

# MAGNETIC RESONANCE IMAGING ADVANCED TECHNICAL CERTIFICATE



A Program Overview of the Health, Emergency, and Personal Services Career Cluster

Updated as of May 2018



## Programs At-A-Glance

### Magnetic Resonance Imaging Advanced Technical Certificate

Available at LSC-CyFair

[LoneStar.edu/MRI-Advanced-Technical-Certificate](http://LoneStar.edu/MRI-Advanced-Technical-Certificate)

<sup>1</sup> **Median Wage:** \$55,501

**T**his course of study focuses on the underlying scientific theory, sectional anatomy, pathology and clinical protocols. Emphasis is placed on patient care and safety, principles of magnetism and the physical and chemical interactions of living matter within magnetic fields.

MRI technologists find careers in a variety of healthcare settings and locations, including hospitals, outpatient clinics, physician's offices and extended care facilities. Additionally, this advance training empowers graduates for possible careers in medical research, sales, education, administration or supervisory/management positions.

In this program, students learn magnetic resonance physics, equipment operation and methodology, cross-sectional anatomy and patient care, while acquiring hands-on MRI imaging skills.

This program is a 12-month post-associate degree program that provides didactic and clinical instruction to currently certified American Registry of Radiologic Technologist (ARRT) or Nuclear Medicine Technology Certification Board (NMTCB) and state licensed (as applicable) Radiation Therapy.

#### FOR MORE INFORMATION:

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The Medical Radiologic Technology Program is accredited by the Joint Review Committee on Education in Radiologic Technology.

<sup>1</sup>**Wage Data** is based on annual salaries from Bureau of Labor Statistics, U.S. Department of Labor, Occupational Employment Statistics, 2016, [www.bls.gov/oes](http://www.bls.gov/oes).

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## Advanced Technical Certificate

19 Credits

Sectional Anatomy for Medical Imaging

Clinical I

Principles of Magnetic Resonance Imaging

Clinical II

Magnetic Resonance Imaging Physics

Magnetic Resonance Equipment and Methodology

Clinical III

Representative career titles and job positions for this program plan include:

- **MRI Technologist<sup>2</sup>**

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<sup>2</sup>Position titles vary by employer and location.

**Complete your  
Magnetic Resonance Imaging  
Advanced Technical Certificate  
in 1 year!**

For more information on gainful employment, visit [LoneStar.edu/GainfulEmployment](http://LoneStar.edu/GainfulEmployment).