

PROGRAM DESCRIPTION

The Computed Tomography Program, a six-month curriculum and Magnetic Resonance Imaging Program, a nine-month curriculum are **entry-level** programs in Medical Imaging Technology and are affiliated with the University of Virginia Health System.

Our goals are:

1. Provide graduates with the educational knowledge and clinical skills that enables them to perform as **entry-level** technologists in the field of CT or MRI.
2. Instill the importance of ethical values as a CT or MRI technologist and the understanding for professional growth.
3. Graduate students that will apply necessary patient care skills to communicate effectively with an age-diverse patient population.
4. Graduate students who are able to demonstrate adequate critical thinking and problem solving.
5. To graduate students who posses the skills necessary to effectively meet the health care needs of the community.

Department of Radiology
P.O. Box 800377
Charlottesville, Virginia 22908-0377

COMPUTED TOMOGRAPHY AND MAGNETIC RESONANCE IMAGING PROGRAMS



Educational Programs
in Medical Imaging
Technologies

ADMISSION REQUIREMENTS

A candidate for admission must be registered by the ARRT, or be registry eligible and **CT candidates** must have a license to practice radiologic technology in Virginia. A completed application, all educational transcripts, and clinical grades or status report from an accredited Program of Radiography attended must be submitted. Acceptance is determined by academic achievement, clinical experience and expertise, personal interview, and recommendations.

COURSES OF STUDY FOR CT

Orientation- 40 hours

Introduction to CT- 5 hours

Venipuncture- 5 hours

Patient Care and Safety- 5 hours

CT Contrast, Pharmacology & Administration- 5 hours

Sectional Anatomy- 48 hours

Pathology & Case Presentations- 10 hours

CT Physics & Radiation Protection- 40 hours

Clinical Education- 610 hours

CT Lab- 12 hours

Registry Review - 20 hours

COURSES OF STUDY FOR MRI

Orientation- 40 hours

Introduction to MRI- 5 hours

Venipuncture- 5 hours

Patient Care and Safety- 5 hours

MRI Contrast, Pharmacology and Administration- 5 hours

Sectional Anatomy- 48 hours

Pathology & Case Presentations- 10 hours

MRI Safety- 5 hours

MRI Physics- 60 hours

Clinical Education- 985 hours

MRI Lab- 12 hours

Registry Review- 20 hours

CLINICAL EDUCATION

A mentorship program; students acquire a **minimum of 800 hours** of clinical experience and didactics in CT and a **minimum of 1200 hours** of clinical experience and didactics in MRI. Certified technologists supervise them during their clinical rotations through CT or MRI. **Clinical evaluations are required specific to certain clinical procedures necessary to establish eligibility for certification.**

ACADEMIC POLICY

The programs follow an honor system for academic work and testing. These programs do not have academic status with the University of Virginia and no college credits are issued at this time.

TUITION

Program of MRI \$1200

Program of CT \$1000

Program of MRI to start **August**

Program of CT to start **August**

Deadline for applications May 1st

FOR ADDITIONAL INFORMATION

University of Virginia Health System

Educational Programs in Medical Imaging Technologies

Radiology, Box 800377

Charlottesville, VA 22908-0377

Educational Director –

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