

# Program Overview

The mission of Central Ohio Technical College is to meet the technical education and training needs of students and employers in the area.



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## Radiologic Science Technology

The Radiologic Science Technology program educates students for positions as radiologic imaging specialists for employment in the health care field. Radiologic Technologists interact with patients to produce images which demonstrate the anatomy, physiology and pathology of the body. Medical diagnosis is highly dependent upon visualizing the inside of the body. This can be imaged in radiology by *general*, fluoroscopy, computed tomography (CT scan), Magnetic Resonance Imaging (MRI) and nuclear medicine examinations.

### Why Choose COTC

- High pass rate on national credentialing examination;
- Two fully energized campus radiology laboratories and digital imaging equipment;
- Graduates have high success in job placement and employment;
- Dedicated, experienced faculty;
- Graduates consistently demonstrate ability to advance within the field;
- Multiple clinical rotations provide diverse experience with patients and resources.

### Radiologic Science Lab

The program utilizes two energized laboratories and digital imaging equipment on campus. These provide the student with the opportunity to develop and practice skills in controlled situations. Computer lab facilities are available to augment learning via virtual reality simulation and software programs.

### Learning Outcomes

At the completion of the plan of study the student will be able to:

- Perform entry level radiographer skill
  1. Produce acceptable diagnostic images

2. Evaluate images for quality
  3. Practice radiation safety
- Demonstrate accepted standards of professional practice and professional development within the health care environment
    1. Create a professional development plan
    2. Demonstrate professionalism in the clinical setting
  - Demonstrate effective communication skills
    1. Communicate effectively within the clinical setting
    2. Utilize appropriate medical terminology
    3. Demonstrate effective written and oral communication skills
  - Demonstrate effective problem solving and critical thinking skills
    1. Utilize problem solving skills to solve technique challenges
    2. Correct or improve the clinical images

### Important Student Characteristics

- Strong commitment to radiography
- Good interpersonal skills
- Good communication skills
- Positive accountability

### Admission/Selection Requirements

Students upon meeting the general COTC admission requirements must meet the following specific requirements for selection into the Radiologic Science Technology program. Selections are made on a competitive-selected process once a year. Minimum selection requirements completed and submitted by application deadline are:

- Submit online application [cotc.edu/apply](http://cotc.edu/apply)
- Complete COTC placement assessments or proof of waiver eligibility. If applicant places into

precollege coursework, those courses must be completed earning a grade of "C" or higher prior to the Radiologic Science application deadline. Pre-college courses based upon placement assessments include the corequisite options.

- Attendance at a mandatory Radiologic Science Information meeting-valid for 12 months. (<http://www.cotc.edu/Academics/Pages/Radiological-Science-Technology.aspx>)
- Submit official high school transcript with date of graduation and cumulative GPA, or copy of GED certificate.\*
- Submit official college/university transcripts from ALL colleges/universities previously and currently attended with GPA indicated.\*
- **Program pre-requisite courses**  
Completion of Math 140 or college equivalent with "C" or better.
- **NOTE:** A full unit of high school Biology or Intro to Biology and high school Chemistry or Intro to Chemistry Principles, or higher college equivalents, or approved COTC transfer credit for Anatomy & Physiology I, all with a grade of C or better is required before the application deadline date. Course planning is essential.
- All courses (prerequisite and program courses) require a "C" grade or higher.

**CPR—American Heart Association Health Care Provider Certificate is required for clinical sites upon selection.**

- 8 hours of documented observation in any Radiology/Imaging department with completion of Evaluation of Observation form\*\* (completed by clinical facility) All forms must be completed within 12

See reverse side for more information.

months of application deadline.

