

# MEDICAL IMAGING, MAGNETIC RESONANCE IMAGING, ASSOCIATE OF APPLIED SCIENCE



## Information

Students enrolling into San Jacinto College programs with external learning experiences (i.e., clinical, practicum, externship, cooperative, etc.) will be required to comply with the immunization requirements and policies of the clinical/external learning sites to engage in all clinical/external learning experiences. Vaccination requirements at clinical/external learning sites are implemented pursuant to the independent authority of such facilities and are not mandated by San Jacinto College. Failure to meet the immunization requirements mandated by clinical/external learning sites may limit a student's ability to complete the program and/or may delay the student's graduation date. San Jacinto College does not process exemptions, and students should address potential vaccination exemptions directly with the clinical/external learning site.

## Magnetic Resonance Imaging Program Purpose Statement

The purpose of the Magnetic Resonance Imaging Associate of Applied Science (AAS) degree program is to prepare students for entry level employment in the field of magnetic resonance imaging with the knowledge, skills, and values to be a successful member of the health care community.

The program is committed to excellence in providing a comprehensive educational experience. The program curriculum is a balance of general education and technical courses, as well as supervised clinical experience at local hospitals and clinics. The program courses utilize both theory and competency-based educational components designed to prepare the student to become a magnetic resonance imaging technologist.

Upon successful completion of the Magnetic Resonance Imaging AAS degree program, the student is granted an AAS degree and is eligible to

apply for the certification examination given by the American Registry of Radiologic Technologists (ARRT).

The program effectiveness goals of the Magnetic Resonance Imaging Program are as follows:

1. Graduates will pass the national certification examination on the first attempt.
2. Graduates will be gainfully employed.
3. Students will complete the program within four semesters of program admission.
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

The goals for the Magnetic Resonance Imaging program are as follows:

### Goal 1: Students will demonstrate clinical competency.

1. Students will apply magnetic safety measures.
2. Students will produce magnetic resonance images of acceptable diagnostic quality.

### Goal 2: Students will develop and apply critical thinking.

1. Students will adapt magnetic resonance procedures for nonroutine situations.
2. Students will critique images for diagnostic quality.

### Goal 3: Students will develop and apply critical thinking.

1. Students will communicate effectively as a part of the health care team.
2. Students will be able to communicate through written correspondence pertaining to health care.

### Goal 4: Students will model professionalism.

1. Students will analyze various health care scenarios to appropriately recognize and apply ethically sound decisions.
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.