

# **MAGNETIC RESONANCE IMAGING INFORMATION SESSION**

**TRINITY RIVER EAST CAMPUS**

**TARRANT COUNTY COLLEGE  
DISTRICT**



# AGENDA FOR MAGNETIC RESONANCE IMAGING INFORMATION SESSION

1. Introduction & Requirements for Patient Safety & Welfare
2. Application Periods/Seats Available/Cost of Program
3. Competitiveness/Stats/Selection Notification
4. Eligibility & Prerequisite Courses
5. Length of Program

# INTRODUCTION TO MAGNETIC RESONANCE IMAGING

Advanced Skills Certificate in Magnetic Resonance Imaging

## Introduction

The Tarrant County College Advanced Skills Post-Associate Certificate of Magnetic Resonance Imaging teaches the science and methodology of obtaining MRI images of many parts of the human body for diagnosing and treating medical problems.

## Career Opportunities

MRI employment is expected to grow faster than average. Federal projections estimate a 13% increase in demand by 2026. That's roughly 30,300 new jobs across the US!

Most MRI Technologists work in hospitals but are also in demand at diagnostic imaging centers and urgent care centers.

## Program Content

Studies combine on-campus magnetic resonance imaging courses with actual clinical experience at a hospital or clinic.

In addition, studies cover areas such as:

- Physical Principles of Magnetic Resonance Imaging
- Basic, Intermediate, and Advanced MRI Procedures
- Magnetic Resonance Imaging Equipment and Methodology
- MRI Safety and Patient Care
- Pathology as seen on MRI images

The 1 year Advanced Certificate Program is accredited by the Joint Review Committee on Education in Magnetic Resonance Imaging. Graduates are eligible to take the ARRT Post Primary Magnetic Resonance Imaging Exam to become registered RT(R)(MR) technologists.

## Starting Salaries

The American Society of Radiologic Technologists reports that the average median annual salary for an MRI Technologist in the United States was just above \$78,159 in 2022.

WHERE CAN I LEARN MORE ABOUT THIS PROGRAM? [www.tccd.edu/mri](http://www.tccd.edu/mri)

# PATIENT SAFETY AND WELFARE ALL APPLICANTS MUST HAVE:

- **Visual Acuity (with corrective lenses, if needed)** to identify cyanosis, absence of respiratory movement in patients, adverse skin reactions to treatments, read physicians orders, read very fine print on medication containers, visualize displays on monitors and other equipment, and evaluate images for diagnostic quality.
- **Hearing ability (with auditory aids, if needed)** to understand the normal speaking voice without viewing the speaker's face; hear and monitor alarms, emergency signals, call bells from patients, equipment timers and alarms; and take/hear blood pressures.
- **Physical ability** to stand for prolonged periods of time, perform cardiopulmonary resuscitation, transfer patients and objects of 50 lbs. or more, perform treatment procedures with two hands, push patients and pieces of equipment from room to room and/or maneuver in limited spaces. Health insurance is also required at one or more clinical sites.
- **The ability to communicate effectively** in verbal and written form by speaking clearly and succinctly when explaining treatment procedures to patients, family members, medical staff and when describing patient conditions/reactions and implementing health techniques. Write legibly and correctly in patient's records for legal documentation.
- **Sufficient manual dexterity** to use aseptic and sterile technique, prepare needles, syringes, contrast media, and manipulate coils and equipment.
- **The ability to function safely** under stressful situations involving patient care; to adapt to the ever-changing environment inherent in clinical situations involving patient care, and to exercise independent judgment and discretion in the performance of assigned responsibilities.

# PERSONAL HISTORY

## \*\*MRI APPLICATION DISCLOSURE

- Certain implants, devices, or objects may be hazardous to you if introduced to the MR environment or MR system room. Some of these devices include:
  - Cardiac pacemakers/defibrillators
  - Electronic implants/devices including neurostimulators, insulin pumps, drug infusion implants, spinal cord stimulators, etc.
  - Hearing aids and/or cochlear implants
  - Any other magnetically-activated implants or devices
- Please consult with the Program Director prior to applying to this program if you have any of these, or any other implants/devices, in your body.

# **APPLICATION PERIOD**

**September 2 through May 2**

**For Fall Admission**

**Online Application (Print and Fill Out)**

**You can bring the application to an advisor  
for review**

**OR**

**Mail it in:**

**ATTENTION: MRI APPLICATION**

**245 East Belknap Street**

**Fort Worth Texas 76102**

# MAGNETIC RESONANCE IMAGING PROGRAM SEATS, COSTS AND STARTING PAY

How many seats per application period?

The TCCD Magnetic Resonance Imaging program currently accepts between 10 to 15 students per application period. Those selected will begin classes in the Spring semester. On average, the program has about 20 to 30 students apply in a single application period.

Program Cost and Starting Pay

**Advanced Skills: 2340 dollars**

- This includes uniforms, books, tuition, and registry costs.

