MAGNETIC RESONANCE IMAGING (MRI) TECHNOLOGY, SC

Note: This degree/certificate leads to professional licensure in Nevada. Licensing requirements vary by state/territory and relocating could impact whether you will meet eligibility requirements for licensure. If you do not live in Nevada and/or do not intend to seek employment in Nevada, then your application for admittance will be under review to determine eligibility for licensure in your state prior to acceptance into the program. Please visit our Professional Licensure Programs (https://www.tmcc.edu/vpaa/professional-licensure-programs/) page for full details on the State Authorization Reciprocity Agreement.

This program can be completed 100% online.

Program Description

The Skills Certificate, Magnetic Resonance Imaging (MRI) is a professional certificate designed for ARRT registered radiologic technologists who want to continue their education after completing an associate degree (or higher) in the radiologic sciences. It is further designed to provide well trained and knowledgeable, entry-level MRI technologists to meet the needs of the medical imaging community and for those students who are in search of an MRI program that will prepare them to take the advanced certification examination in MRI administered by the American Registry of Radiologic Technologists (ARRT).

This program is not eligible for financial aid. However, it may be eligible for scholarship funding if the student is awarded scholarships.

Radiologic Technology Career Map (https://sites.tmcc.edu/flipbook/career-maps/)

Recommended Course Schedule

1st semester		Units
AMI 201	Introduction of MRI, Patient Care, and Safety	2
AMI 236	Cross-Sectional Anatomy and Pathology for Imaging Professionals	3
AMI 238	Physics, Instrumentation, and Imaging for MRI	3
AMI 246	MRI Procedures of the Central Nervous System	3
AMI 290	Internship in Advanced Medical Imaging (Optional - Competencies may be completed through the ARRT. Talk with the program director for more information.)	1-3
	Semester Total	**12-14**
2nd semester		
AMI 248	Advanced MR Techniques and Post Processing	3
AMI 256	MRI Procedures of the Torso and Limbs	3
AMI 290	Internship in Advanced Medical Imaging (Optional - Competencies may be completed through the ARRT. Talk with the program director for more information.)	1-3
	Semester Total	**7-9**
	Total Units	**19-23**

Special Admissions Requirement

Students wishing to pursue MRI Certification must be ARRT registered and hold an AAS degree (or higher) in Radiologic Technology. For complete admissions requirements go to the Advanced Medical Imaging website (https://www.tmcc.edu/radiologic-technology/ami-programs/).

Program Requirements

Skills Certificates can consist of a single course or a short set of courses that provide training for entry-level positions or career advancement. These short-term certificates may also prepare students to take state, national and/or industry-recognized certifications or licensing exams.

Skills certificates are awarded upon completion of coursework and marked on a student's transcripts at the end of the semester. Students cannot declare a skills certificate as one's major. Skills Certificates are not eligible for Financial Aid.

To earn a skills certificate, students must:

1. Maintain a minimum cumulative GPA of 2.0.
2. Have no financial or library obligation to the college.

Code	Title	Units
Certificate Requirements		
AMI 201	Introduction of MRI, Patient Care, and Safety	2
AMI 236	Cross-Sectional Anatomy and Pathology for Imaging Professionals	3
AMI 238	Physics, Instrumentation, and Imaging for MRI	3
AMI 246	MRI Procedures of the Central Nervous System	3
AMI 248	Advanced MR Techniques and Post Processing	3
AMI 256	MRI Procedures of the Torso and Limbs	3
AMI 290: Optional - Competencies may be completed through the ARRT. Talk with the program director for more information.		0-3
Total Units		**17-20**

Program Outcomes

Students completing the certificate will:

PSLO1: Learn patient screening procedures, safety issues, and biological considerations, MRI terminology, and imaging principles and physics.

PSLO2: Learn cross-sectional anatomy and pathology to cover the entire human body.

PSLO3: Learn imaging techniques of the entire human body to include patient positioning, protocols, pulse sequences, advanced imaging, and post processing procedures.