**Advanced Modality Programs**

Computed Tomography, Magnetic Resonance Imaging, Mammography

*All prospective candidates applying for college credit must complete college admission requirements. Admission to the College does not guarantee admission to the program. If you wish to take courses through Continued and Professional Development, no college application is required. Contact prospective coordinator for approval. If the individual coordinator cannot be reached, please contact the Medical Imaging Department at 281-476-1871.

**Advanced Modality Admission requirements**

MUST submit a PROGRAM APPLICATION to the specific coordinator to seek admission approval

- Submit a physical exam prior to admission
- Physical exam must be consistent with the requirements of the teaching hospitals and agencies the student are assigned during clinical assignments and the performance standards required to function as a student imaging technologist.
- Exam will also include documentation of any communicable diseases along with immunity to Rubella, Measles, Mumps, Varicella, and Meningitis
- 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 and show proof of current CPR (American Heart Associate- Health Care Provider) certification.
- All results of the criminal background check and drug screen must be sent to San Jacinto College Medical Imaging Department to the Chair by the agency at dianne.phillips@sjcd.edu by the designated deadline.
- All the stated requirements must be submitted with each application submission.
- Graduate from an accredited imaging program
- Current MRT license with the Texas Department of State Health Services
- ARRT- good standing
- Official, sealed college transcript
- Placement into certain clinical education centers requires proof of health insurance
- Complete Pre-Clinical Orientation (assigned by instructor)

Submit all of the above to:
San Jacinto College- Central
8060 Spencer Highway Pasadena, TX 77505
Health Science Building (Building #11). Office: C-11 1055 (1st floor)
*Call Sandy Gossett @ 281-476-1871 or email at cassandra.gossett@sjcd.edu for additional directions and if unable to reach advanced modality program coordinators.
**Computed Tomography Program Details**
The 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.

All prospective candidates who wish to be admitted to the Computed Tomography Program should submit a PROGRAM APPLICATION to the program coordinator, Tonia Shivers at tonia.shivers@sjcd.edu. Contact # (281) 476-1501 x 1418; or Samisha Davis at samisha.davis@sjcd.edu (281) 476-1501 x1748.

*Must be ARRT in Radiography or Radiation therapy*
- Didactic courses offered each semester as on-line, partial
- Clinical courses offered to complete competencies
- Clinical rotations 12 hours/week
- Tuition and fees: In-district $269.00/3 credit hours; Out of district $392.00/3 credit hours; CPD $269/course. These courses may include a $15 lab fee
- Book fee and supplies (paper, ink, uniforms): $250
- Trajecsys - $75 per clinic semester

**Magnetic Resonance Imaging Program Details**
The MRI Program builds a foundation of general principles for learning to operate magnetic resonance imaging equipment. The program focuses on building a sound understanding of the underlying scientific theory and routine clinical practice leading to MRI. The MRI program also emphasizes the fundamental principle of magnetism and interaction of living matter with magnetic fields as well as introducing the concepts and scientific principles employed in MRI.

All prospective candidates who wish to be admitted to the Magnetic Resonance Imaging should submit a PROGRAM APPLICATION to the program coordinator, Deborah Dice at deborah.dice@sjcd.edu. Contact # (281) 476-1501 x 1446; or Samisha Davis at samisha.davis@sjcd.edu (281) 476-1501 x1748.

*Must be ARRT in Radiography, Radiation therapy or Nuclear Medicine*
- Didactic courses offered year around as on-line, partial
- Clinical rotations 18 hours/week
- Tuition and fees: In-district $269.00/3 credit hours; Out of district $392.00/3 credit hours; CPD $269/course. These courses may include a $15 lab fee
- Book fee and supplies (paper, ink, uniforms): $250

**Mammography Program Details**
The Mammography Program is designed to prepare the registered radiologic technologist to enter the advanced field of mammography. The objective of the program is to provide the registered radiologic technologist with the training, knowledge, and skills needed to prepare for an successfully pass the
mammography post primary examination offered by ARRT; in addition for entry level employment in mammography.

A mammographer uses specialized x-ray equipment to obtain diagnostic breast images and breast tissue biopsies. This specialized technologist is pivotal in the diagnosis of breast tissue abnormalities in both men and women. Students will learn to position patients and manipulate equipment to provide quality images. Furthermore, students will develop an understanding of anatomy, pathology, communication skills and specialty equipment.

The mammography courses are offered each spring and fall semesters. The entire program length is 16 weeks. Lecture and laboratory are offered the first eight weeks as evening classes. Clinical rotations are offered the second eight weeks as day time rotations, averaging 20 hours a week.

All prospective candidates who wish to be admitted to the Mammography Program should submit a PROGRAM APPLICATION to the program coordinator, Melissa Zermeno at Melissa.LedesmaZermeno@sjcd.edu. Contact number 476-1501 x 1714; or Samisha Davis at samisha.davis@sjcd.edu (281) 476-1501 x 1748.

*Must be ARRT in Radiography*
- Courses is offered each SPRING and FALL semester
- Entire course length is one semester (16 weeks)
- Lecture/ Labs are offered the 1st eight weeks on Central campus; Tuesday and Thursday evenings (6pm – 9pm)
- Clinical rotations are offered the 2nd eight weeks; days-20 hours/week
- Tuition and fees: In-district $269.00/3 credit hours; Out of district $392.00/3 credit hours; CPD $269/course. These courses may include a $15 lab fee
- Book fee and supplies (paper, ink, uniforms): $250

*All program’s lecture courses are approved for credit by the ASRT. Successful completion of any lecture course will result in the candidate receiving Continuing Education Units.*

Successful completion of any program will advance the radiologic technologist to be a candidate for the post primary examination in Computed Tomography, Magnetic Resonance Imaging, or Mammography with the American Registry of Radiologic Technologist.