



ASSOCIATE OF APPLIED SCIENCE IN MAGNETIC RESONANCE IMAGING (MRI)

Program Mission

MRI Technology deals with disease detection and forming pictures of anatomy as well as physiology processes within the human body. The purpose of Associate Degree in MRI Technology is to prepare students for securing a career in the medical imaging domain of healthcare. It will further empower you to qualify as a healthcare professional and learn the knowledge, skills, and ethical values required to excel in dynamic MRI technology fields.

Our MRI Technology degree aims to offer hands-on training in operating MRI machines, understanding examination procedures, abiding by Quality Control (QC) standards, ensuring patient care, and documenting results accurately.

Program Description

Magnetic Resonance Imaging (MRI) is a diagnostic modality in medical imaging procedures. It uses magnetic fields and radio waves to scan and produce images of human body organs and muscles. The MRI suite consists of a computer station and patient's table that slides into a large cylinder of the machine. Within the cylinders reside magnets that deploy a powerful field that scans the human body.

Associate Degree in MRI Technology is a 15 - 21 months program that covers 90 quarter credit hours designed for both freshers and working adults. You can also transfer or convert your diploma credit hours, which will lessen the total duration of the associate degree. Furthermore, you can opt for full-time or part-time enrollment. In order to evaluate your eligibility for MRI Technology Programs, you will have to take Stellar Career College's Placement Test, which is available both online and on-campus.

The Associate Degree in MRI Technology covers an in-depth explanation of how to use MRI machines, frequency adjustments according to diagnoses, patient care, Quality Control (QC) standards, safety protocols, and medical terminologies.

Program Details

Course Duration

15 - 21 Months

Quarter Credit Hours

90

Program Learning Outcomes

MRI Technology Degree aims to train you with basic and fundamental knowledge of conducting medical imaging modalities. In addition, this program also offers a real-world extensive clinical experience.

The students of Associate Degree in MRI Technology will:

- Develop knowledge regarding medical terminology, anatomy, and physiology
- Build understanding of MRI machines' hardware components, functioning, frequency adjustment, and patient positioning
- Learn to conceptualize spatial localization, MR image formation, magnetism, and pulse sequences for the right clinical application
- Understand the variety of options available to achieve accurate MR imaging results
- Conduct diagnoses while adhering to the legal, ethical, patient convenience, and Quality Control (QC) standards.
- Learn the clinical, technical, and ethical skills required for entry-level positions in the MRI imaging field.

Program Career Opportunity

At Stellar Career College, the MRI Tech Associates Degree opens a wide array of opportunities for students seeking placement within the healthcare sector. The potential job possibilities for graduates of Associate Degree in MRI Technology include, but are not limited to, the following:

1. Magnetic Resonance Imaging Technologists
2. Magnetic Resonance Imaging Technician
3. Magnetic Resonance Imaging Assistant
4. Magnetic Resonance Imaging Trainee
5. Adjunct Instructor - Magnetic Resonance Imaging (HRLY)
6. Magnetic Resonance Imaging Technologist PT
7. Director, Body Magnetic Resonance & Division Chief, Magnetic Resonance Imaging
8. Magnetic Resonance Imaging (MRI) Medical Physicist, Open Rank
9. Department Tech Assistant - Magnetic Resonance Imaging
10. Diagnostic Radiology Technician-Magnetic Resonance Imaging (MR)

Program Curriculum

Associate Degree in MRI Technology will Revolve Around the Following Courses:

Biology and MRI Technology Courses 67.5 Quarter Credit Hours

General Education Courses 22.5 Quarter Credit Hours

ARRT Obligations

ARRT enforces high standards of ethics and professional conduct. Students must comply with everything in the ARRT Standards of Ethics, including the Rules of Ethics. You must notify ARRT of any ethics violations within 30 calendar days of their occurrence, Applicants who don't follow these rules might become ineligible. Several types of misconduct, charges, and convictions may violate ARRT's Rules of Ethics. For further details on this matter, please refer to ARRT's handbook, which is available at arrt.org.

Program Format

The College will offer this program using the Hybrid format of instruction delivery. Didactic courses will be taught using online and virtual technologies, while laboratory courses will be offered using virtual technologies and/or on-site format of instruction delivery. The students will complete required clinical hours and competencies at their respective clinical sites.

Program Certification

Graduates who will meet additional requirements of the credentialing agency, including but not limited to ethics requirements, will be eligible to challenge the national certification exam to become certified by passing the credentialing examination.