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), resonance imagining (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
- COTC Placement Assessment and completion of any pre-college coursework. GENR 091, Math 080 or proof of waiver of the Placement courses. www.cotc.edu/ACCUPLACER
- Submit documentation of Federal Background Check (FBI). The FBI
- Attendence 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 months of 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)
- Submit documentation of Federal Background Check (FBI). The FBI

See reverse side for more information.
background check cannot be older than 6 months prior to the application deadline and must be sent directly to COTC from fingerprinting agency. The FBI may be obtained at the Security Office in Warner Center on the Newark Campus (740.366.9237) for $35 or other local agencies.

- Completed and signed date specific Radiologic Science Technology Application form postmarked no later than application deadline of May 15. Applications are available at any Gateway office. By submitting the Radiologic Science Technology 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 the application deadline, the application will be pulled from the selection process. Students will have the opportunity to re-apply for the next deadline.

*Submit official transcripts and all required application documentation to:

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. 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
Coshocton Campus 740.622.1408
Knox Campus 740.392.2526
Pataskala Campus 740.755.7090
cotc.edu/gateway
COTP Admissions: cotcadmissions@cotc.edu
COTP Academic Advising: cotcadvising@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/

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 he 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 identity or expression, genetic information, HIV/AIDS status, military status, national origin, race, religion, sex, sexual orientation, protected veteran status, 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/COTP, 1179 University Drive, Newark, Ohio 43055-1797 (740.364.9578) or ADA/504 Coordinator Connie Zang at the same location.