Program Information

Are you fascinated by technology and the inner workings of the human body? If so, a career in computed tomography, mammography or magnetic resonance imaging may be the right path for you. These imaging professionals are qualified to provide patient imaging using technology and equipment for CT, mammography and MRI under the supervision of a medical doctor to examine various anatomic structures in the body.

The advanced imaging modalities program at San Jacinto College:

• Prepares the A.R.R.T. registered students to work in advanced modality positions in hospitals and other health care facilities through a variety of clinical rotations.
• Educates students to produce images used for assessment and diagnosis of various medical conditions.
• Encourages students through a variety of methods to be clinically competent, possess critical thinking skills, communicate effectively, both written and orally, and exhibit ethical and professional behavior.

Career Opportunities

Employment outlook is excellent and many of our students gain employment in the field prior to completion of this certificate program.

Graduates of this program are employed in hospitals, clinics and imaging centers.

Earning Potential

Radiologic Technologist median salary: $61,892 per year

1 Source: texaswages.com (http://texaswages.com), Gulf Coast region, 2017

For more information contact 281-476-1871 or cassandra.gossett@sjcd.edu.

Campus

Central Campus

Links

Deadlines and application procedures (https://www.sanjac.edu/program/advanced-imaging-modalities)

Information

Medical imaging technology consists of three associate of applied science degrees and four certificate programs. The degree programs are medical radiography, diagnostic medical sonography, and invasive cardiovascular technology. The advanced or enhanced certificate programs are computed tomography, invasive cardiovascular technology, magnetic resonance imaging, and mammography. Students selected for any of the medical imaging programs are required to submit a physical exam prior to admission. This physical exam must be consistent with the requirements of the teaching hospitals and agencies the student is assigned during clinical assignments and the performance standards required to function as a student imaging technologist. The exam will also include documentation of any communicable diseases along with immunity to Rubella, Measles, Mumps, and Varicella. Completion of the Hepatitis B series along with updated Tetanus, an annual TB screening and flu vaccine is required. In addition to meeting all other requirements, students entering a medical imaging program will be required to submit a criminal background check and drug screening completed by designated companies, show proof of health insurance, and CPR (American Heart Associate-Health Care Provider) certification. A criminal background check and drug screening are required for all health science students attending imaging courses, and are required prior to admission to the imaging programs.

Enhanced Skills Certificate

The computed tomography (CT) program includes advanced type of health professions work-based instruction that helps students synthesize new knowledge, apply previous knowledge, or gain experience managing the workflow. While enrolled in the CT Program practical experience is simultaneously related to theory.

Minimum Program Admission Criteria

Applicants must be American Registry of Radiologic Technologists (ARRT) registered in either radiography or nuclear medicine and hold a Texas Medical Board Medical Radiologic Technologist License. The student must complete and submit an application to the medical imaging department. The applicant must also submit required health records, proof of health insurance, CPR certification (American Heart Associate-Health Care Provider), criminal background check and drug screen as stated for all medical imaging students – see section directly under medical imaging technology and Central Campus for an explanation of requirements. Acceptance into the computed tomography program is determined after review of the application and completion of requirements. Prospective participants should call the medical imaging department at 281-476-1871 for additional information.

Plan of Study

Central Campus

San Jacinto College 2018-2019
**EMRAD-CT**

Please see Medical Radiography, Associate of Applied Science (https://publications.sanjac.edu/areas-study/health-sciences/medical-radiography-aas) page for more information.

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<th>Course</th>
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<td>Sectional Anatomy for Medical Imaging</td>
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<td>CTMT 2336</td>
<td>Computed Tomography Equipment and Methodology</td>
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<td>CTMT 2360</td>
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<td>CTMT 2361</td>
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**Capstone Experience:** CTMT 2361 Clinical 2 - Computed Tomography Technology/Technician