



## HEALTH SCIENCES

**Program Description:** This program provides radiology didactic coursework and clinical experience with general education courses in the arts and sciences. The Diagnostic Medical Imaging Radiology Program prepares qualified individuals for a career as a radiologic technologist, R.T(R). The Radiology program is designed to prepare persons for the safe use of Diagnostic Imaging Equipment in clinical settings under the supervision of a radiologist or other physician.

Graduates of the program are eligible to take the national credentialing examination administered by the American Registry of Radiologic Technologists (ARRT). The Texas Medical Board also requires that graduates of the Radiography Program apply for State Certification/Licensure.

Our program is accredited through the Joint Review Committee on Education in Radiologic Technology (20 N. Wacker Dr., Suite 2850, Chicago, IL 60606-3182; 312.704.5300; [www.jrcert.org](http://www.jrcert.org)).

Students working toward admission into a Health Sciences Program are required to declare General Studies in Pre-Health Sciences degree as their major until they are officially accepted into a program.

Admission to the College does not guarantee admission to a specific health science program of study as these programs have additional requirements that must be met.

The following items are required by health sciences programs, but deadlines may vary by program. Please see division and program websites for specific details.

- Completed and submitted immunizations prior to submitting an application
- Proof of health insurance
- Criminal background check
- Drug screen
- Current CPR (Cardiopulmonary Resuscitation) American Heart Association (AHA) Basic Life Support (BLS) for Healthcare providers
- Completed health data form
- Verification of annual tuberculosis status
- Completed program information session

**Technical Standards:**

Health Sciences programs establish technical standards and essential functions to insure that students have the abilities required to participate and potentially be successful in all aspects of the respective programs. Students are required to meet published technical standards and essential functions for the program. See specific program website for details: [www.austincc.edu/health/radr](http://www.austincc.edu/health/radr).

**Additional Requirements:**

Each program has specific admission requirements. See program website for detailed information: [www.austincc.edu/health/radr](http://www.austincc.edu/health/radr).

*Use this **Program Map** to choose courses with your college advisor and track your progress towards milestones and completion of program.*

| Pre-Degree Requirements  |  |  |
|--|--|--|
| Program Specific   | Reading and Writing Placement<br><i>Placements based on TSI</i>  | Mathematics Placement<br><i>Placements based on TSI</i>  |
| Prerequisites must be completed to be eligible to apply to the program. All courses in any semester must be completed with a C or better before proceeding to the next semester. | <input type="checkbox"/> Basic Developmental Courses<br><input type="checkbox"/> ESOL Courses<br><input type="checkbox"/> INRW Courses | <input type="checkbox"/> MATD-0332 - Basic Math Skills<br><input type="checkbox"/> MATD-042x/032x – ALEKS Sequence<br><input type="checkbox"/> MATD-0385/0485 – Developing Mathematical Thinking <i>Not prerequisite for MATH-1314/1324</i><br><input type="checkbox"/> MATD-0370 – Elementary Algebra<br><input type="checkbox"/> MATD-0390 – Intermediate Algebra<br><input type="checkbox"/> <i>Take MATD-0370 and 0390 to prepare for MATH-1314/1324</i> |

**Contact:**  
 Health Sciences  
[www.austincc.edu/health](http://www.austincc.edu/health)  
**Eastview Campus:**  
 Phone: 512.223.5700  
 or toll-free 888.626.1697  
**Round Rock Campus:**  
 Phone: 512.223.0220  
 Email: [healthsciences@austincc.edu](mailto:healthsciences@austincc.edu)

**Department Website:**  
[www.austincc.edu/health/radr/](http://www.austincc.edu/health/radr/)

**SEMESTER BY SEMESTER PROGRAM PLAN FOR ENROLLED STUDENTS**

*Plans can be modified to fit the needs of part-time students by adding more semesters*

| Prerequisites   | CR        | Advising Notes  |
|---|-----------|---|
| BIOL 2404 - Introduction to Anatomy and Physiology                    | 4         | Must be taken within the last 5 years.                                  |
| MATH 1314 - College Algebra   | 3         |   |
| ENGL 1301 - English Composition I                                     | 3         |   |
| SPCH 1315 - Public Speaking   | 3         |   |
|   | <b>13</b> | <b>Program Semester Hours / Meet with your advisor</b>                  |
| <b>Fall Semester (First Year)</b>                                     |           |   |
| RADR 1309 - Introduction to Radiography and Patient Care              | 3         |   |
| RADR 1213 - Principles of Radiographic Imaging I                      | 2         |   |
| RADR 1411 - Basic Radiographic Procedures                             | 4         |   |
| PSYC 2301 - Introduction to Psychology                                | 3         |   |
|   | <b>12</b> | <b>Program Semester Hours / Meet with your advisor</b>                  |
| <b>Spring Semester (First Year)</b>                                   |           |   |
| RADR 2431 - Advanced Radiographic Procedures                          | 4         |   |
| RADR 2209 - Radiographic Imaging Equipment                            | 2         |   |
| RADR 2205 - Principles of Radiographic Imaging II                     | 2         |   |
| RADR 1360 - Clinical-Radiologic Technology/Science - Radiographer I   | 3         |   |
|   | <b>11</b> | <b>Program Semester Hours / Meet with your advisor</b>                  |
| <b>Summer Semester (First Year)</b>                                   |           |   |
| RADR 2240 - Sectional Anatomy for Medical Imaging                     | 2         |   |
| RADR 2213 - Radiation Biology and Protection                          | 2         |   |
| RADR 1263 - Clinical-Radiologic Technology/Science - Radiographer II  | 2         |   |
|   | <b>6</b>  | <b>Program Semester Hours / Meet with your advisor</b>                  |
| <b>Fall Semester (Second Year)</b>                                    |           |   |
| RADR 2217 - Radiographic Pathology                                    | 2         |   |
| RADR 2460 - Clinical-Radiologic Technology/Science - Radiographer III | 4         |   |
| Language, Philosophy and Culture <b>OR</b> Creative Arts              | 3         | Select from the appropriate section of the Core Curriculum Course List. |
|   | <b>9</b>  | <b>Program Semester Hours / Meet with your advisor</b>                  |
| <b>Spring Semester (Second Year)</b>                                  |           |   |
| RADR 2233 - Advanced Medical Imaging                                  | 2         |   |
| RADR 2461 - Clinical-Radiologic Technology/Science - Radiographer IV  | 4         |   |
|   | <b>6</b>  | <b>Program Semester Hours / Meet with your advisor</b>                  |
| <b>Summer Semester (Second Year)</b>                                  |           |   |
| RADR 2335 - Radiologic Technology Seminar                             | 3         | Capstone course.  |
| RADR 2362 - Clinical-Radiologic Technology/Science - Radiographer V   | 3         | <b>ACHIEVEMENT:</b> Associate of Applied Science degree                 |
|   | <b>6</b>  | <b>Program Semester Hours</b>   |
| <b>Total Program Semester Credit Hours: 63</b>                        |           |   |