**How does this compare to other MRI Certification Programs?**

El Centro (Dallas):

- \$3153 (In-County)
- \$4766 (Out-of-County)

Galveston College:

- \$2834

# SELECTION NOTIFICATION: CANDIDATES AND SELECTION INTO PROGRAM

## **When Will I Be Notified?**

4 to 6 Weeks after the application deadline, the top 20 candidates are invited to a mandatory information meeting.

## **Selection Into Program**

Acceptance Notification of selected applicants are sent within 10 days after the information meeting.

## **Alternates**

The remaining applicants within the Top 20 (that attended the information session) are designated as alternates.

It is important to remember that selection is based on how each applicant compares with others in the applicant pool for this program.

Applicants with higher GPA's earned in their AAS will be more competitive.

The selection committee notifies all candidates by e-mail of their admission status (accepted, alternate, not accepted or incomplete). It is the responsibility of the applicant to make sure the correct email address has been provided.



# ELIGIBILITY

## Must have a TCCD ID Number

- To be eligible to apply for the Magnetic Resonance Imaging program, the student must first be a current TCCD student. This means that the student has a TCCD student ID number and has already applied and been accepted to the college.
- Individuals that have not applied to the college may follow this link: [Apply For Admission](#) to begin the process.

## Transcript Evaluation

- ALL official transcripts from a college or university other than TCCD, must be received and evaluated by TCCD at the time of Application to the MRI program.
- First, submit your transcripts to the Transcript Office or your local Registrars office.
- This process can take up to two months, please keep this in mind.
- Also remember to include an official transcript with your application IF your evaluation has not yet been completed.

## TSI Requirements

- Meet TCCD's Texas Success Initiative (TSI) requirements. For additional information on TSI requirements, Please visit: [TSI Requirements](#)

# ELIGIBILITY CONTINUED

## A.A.S In Health Science

- Graduate of a Health Science Technology school with an A.A.S. in any of the following:
  - Radiologic Technology
  - Nuclear Medicine
  - Radiation Therapy
  - Ultrasound
- Please note that you must have earned a overall 2.5 GPA in the A.A.S.
- Have a current ARRT, ARDMS, or NMTCB license, and a Texas Medical Board certification.

## Immunizations/Screenings

- Please be aware that the TAC (Texas Administrative Code) and DFW Hospital Council Standards require that all students in health-related programs complete certain immunizations. **These MUST be submitted with your application.** They are currently as follows:
  - ✓ HEPATITIS B
  - ✓ MMR
  - ✓ TDAP
  - ✓ Varicella
  - ✓ Influenza
  - ✓ TB Skin Test

**\*Some of these immunizations take up to 6 months to complete (Hep B), it is best to get started NOW, or you can't apply for the program.**

## Other Requirements

- Once accepted into the program, you will be required to complete a drug screen, keep CPR current (American Heart Association certified BLS for Healthcare Providers), and a criminal background check. If you have any criminal charges, you need to email me to discuss what you must do in order to find out whether or not you can apply for the program. Felony's, Assault, Domestic Violence and Drug Charges automatically bar you from eligibility.
- You will also need to renew your TB annually and Flu seasonally.

# MAGNETIC RESONANCE IMAGING PROGRAM SCHEDULE/LENGTH

## Course & Clinical Hours

Program courses usually meet 5:30 PM to 8:30 PM on Tuesdays every semester and 5:30 PM to 8:30 PM on Thursdays in the Spring semester.

Clinical hours are based on clinical site availability, but typically will be weekdays anytime between 7am and 9pm.

## **This is a Certificate Plan**

**Students must be able to commit to class times, as they are only offered in their assigned semester.**

The Advanced Skills program is a 3 semester plan, with 2 courses offered Fall, 2 courses in the Spring, and one course offered in the Summer.

Clinical courses are required each semester and are set up as follows:

- 16 hours in the Fall semester
- 24 hours in the Spring semester
- 20 hours in the Summer semester

# **MAGNETIC RESONANCE IMAGING ADVANCED CERTIFICATION PROGRAM**

## **Coursework in the Fall Term**

MRIT 2330 Principles of Magnetic Resonance Imaging

RADR 2340 Sectional Anatomy for Medical Imaging

MRIT 2560 Clinical I (MRI)

## **Coursework in the Spring Term**

MRIT 2355 Magnetic Resonance Imaging Physics

MRIT 2334 MRI Equipment and Methodology

MRIT 2561 Clinical II (MRI)

## **Coursework in the Summer Term**

MRIT 1271 Special Topics in MRI (Blended Course)

MRIT 2462 Clinical III (MRI)

# FAQ

If you have any questions, please  
contact:

**TR. HealthCareAdvising@tccd.edu**



# PLEASE PAY ATTENTION!

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this information session,  
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sign in:

[Info Session Sign In](#)