

• Show discretion with and implement HIPPA laws for all patients.

• Demonstrate professional and ethical behavior in the workplace.
DEGREE

The 60 units in the certificate plus all MSJC General Education Option A requirements is required to earn an Associate in Science degree in Diagnostic Medical Sonography. See counselor for recommended vocational and academic courses.

Program Prerequisites: 20 units
ANAT-101 Human Anatomy & Physiology I 5 units
ANAT-102 Human Anatomy & Physiology II 5 units
COMM-103 Interpersonal Communication 3 units
MATH-090 Elementary Algebra 4 units
(arya)
PHY-100 Conceptual Physics 3 units

DMS Program Courses (60 units)

Semester One: 13 units
DMS-095 Sonography Medical Terminology 3 units
DMS-100 Fundamentals of Diagnostic Medical Sonography 2 units
DMS-101 Pathophysiology 3 units
DMS-103 Patient Care Techniques for Sonographers 3 units
DMS-125 Ultrasound Physics and Instrumentation I 2 units

Semester Two: 13.5 units
DMS-102 Sonography Medical Ethics 3 units
DMS-110 Sectional Imaging 2 units
DMS-120 Abdomen Scanning 1.5 units
DMS-122 Ultrasound Pathology I 3 units
DMS-135 Ultrasound Physics and Instrumentation II 2 units
DMS-104 Clinical Observation 2 units

Summer: 5 units
DMS-114 Clinical Experience I 5 units

Semester Three: 16.5 units
DMS-124 Clinical Experience II 10 units
DMS-130 Obstetric/Gynecology Scanning 3 units
DMS-132 Ultrasound Pathology II 1.5 units
DMS-140 Introduction to Vascular Scanning 2 units

Semester Four: 12 units
DMS-134 Ultrasound Seminar 2 units
DMS-136 Clinical Experience III 10 units

The sonography courses must be taken in a specific sequence, students must attain a minimum grade of “C” or above in all required courses in order to obtain the certificate.