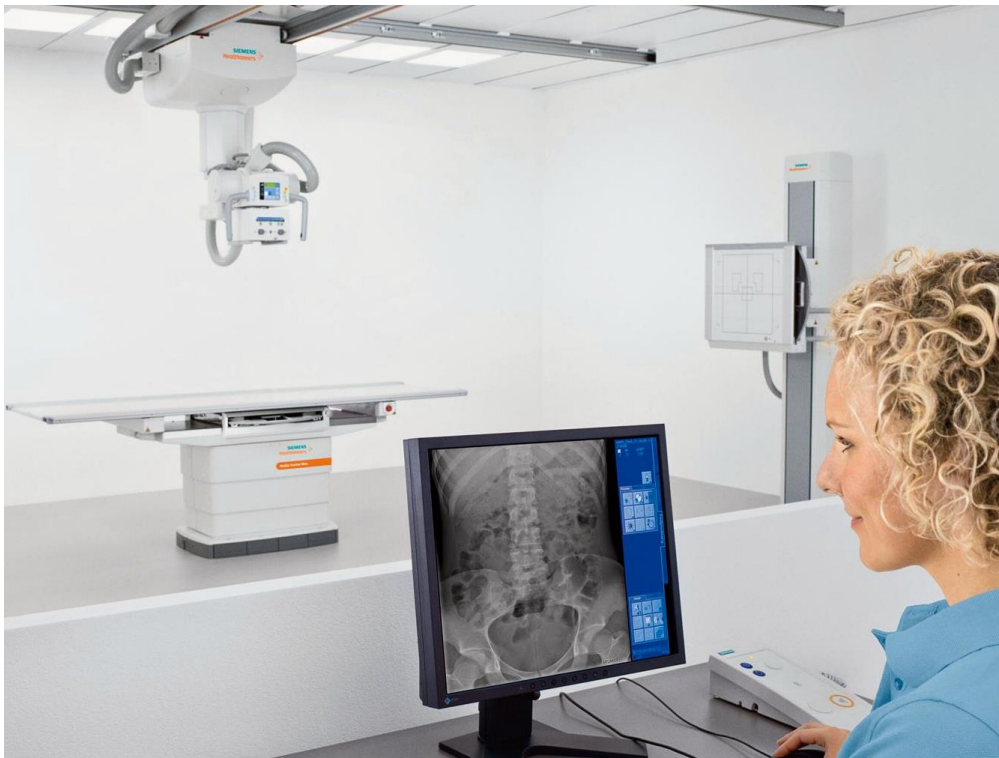


Central Ohio Technical College

Radiologic Science Technology



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Agenda

1. Profile of Registered Radiographers
2. Job Opportunities and outlook
3. COTC's program requirements and admission/selection

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COTC-Accredited Programs

Radiologic Technologists

COTC is fully accredited by the Joint Review Committee on Education in Radiologic Technology and the Department of Health, State of Ohio Radiologic Technology Division



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Job Profile



- **Physical Job**
- **Stand 80% of the day**
- **Strong People Skills**
- **Interact daily with sick or injured patients**

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PROS & CONS OF THE PROFESSIONS

- High starting salary
- Good job placement & security
- Hands on education
- Passion for job; strong desire to help and work with people
- Science and math- based
- Job market – stiff competition
- Intense programs with lockstep, daytime only courses

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Job Opportunities



- **Hospitals**
- **Emergency Departments**
- **Imaging & Diagnostic Imaging Centers**
- **Physician Offices**
- **Health Facilities**

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Job Outlook

- **Employment needs expected to grow faster than the average through the year 2026**
- **Median earnings generally start at \$61,370**

Taken from the Occupational Outlook Handbook 2021

<https://www.bls.gov/ooh/healthcare/radiologic-technologists.htm>

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Radiologic Science Technologist national and state requirements

National Requirements:

- Upon graduation you must pass the American Registry of Radiologic Technologists (ARRT) national registry exam – this is accepted in all 50 states

State Requirements:

- In addition to successfully passing the ARRT exam, individual states have licensure requirements. Ohio – must obtain a state licensure before employment

COTC graduates have 100% job placement for the past 5 years

- COTC has a 100% pass rate on ARRT national registry exam for the past 5 years
- Most have positions prior to graduation (all by 1 year)

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What Radiologic Technologists do...



- Radiologic technologists within medical imaging perform diagnostic imaging examinations. Imaging exams may be performed in the outpatient, inpatient, emergency department and surgical settings.
- Students may further specialize into other modalities such as Computed Tomography (CT), Magnetic Resonance Imaging (MRI), Interventional Radiology (CIV or VIR) and Mammography.
- In addition to preparing patients and operating equipment, radiologic technologists keep patient records and adjust and maintain equipment. They also may prepare work schedules, evaluate purchases of equipment or manage a radiology department.

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Radiologic Science Technology

Application requirements

- Apply for admission to COTC (no application fee)
- Complete remedial coursework (if required)*
- Submit official high school transcript or GED and transcripts from ALL colleges/universities or adult education programs
- Attend Radiologic Science Technology Information Meeting (valid for 12 months)
- Complete specific program coursework*
- Take the HESI exam (scores valid for 12 months)
- Submit online program application by application deadline

*courses can be in progress spring semester of the deadline

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Program Prerequisite Courses

Must take the following courses prior to the application deadline
and receive a “C” grade or higher

MATH 140 - College Algebra

**High School Biology or BIO 010 - Intro to
Human Biology or college equivalent**

**High School Chemistry or
CHEM 020 - Intro to Chemistry Principles
or college equivalent**

*courses can be in progress spring
semester of the deadline

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Transcripts

Must have all **final official transcripts** on file prior to submitting Radiologic Science Technology application.

