

RADIOLOGIC TECHNOLOGY

Associate of Applied Science degree



Program and Career Description:

Radiologic Technology is a health profession that involves producing diagnostic images of patient's internal structures for use by the radiologist or referring physician in diagnosing medical problems and disorders. As a professional, the radiographer is required to observe the ethical and professional standards expected of all persons involved in caring for patients in health care settings.

How long is the program?

Columbia State offers a 24-month, full scope program in Radiologic Technology.

What does the program provide?

- Classroom instruction in crucial areas prior to clinical rotations.
- Clinical competencies that exceed American Registry of Radiologic Technologists requirements.
- Graduates experience excellent career mobility.
- Opportunities for introductory rotations in specialty modalities such as ultrasound, magnetic resonance imaging (MRI), computed tomography (CT), radiation therapy, nuclear medicine, and cardiac catheterization.
- Encouragement toward life-long learning through involvement in local, state, and national conferences and organizations.

How is the job market?

Those qualified to perform more than one type of imaging procedure, for example, MRI, CT, and Mammography, will have the best employment opportunities. According to the Bureau of Labor Statistics, the national median annual compensation for Radiologic Technologists was \$61,240 in May 2018.

Check out www.jobs4tn.gov website for information about job descriptions, education requirements and abilities, and supply and demand for these careers. For additional information from a national perspective, go to Bureau of Labor Statistics, U. S. Department of Labor on the internet at www.bls.gov. Visit the [Occupational Outlook Handbook](#) on this website. Salaries are not guaranteed and vary dramatically by area of the country, state, and community as well as setting (i.e., hospital, clinic, or physician's office).

Opportunities

Columbia State's 24-month program prepares graduates for the national registry examination in radiography administered by the American Registry of Radiologic Technologists (ARRT). Graduates may pursue additional formal education (certificates, BS or MS degrees) at other institutions through traditional or online formats. Future employers may also offer on the job training in various specialty areas.

www.columbiastate.edu/radiologic-technology

Requirements for Graduation include:

- earning 25% of total program credits in residence at Columbia State.
- earn a GPA of at least 2.0 or higher.
- earn a cumulative GPA of 2.0 or higher.
- taking the Exit Exam.

For more information contact:
radtech@columbiastate.edu

or

Health Sciences Division office at
healthsciences@columbiastate.edu

or

931.540.2600 or 931.540.2599

Columbia State Community College, a Tennessee Board of Regents institution, is an equal opportunity, affirmative action institution.
CoSCC-RAD-02-01-20



Student ID: _____
Student Name: _____
Adviser Name: _____

Catalog: 2020-2021 Catalog and Student Handbook
Program: Radiologic Technology, A.A.S.
Minimum Credits Required: _____

Radiologic Technology, A.A.S.

Major in Radiologic Technology (A.A.S.)

Sample Academic Plan - Total Credit Hours: 75

Students must be accepted into the Radiologic Technology program before they can register for RADT courses. Program Requirements - Students may be required to take additional Learning Support courses. Courses cannot be used more than once to satisfy program requirements.

Fall Semester Prior to Program Entrance - Credit Hours: 12

Course Name	Credits:	Term Taken	Grade	Gen Ed
RADT 1100 - Introduction to Medical Imaging	Credits: 1			
MATH 1530 - Introductory Statistics *	Credits: 3			
BIOL 2010 - Human Anatomy and Physiology I *	Credits: 4			
ENGL 1010 - English Composition I OR ENGL 1020 English Composition II	Credits: 3			
COLS 101 - Columbia State College Success	Credits: 1			

Spring Semester (First Program Semester) - Credit Hours: 15

Course Name	Credits:	Term Taken	Grade	Gen Ed
RADT 1215 - Introduction to Radiography	Credits: 2			
RADT 1390 - Principles of Image Acquisition	Credits: 3			
RADT 1330 - Radiographic Procedures I	Credits: 3			
BIOL 2020 - Human Anatomy and Physiology II *	Credits: 4			
ADMN 1306 - Medical Terminology I	Credits: 3			

Summer Semester (Second Program Semester) - Credit Hours: 11

Course Name	Credits:	Term Taken	Grade	Gen Ed
RADT 1260 - Radiographic Practicum I (240 hrs.)	Credits: 2			
RADT 1340 - Radiographic Procedures II	Credits: 3			
RADT 1350 - Radiographic Digital Imaging	Credits: 3			
INFS 1010 - Computer Applications	Credits: 3			

Fall Semester (Third Program Semester) - Credit Hours: 13

Course Name	Credits:	Term Taken	Grade	Gen Ed
RADT 1470 - Radiographic Practicum II	Credits: 4			
RADT 2330 - Radiographic Procedures III	Credits: 3			
RADT 1380 - Principles of Radiation Physics	Credits: 3			
COMM 2025 - Fundamentals of Communication	Credits: 3			

Spring Semester (Fourth Program Semester) - Credit Hours: 14

Course Name	Credits:	Term Taken	Grade	Gen Ed
RADT 2460 - Radiographic Practicum III (480 hrs.)	Credits: 4			
RADT 2235 - Radiographic Procedures IV	Credits: 2			
RADT 1225 - Radiation Biology & Safety	Credits: 2			
² General Education - Humanities/Fine Arts Requirement (recommend PHIL 1040)	Credits: 3			
⁵ General Education - Social/Behavioral Science Requirement (recommend PSYC 1030)	Credits: 3			

Summer Semester (Fifth Program Semester) - Credit Hours: 10

Course Name	Credits:	Term Taken	Grade	Gen Ed
RADT 2210 - Radiographic Pathology	Credits: 2			
RADT 2385 - Radiographic Capstone	Credits: 3			
RADT 2295 - Radiographic Seminar	Credits: 2			
RADT 2370 - Radiographic Practicum IV (360 hrs.)	Credits: 3			

Note(s):

²**Humanities/Fine Arts Requirement** - Select from ART 1035, ART 2000, ART 2020, ENGL 2160, ENGL 2860, HUM 1010, HUM 1020, MUS 1030, PHIL 1030, PHIL 1040, PHIL 2200, THEA 1030. **Literature Options:** ENGL 2055, ENGL 2130, ENGL 2235, ENGL 2310, ENGL 2320.

⁵**Social/Behavioral Science Requirement** - Select from ANTH 1230, ANTH 1430, COMM 1010, ECON 2100, ECON 2200, GEOG 2010, PHED 2120, POLS 1010, POLS 1030, POLS 2025, POLS 2035, PSYC 1030, PSYC 2130, SOCI 1010, SOCI 1040, SOCI 2010.

*Biology and math courses must have been completed no more than five years prior to start of the program and must be a grade of "C" or higher.

Readmission/Transfer Students: See details in catalog. All RAD courses must be repeated if three or more years have elapsed since prior enrollment.

All courses listed must be successfully completed during or prior to the semester listed in the sample academic plan for the degree. Individual academic plans are developed for students unable to enroll in all of the required general education courses during the first semester of enrollment due to learning support deficiencies. This may extend the timeline to degree completion beyond six semesters.

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1. Earn 25% of total program credits in residence at Columbia State.
2. Earn a GPA of at least 2.0 in program courses.
3. Earn a cumulative GPA of 2.0 or higher.
4. Take the Exit Exam required by Columbia State.

Students and advisors should run a degree audit from myChargerNet each semester to confirm classes are applicable to the program of study.

For more information contact:

radtech@columbiastate.edu or Health Sciences Division office at 931.540.2600 or 931.540.2599

Detailed information is available via www.columbiastate.edu/radiologic-technology