

# **San Jacinto College**

## **Medical Radiography Program**

### **Vision**

San Jacinto College will advance the social and economic mobility of all members of our community. We will be known for our excellence in teaching and learning, our intentional student-centered support, and our commitment to every student. We will be the preferred workforce and economic development partner in the region and a champion for lifelong learning. San Jacinto College will inspire students to explore opportunities, define their educational and career paths, and achieve their goals and dreams.

### **Mission**

San Jacinto College is focused on student success, academic progress, university transfer, and employment. We are committed to opportunities that enrich the quality of life in the communities we serve.

### **Medical Radiography Program Purpose Statement:**

The purpose of the Medical Radiography Program is to prepare students for entry level employment in the field of radiography with the knowledge, skills, and values to be a successful member of the health care community.

The program curriculum is a balance of general education and technical courses, as well as supervised clinical/practicum experience at local hospitals and clinics. The radiography courses utilize both theory and competency-based educational components designed to prepare the student to become a radiologic technologist specializing in radiography. A radiographer utilizes radiation to produce images of anatomical structures in the body.

Upon completion of the Medical Radiography Program the student is granted an associate of applied science degree, is eligible to apply for the certification examination given by the American Registry of Radiologic Technologists (ARRT), and may obtain a license from the Texas Medical Board.

The Medical Radiography Program at San Jacinto College is accredited by:  
Joint Review Committee on Education in Radiologic Technology (JRCERT)  
20 N. Wacker Drive, Suite 2850  
Chicago, Illinois 60606  
Phone: 312-704-5300  
Email: [mail@jrcert.org](mailto:mail@jrcert.org) Web: [www.jrcert.org](http://www.jrcert.org)

### **The Program Effectiveness Goals of the Medical Radiography Program are as Follows:**

1. Graduates will pass the national certification examination on the 1st attempt.
2. Graduates will be gainfully employed.
3. Students will complete the program within two years of acceptance.
4. Employers will be satisfied with program graduates.
5. Graduates will be satisfied with the quality of their education received.

## Student Goals and Student Learning Outcomes

Goals	Student Learning Outcomes
<p>1. <b>Clinical Competence:</b> Students will integrate appropriate patient positioning, patient care, radiation protection, equipment manipulation, and the knowledge and skills to produce diagnostic radiographic images in order to demonstrate clinical competence.</p>	<ol style="list-style-type: none"> <li>1. Students will apply the knowledge and skills to provide appropriate patient care.</li> <li>2. Students will accurately set technical factors to provide quality radiographic images consistent with the needs of the exam.</li> <li>3. Students will properly position patients for radiographic examinations.</li> <li>4. Students will employ proper radiation safety methods consistent with the principles of ALARA (As Low As Reasonably Achievable) for the protection of the patients, staff, self and general public.</li> </ol>
<p>2. <b>Critical Thinking:</b> Students will execute proper application of the critical thinking skills necessary to provide quality radiographic images in a variety of healthcare situations.</p>	<ol style="list-style-type: none"> <li>1. Students will modify routine imaging procedures for non-routine or trauma examinations contributing as an effective member of the healthcare team.</li> <li>2. Students will accurately critique images for appropriate anatomical demonstration and diagnostic quality.</li> </ol>
<p>3. <b>Communication skills:</b> Students will display competence in assessing clinical or professional situations and employ appropriate verbal and nonverbal communication skills consistent with the needs of the patients, staff, and peers.</p>	<ol style="list-style-type: none"> <li>1. Students will communicate verbally with patients and other healthcare professionals to meet patient and exam needs.</li> <li>2. Students will display effective written communication skills consistent with the situation.</li> </ol>
<p>4. <b>Professionalism:</b> Students will practice professional standards of conduct, demonstrate unrestricted care regardless of patient attributes and condition, and employ ethically sound decisions.</p>	<ol style="list-style-type: none"> <li>1. Students will analyze various healthcare scenarios to appropriately recognize and apply ethically sound decisions.</li> <li>2. Students will exhibit professionalism by delivering unrestricted patient care regardless of various patient differences including age, gender, race, creed, social, cultural or economic status, abilities, personal attributes, or the nature of the health problem.</li> </ol>