MAGNETIC RESONANCE IMAGING CERTIFICATE IN APPLIED SCIENCE

Overview

Program Description

This program prepares students to use high-field magnet and radio-frequency waves to obtain cross-sectional anatomical images of the human body. Greenville Tech offers a two-semester (nine-month) certificate program. This is a post-graduate program for the two-year ARRT credentialed radiographer.

Mission Statement

The mission of the Magnetic Resonance Imaging certificate program is to provide well trained and knowledgeable, entry-level MRI technologists to meet the needs of the medical community. Faculty strive to instill devotion to professionalism, critical thinking and lifelong learning, while providing our graduates with the skills and knowledge required by the imaging profession.

Entrance Requirements

Registered Technologist (American Registry of Radiologic Technologists)

See "Program Requirements" Section for additional requirements.

Type of Program

Online (with a clinical component)

Location

Didactic courses will be taught online with various clinical sites being utilized.

Employment Opportunities

Hospitals, private diagnostic offices, mobile imaging companies, sales, applications

Professional Credentials

Registered Magnetic Resonance Technologist (subject to passing national certification exam)

Upon completion of the program, an individual will be prepared to challenge the ARRT Advanced Registry in Magnetic Resonance Imaging.

Oregon, New Hampshire, New Mexico, North Dakota, and West Virginia require state licensure in order to practice MRI.

Visit our web page at https://www.gvltec.edu/mri/.

Program Requirements

Prior to acceptance students must

- Meet the specific program requirements outlined in the School of Health Sciences admissions requirements.
- Hold credentials with the American Registry of Radiologic Technologists (ARRT) in either radiography, nuclear medicine, sonography or radiation therapy and submit a photocopy.
  - New graduates are eligible for application, but are required to pass the ARRT Radiography exam within four weeks of the start of the program.
- Have earned at least a grade of "C" in Anatomy and Physiology.
- Forward an official copy of college transcript and proof of high school graduation.
- Have a physical examination by a licensed, practicing physician indicating good physical and mental health and current immunization history.
- View an online Career Talk Session for the major.
- Submit a CPR card from the American Heart Association Healthcare Provider course. CPR must remain current throughout the program.
- Submit an acceptable criminal background check. Students may be subject to more than one background check during the program based on affiliate requirements.
- Submit a negative 10-panel drug screen.
- Complete Program Orientation (scheduled for accepted students every August)
- Complete Pre-Clinical Orientation

Requirements for Completion

- Students must obtain a grade of "B" or higher in all program courses to continue in the program.
- Students are required to average 15 hours of clinical experience each week.
- Students must complete a total of 450 hours of clinical experience for the MRI program.

Recommended Program Schedule

Listed below is the ideal grouping of courses in order by semester. This plan assumes a full-time schedule. Note, however, that many variables can affect this plan, and not every course is offered every semester. Please see your advisor to map out your own personalized progression toward graduation.

First Semester		Hours
MRI 101	Introduction to MRI	1
MRI 103	Mri Patient Care and Safety	2
MRI 111	MRI Physics	5
MRI 140	MR Imaging of the Head and Neck	2
MRI 161	Mri Clinical Practicum	5
AHS 206	Cross Sect. Anatomy for Medical Imaging	2
	Total Semester Hours	**17**
Second Semester		
MRI 121	Advanced MR Imaging Techniques	5
MRI 141	MRI of Spine & Musculoskeletal System	2
MRI 142	MR Imaging of the Thorax	2
MRI 143	MR Imaging of Abdomen & Pelvis	2
MRI 162	MRI Clinical Practicum II	5
	Total Semester Hours	**16**
	Total Required Credit Hours	**33**