

Radiologic Technology Applicant Information

Trinity River Campus
Tarrant County College District



RADIOLOGIC TECHNOLOGY APPLICANT INFORMATION

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INTRODUCTION TO RADIOLOGIC TECHNOLOGY

Associate of Applied Science Degree in Radiologic Technology

Introduction

The Tarrant County College Associate of Applied Sciences Degree in Radiology Technology teaches the safe use of ionizing radiation to image parts of the human body for diagnostic interpretation.

Career Opportunities

Radiology Technology employment is expected to grow faster than average. Federal projections estimate a significant increase in employment of radiologic technologists.

Program Content

Studies combine general education along with radiologic technology courses to develop high-quality technical and patient care skills.

In addition, studies cover areas such as:

- Medical Terminology
- Radiographic Procedures
- Advanced Medical Imaging
- Radiographic Imaging Equipment
- Radiation Biology and Protection
- Radiographic Pathology

This 2-year Program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). Graduates are eligible to take the ARRT Radiography Exam and obtain GMRT licensure from the Texas Medical Board upon successful completion and graduation of this program.

Starting Salaries

The American Society of Radiologic Technologists reports that the average salary for a radiographer in Texas was approximately \$57,000 in 2017.

WHERE CAN I LEARN MORE ABOUT THIS PROGRAM? www.tccd.edu/radtech

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 pounds 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.
- **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 equipment.
- **The ability to function safely under stressful situations** involving patient care; to adapt to the everchanging environment inherent in clinical situations involving patient care, and to exercise independent judgment and discretion in the performance of assigned responsibilities.

APPLICATION PERIOD

September 1st through March 1st

For Summer Admission

Online Application (no paper applications accepted)

<https://tccdforms.tccd.edu/Forms/HealthSciencesProgramApplication>

If you have questions about the online application, please contact

TR.HealthCareAdvising@tccd.edu

RADIOLOGIC TECHNOLOGY PROGRAM SEATS AND COSTS

How many seats per application period?

The TCCD Radiologic Technology program currently accepts approximately 30 students per year (based on available clinical site spaces and other factors)

Those selected will begin classes the following Summer semester.

On average, the program has about 250 students apply in a single application period.

Program Cost

Approximately \$7,600

This includes uniforms, textbooks, tuition and other miscellaneous costs.

How does this compare to other local A.A.S. Radiologic Technology programs?

- Parker University (Dallas): \$20,000
- Kaplan College: \$31,000
- Weatherford College: \$8,000

SELECTION AND NOTIFICATION: CANDIDATES AND SELECTION INTO THE PROGRAM

When Will I Be Notified?

3 to 4 weeks after the application deadline, the top 40 candidates are invited to a mandatory top applicants meeting.

Selection Into Program

Acceptance notification of the selected (approx.) 32 applicants are sent within 10 days after the information meeting.

Alternates

The remaining applicants 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, HESI A2 scores and A&P I/II grades will be the most 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 e-mail address has been provided.

ELIGIBILITY

Must have a TCCD ID Number

To be eligible to apply for the Radiologic Technology 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 Radiologic Technology 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](#)

Prerequisite Science Courses

The courses below, or equivalents, must have been completed within 5 years from time of application.

- BIOL 2401
- BIOL 2402
- Please note that you must have a C or higher for these grades to be considered. Also, you have a maximum of two attempts per course.
- Please ALSO note that SCIT COURSES are not accepted replacements for the BIOL courses. We will not allow any exceptions.

ELIGIBILITY CONTINUED

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* : a series of 2 or 3 doses (depending on the specific vaccine) required or a positive titer
 - You must show proof of the completed series (or be able to complete the last injection in the series) prior to July 1 for consideration of acceptance into the program.
- MMR: 2 doses required or positive titer
- TDAP: within 10 years
- Varicella (Chicken Pox): 2 doses or positive titer
- Influenza: in last year
- TB Skin Test: in last year; if it is a positive test, a chest x-ray is required
- COVID-19: TCC does not require students to have the COVID-19 vaccine. However, COVID-19 vaccination is strongly recommended because Radiologic Technology Program clinical sites currently require students to have the vaccine.

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

Other Requirements

All applicants must have a 2.5 GPA to be eligible to apply

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)
- Renew your TB annually and Flu seasonally
- Pass a criminal background check.
 - If you have any criminal charges, you need to email Brian Spence, Program Director, at brian.spence@tccd.edu to discuss what you must do in order to find out whether or not you can apply for the program. Felonies, Assault, Domestic Violence and Drug Charges automatically bar you from eligibility.
 - House Bill 1508 which took effect in September 2017 requires that all our students are notified that criminal offense convictions that occur while enrolled in our programs will affect their ability to apply for an occupational license.