- High school or GED
- **ALL** previously or currently enrolled postsecondary institutions including colleges and career centers (official transcripts must be in a school sealed envelope or sent electronically directly to cotcrecords@mail.cotc.edu)
- International high school and college transcripts must be evaluated by a current member of NACES (www.naces.org) and an official report must be sent directly to COTC Records.

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Transcripts

- Students who completed College Credit Plus or Post-Secondary courses while in high school must request transcripts from the College providing credit.
- Students who attended multiple institutions must request a transcript from each institution attended.
- Students who withdrew from a college before completing any courses must verify if they have a transcript on file. If so, they must request a transcript.

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Transcripts

- Students with continuing education credit or employment training provided through a college must request a transcript.
- Students who attended a permanently closed institution will still need to provide a transcript. Please visit the Ohio Department of Education website for information on how to request from a closed institution.
- Students who are unsure of past institutions they have attended may view their educational attendance history through the National Student Clearinghouse – <https://www.studentclearinghouse.org>

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HESI A2

Health Education Systems, Inc.

- Valid for 12 months
- Current cost is \$50 and is administered at COTC, offered on ALL campuses
- HESI A2 exams will only be available in-person
- COTC does NOT offer remote-online exams
- No minimum score needed to apply to program
- Scores are automatically sent over to records
- MOST RECENT scores used for application
- Study guide materials, including practice exams are available on the HESI webpage
- <https://www.cotc.edu/post/health-applicant-exam>
- Test must be completed by program application deadline

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HESI A2

Health Education Systems, Inc.

Transfer from or taking at another location?

- Scores can be sent from any testing location as long as they meet the following criteria:
 - It must be administered in-person. No remote exams will be accepted.
 - The test must have **exactly** the same subjects our HESI A2 covers - **no more, no less.**

Subject Areas:

1. Reading Comprehension
 2. Vocabulary & General Knowledge
 3. Basic Math Skills
 4. Biology
 5. Chemistry
- The score transcript must be ordered from HESI and sent directly to cotcrecords@mail.cotc.edu to be verified.

* Additional fees will apply

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Things to Consider:



- Radiologic Science Technology requires 5 semesters of technical courses. Technical courses are lockstep, daytime, not online and not offered evening or weekends.
- Students need to plan life and work around the program requirements.
- All general education courses for Radiologic Science Technology can be completed before selection into the program. Students **MUST** successfully pass general education course(s) no later than the end of the semester in which it is listed on the plan of study.
- Financial aid status could be affected. (3rd/Summer semester)
 - See plan of study

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Program Deadline & Application

- Deadline to apply is **May 1, 2023**
- Applications available one month prior to deadline. Request from your assigned advisor or email: cotcadvising@mail.cotc.edu
- Advisors review requirements and initiate an application. The application will be sent to your COTC email for you to complete and submit.
- Incomplete applications/requirements will not be considered.

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Selection Criteria

What is the selection criteria?

- Blended high school/college GPA
- HESI Exam scores
- Blind Selection Process



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Selection Facts

- The COTC Radiologic Science Technology program selections are based upon the available number of clinical sites for student placement. This is approximately 27 students.
- A small group of denied students will be considered as alternates if a selected student declines their admission. Alternates are considered up to the first day of autumn semester. This is not a waitlist and does not carry over into the next selection.
- Talk with your Advisor about a parallel plan.

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Selective Health Programs

To learn more, attend an information meeting:

<https://www.cotc.edu/program-information-meetings>

- Practical Nursing
- Associate Degree Nursing
- Licensed Practical Nurse - Associate Degree Nursing
- Paramedic – Associate Degree Nursing
- Surgical Technology
- Diagnostic Medical Sonography

MUST MEET ADMISSION REQUIREMENTS/DEADLINES

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Open Enrollment Health Programs

Health Services Technology Degree -designated program for pre-health students applying to a selective health program, also serves as a parallel plan for students not selected but seeking a career within healthcare.

Completion requires students to fulfill general courses and two technical tracks. Each technical track provides an opportunity for students to earn a certificate.

Chose from:

- Case Management for the Healthcare and Gerontology Professional
- Community Health Worker
- Home Health Provider
- Phlebotomy

OR

- Health Services Technology Degree - Medical Coding Major
- Medical Coding – One Year Certificate (3 semesters)
- Medical Coding – Short Term Certificate (2 semesters)

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Additional Certificates in Healthcare

- Electrocardiography Technician
- Patient Care Technician
- Behavioral and Mental Health
- State Tested Nurse Aide
- Phlebotomy

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What Happens After Applying?

You will be notified via COTC email approximately 4-6 weeks after the application deadline.

Accepted Students

- Attend **MANDATORY** Radiologic Science program orientation in June or July (*two dates to choose from*).
- Failure to attend the orientation will **FORFEIT** your seat; no exceptions.

Alternate Students

- Must attend the mandatory orientation.
- Will be contacted if a seat becomes open for the semester.
- Does not guarantee acceptance and the alternate list is dissolved once the program starts.

Selected and Alternate Students must complete FBI and BCI Background Checks and Drug screening with deadlines communicated.

- Non-Acceptance - Please meet with your advisor to discuss a plan of action.

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The Gateway

Newark 740-366-9222

Pataskala 740-755-7090

Knox 740-392-2526

Coshocton 740-622-1408

cotcadvising@cotc.edu

Contact your academic
advisor directly

Contact Information



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CENTRAL
OHIO
TECHNICAL
COLLEGE