**Observation hours are waived for the 2021 application deadline.**

- Completion of Selection Exam (ATI TEAS). Scores valid for 12 months to application deadline. (<http://www.cotc.edu/Academics/Pages/Radiological-Science-Technology.aspx>)
- Federal Background Check (FBI) required at the time of selection for accepted and alternate students.
- Complete Radiologic Science Application no later than deadline of May 15. Students must meet with an Academic Advisor to receive the application. By submitting the Radiologic Science application by May 15, the student is verifying that all requirements and documentation are complete and will be on file with the Gateway by the deadline of May 15. If any requirements are not met or required documentation not received by this application deadline, the application will be pulled from the selection process. Students will have the opportunity to re-apply for the next deadline.

**Note: May 15, 2021 is a Saturday. Please make arrangements to meet with an Advisor for the application before close of business, 5pm Friday May 14, 2021.**

\*Submit official college transcripts from all previous and current college and career centers with GPA indicated directly to the Gateway Student Records Office:

Central Ohio Technical College  
Attn: Student Records  
1179 University Avenue  
Newark, OH 43055

Forms can be found at:

<http://www.cotc.edu/Academics/Pages/Radiologic-Science-Technology---Additional-Information.aspx>

*Selection into the Radiologic Science Technology program is a competitive process based on completion of all application requirements, selection exam test scores and GPA.*

## Career Opportunities

COTC graduates of the Radiologic Science Technology program find work in the areas of Diagnostic, CT, MRI and interventional radiology in:

- Hospitals
- Outpatient Centers
- Physician Offices

- Private Imaging Centers
- Mobile Companies
- Equipment Manufacturers

## How do I Start?

New students can complete the **free** online application for admission at [cotc.edu/apply](http://cotc.edu/apply). Current or returning students can contact The Gateway at any of our four campus locations for your next steps.

### The Gateway:

Newark Campus	740.366.9222 800.963.9275
Coshocton Campus	740.622.1408
Knox Campus	740.392.2526
Pataskala Campus	740.755.7090

[cotc.edu/gateway](http://cotc.edu/gateway)

COTC Admissions:

[cotcadmissions@mail.cotc.edu](mailto:cotcadmissions@mail.cotc.edu)

COTC Academic Advising:

[cotcadvising@mail.cotc.edu](mailto:cotcadvising@mail.cotc.edu)

*Faculty Advisors can be reached during the academic year from August to May.*

## Accreditation/Membership

Central Ohio Technical College's Associate of Applied Science in Radiologic Science Technology degree program adheres to national educational standards demonstrating commitment to academic excellence, health care quality and patient and professional safety. COTC's program is fully accredited by the:

### Joint Review Committee on Education in Radiologic Technology

20 N. Wacker Dr. Suite 2850  
Chicago, IL 60606-3812

### Department of Health, State of Ohio Radiologic Technology Division

246 North High Street  
Columbus, Ohio 43215

Central Ohio Technical College is accredited by The Higher Learning Commission and is a member of the North Central Association.

Phone: 312.263.0456

[www.hlcommission.org/](http://www.hlcommission.org/)

COTC is also a member of the American Association for Higher Education, the American Association of Community Colleges, the American Council on Education, the American Technical Education Association, Inc., the Ohio

Association of Two-Year Colleges and The Ohio College Association.

## Non-Discrimination Statement

Central Ohio Technical College is committed to building and maintaining a diverse community to reflect human diversity, and to improve opportunities for all. The college is committed to equal opportunity and eliminating discrimination. This commitment is both a moral imperative consistent with an intellectual community that celebrates individual differences and diversity, as well as matter of law. Central Ohio Technical College does not discriminate on the basis of age, ancestry, color, disability, gender, gender identity or expression, genetic information, HIV/AIDS status, military status (past, present or future), national origin (ancestry), race, religion, sex, sexual orientation, protected veteran status, status as a parent during pregnancy and immediately after the birth of a child, status as a parent of a young child, status as a foster parent or any other basis under the law, in its activities, programs, admission and employment. General information, questions, concerns or complaints related to these matters are to be directed to the Title IX Coordinator Holly Mason, Warner Center, Suite 236, Ohio State Newark/COTC, 1179 University Drive, Newark, Ohio 43055-1797 (740.364.9578) or ADA/504 Coordinator Connie Zang at the same location.



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