PRE-REQUISITE COURSES REQUIRED/RECOMMENDED

ALL RADIOLOGIC TECHNOLOGY AND GENERAL EDUCATION COURSES MUST BE COMPLETED WITH A GRADE OF C OR HIGHER

The courses below, or approved equivalents, must have been completed within 5 years from the time of deadline*. There are absolutely NO exceptions. Must have a C or higher.

- BIOL 2401 (Anatomy and Physiology I)
- BIOL 2402 (Anatomy and Physiology II)

*Please note that the 2 sciences listed above, HESI A2 exam, immunizations and all TSI Requirements must be completed prior to application

It is highly recommended that the following general education courses be completed prior to program application. These courses can be taken before admission into the program.

- ENGL 1301 (English Composition I)
- Either PSYC 2315 (Psych of Adjust/Human Relation) OR PSYC 2301 (Intro to Psych)
- HPRS 2201 (Pathophysiology)
- HPRS 1206 (Medical Terminology)
- Computer or Information Technology Elective (3-hour course)
- One Creative Arts/Language, Philosophy or Culture elective: (3-hour course)

HESI A2 EXAM

You will be required to take the HESI A2 test prior to application.

What does the HESI A2 test cover?

Math: Basic math skills; a 50-item exam that focuses on math skills needed for health care fields, including basic addition, subtraction, multiplication, fractions, decimals, ration and proportion, household measures, and general math facts that are useful. Personal calculators are not permitted during this part of the test although there is a basic function calculator available within the test.

Reading Comprehension: A 47 item exam that includes reading scenarios that are health related. Provides reading scenarios in order to measure reading comprehension, including identifying the main idea, finding meaning of words, etc.

Vocabulary & General Knowledge: A 50 item exam that contains vocabulary terms that are commonly used in both general English-speaking settings and in health care fields.

Grammar: A 50 item exam that contains basic grammar including: parts of speech, important terms and their uses in grammar, and commonly occurring grammatical errors.

Other Information Please check the following link for more HESI A2 Information (registration, cost, test dates): <https://www.tccd.edu/admission/testing-centers/hesi-a2/>

Results of test will be available immediately after completion. The test is 4.5 hours long; most people finish in approximately 2 hours.

APPLICANT SCORE BONUS POINTS

- .1 will be given to those registered with TCCD as a military Veteran
- .1 will be given to those who were enrolled as dual-credit high school students
- .1 will be given to those who have completed an advanced degree (Associate's or higher). Transcripts must state successful completion with GPA of 2.5 or higher, which is the minimum GPA for applying to the programs we currently offer.

RADIOLOGIC TECHNOLOGY PROGRAM

SCHEDULE/LENGTH

Course & Clinical Hours

Program courses and labs usually meet weekdays between 7am and 5pm. While in the program the potential exists for evening and weekend clinical rotations.

This is a Full-Time Program

Students need to be able to commit to a full-time schedule for six consecutive semester (2 YEARS). Part-time or evening learning options are not available. During your first summer semester, you will have a schedule of 4 days per week. This will increase in the Fall and Spring semesters to 5 days per week.

RADIOLOGIC TECHNOLOGY PROGRAM

Coursework in the First Summer Semester

RADR 1201 Introduction to Radiology

RADR 1203 Patient Care

RADR 1311 Basic Radiologic Procedures

Coursework in the First Fall Semester

RADR 1266 Practicum-Medical Radiologic Technology

RADR 1313 Principles of Radiographic Imaging I

RADR 2301 Intermediate Radiographic Procedures

Coursework in the First Spring Semester

RADR 1267 Practicum-Medical Radiologic Technology

RADR 2305 Principles of Radiologic Imaging II

RADR 2331 Advanced Radiographic Procedures

RADIOLOGIC TECHNOLOGY PROGRAM CONTINUED

Coursework in the Second Year Summer Semester

RADR 1366 Practicum-Medical Radiologic Technology

Coursework in the Second Year Fall Semester

RADR 2209 Radiographic Imaging Equipment

RADR 2213 Radiation Biology and Protection

RADR 2366 Practicum-Medical Radiologic Technology

Coursework in the Second Year Spring Semester

RADR 2233 Advanced Medical Imaging

RADR 2235 Radiologic Technology Seminar

RADR 2367 Practicum-Medical Radiologic Technology

FAQ

Contact

TR.HealthCareAdvising@tccd.edu

if you have any questions