Please always check online at [austincc.edu/catalog](http://austincc.edu/catalog) or meet with your academic or program advisor to ensure that you are viewing the latest and most accurate information.

## Program Map

# Diagnostic Medical Imaging - Radiology

Degree: Associate of Applied Science (AAS)

Career & Transfer Resources Updated 8/18/17

## Career Information

Radiologic technologists are the medical personnel who perform diagnostic imaging examinations. They are educated in anatomy, patient positioning, examination techniques, equipment operation and control, radiation safety, radiation protection and basic patient care. They work closely with radiologists, the physicians who interpret medical images to either diagnose or rule out disease or injury. In addition to general radiography, the technologist may specialize in a specific imaging modality such as bone densitometry, cardiovascular-interventional radiology, computed tomography, mammography, magnetic resonance imaging, and quality management.

Registered radiologic technologists — known as "R.T.s" — must complete at least two years of formal education in an accredited program at a two or four year academic institution and must pass a national certification examination administered by the American Registry of Radiologic Technologists (<http://www.arrt.org>). To remain registered, they must earn continuing education credits. Most Radiologic Technologists work in hospitals, but increasing numbers are working in specialized diagnostic imaging centers and for physicians' practices. Some work in clinics and mobile radiography units. Radiologic Technologists usually work 40-hour weeks, but this may involve evening and weekend shifts, particularly if working for a hospital.

<https://www.facebook.com/Austin-Community-College-Diagnostic-Medical-Imaging-343980285713287/>

### Common Job Titles

Radiologic Technologists (includes Computed Tomography Technologist (CT Technologist), Mammographer, Mammography Technologist, Radiographer, Radiologic Technologist (RT), Radiological Technologist, Radiology Technologist, Staff Technologist, X-Ray Technologist (X-Ray Tech)

### Regional Labor Market Information

Radiologic Technologists: New workers generally start around \$26,176. Normal pay for Radiologic Technicians is \$35,289 per year, while highly experienced workers can earn as much as \$59,197. Over the last year, 34 companies have posted 247 jobs for Radiologic Technicians in this region. There are currently 472 Radiologic Technicians that are employed in Austin-Round Rock, TX. Source: <https://austincc.emsicc.com/careers/radiologic-technician>

**Career and labor market research tools** (see Quick Reference Guide at <http://www.austincc.edu/career>):

EMSI: <https://austincc.emsicc.com/>, Bureau of Labor Statistics: <http://www.bls.gov/ooh/>, O\*NET: <https://www.onetonline.org/>

**Career Resources:** ACC's career services website provides information on career exploration and employment at <http://www.austincc.edu/career>. Students are encouraged to consult with their area of study advisor for additional career assistance. The above information is provided as a guide and reference tool for occupations related to this program. This is not a guarantee of job placement in any of these occupations after successful completion of an ACC program. The common job titles listed are representative titles and are provided for career research. These are not the only occupations possible in this area of study.

## Transfer Information

The Diagnostic Medical Imaging-Radiology Associate of Applied Science prepares students to directly enter the workforce as a radiologic technologist, R.T(R). A Bachelor of Applied Arts and Sciences (BAAS) is an option for students who have earned an AAS degree who want to complete a four-year degree. These degrees apply non-transferable courses and work experience towards the degree. You still must meet general education requirements and take upper level courses.

**Transfer Guides:** *The universities listed here do not constitute an ACC endorsement. Transfer course evaluations and determination of which courses will count toward a bachelor's degree are made by the receiving transfer institution.*

**Texas State University:** <http://www.owls.txstate.edu/undergraduate-degrees/applied-arts-sciences.html>

**Concordia University Texas:** <http://www.concordia.edu/academics/college-of-business-and-communication/baas-in-business.html>

**Tarleton State University:** <http://www.tarleton.edu/degrees/bachelors/baas-business/>

**Texas A&M University - Central Texas:** <https://www.tamuct.edu/degrees/undergraduate/business-management.html>

**Texas Tech University:** [https://www.depts.ttu.edu/universitystudies/prospective\\_students/baas.php](https://www.depts.ttu.edu/universitystudies/prospective_students/baas.php)

**Additional Transfer Resources:** ACC's transfer website provides information on additional colleges & universities:

<http://www.austincc.edu/transferguides>. Students are encouraged to consult with a faculty advisor, area of study advisor, and/or their chosen transfer institution to ensure courses taken at ACC will apply toward their bachelor's degree program.