COLUMBUS TECHNICAL COLLEGE

Radiologic Technology Program

Program Accreditation

The Radiologic Technology Program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT).

Further information concerning accreditation of the Program can be found through the Joint Committee on Education in Radiologic Technology (JRCERT), 20 N. Wacker Drive, Suite 2850, Chicago, IL 60606-3182. JRCERT CTC RADT Program Information

Program Description

The Radiologic Technology associate's degree program offers the student the opportunity to obtain an exciting and rewarding career in one of the hottest areas of diagnostic imaging. The faculty and staff work hard to provide the student with the didactic and psychomotor instruction that is necessary for success. The partnerships that the college has with area hospitals and clinics will provide students with exceptional clinical education and experience. The student may experience all aspects of medical imaging, including routine radiography and fluoroscopy, trauma radiography, surgical and mobile radiography, as well as subspecialties, such as computed tomography (CT), mammography (M), magnetic resonance imaging (MRI), diagnostic medical sonography (US), nuclear medicine (NM), and radiation therapy (T).

As a program graduate, the student will be eligible to sit for the national certification examination in Radiologic Technology, administered by the American Registry of Radiologic Technologists (ARRT). The program also offers the graduates, job placement assistance and information concerning any available professional and continuing education opportunities. Hospital imaging departments, clinics, physicians' offices, and diagnostic centers all seek graduates with this degree.

Estimated Salary

Radiologic Technology offers competitive salaries that are based on experience, geography and credentials. Full time, Part time, and PRN shifts are often times available. According to the Ga. Dept. of Labor, the 2019 average annual wage for the profession was $54,112. The annual wage for Muscogee Co. was $46,446.

For information on career opportunities for radiologic technologists, please visit the American Society of Radiologic Technologists at: www.asrt.org.

Program Considerations

The Radiologic Technology program is a day-time program that requires the student be available for classroom lectures, laboratory procedures and clinical education from 7:30am to 5:00pm, Monday through Friday. With prior notification given, limited afternoon and weekend shifts may be scheduled during the 2nd-4th semesters. Please note that attending this program is equivalent to working a full-time job. At this time, all clinical sites are located within 5-10 miles of the college. The CTC campus is closed on Friday – Sunday, however, the student may be assigned to clinical rotations on those days, clinical instructors will be on site and program faculty will be available by phone or email. Clinical Affiliates: Piedmont Midtown Medical Center, Piedmont Northside Medical Center, Emory St. Francis Hospital, Jack Hughston Memorial Medical Center and Horizons Diagnostics.

Program Certification-ARRT Primary Eligibility Pathway Requirements for Radiography
Should a candidate elect to have an Ethics Review administered prior to enrolling in an educational program, the candidate may submit a pre-application packet and fee of $100 to the ARRT. Click to download the ARRT Pre-Application Info.

Program Admission Requirements
The student must present an official documentation of an earned high school diploma or official GED scores to the CTC Office of Admissions.
In addition, the student must:
- be 18 years of age or older
- have no provisional and/or special admission consideration for the program
- complete all pre-requisite courses for intended program as listed on the CTC website by the end of Summer semester with a grade of C or higher in all courses, in the year of making application.
- have a minimum overall GPA of 2.5 at the end of the summer semester, in the year of making application.
- All transcripts for courses being transferred in from other colleges, must be received in the Admissions Office before the application deadline of September 15th.
- HESI A2 exams must be completed before the application deadline of September 15th.

Program Admission Information
- Approximately 70 – 100 students apply each year.
- Clinical accommodations permits the program to accept 15 students per class, per year.
- The Radiologic Technology program is a competitive admissions program. **Please see the competitive admission process, under the CTC Health Sciences & Nursing link**.
- Once you have gained acceptance into Columbus Technical College and have completed the required pre-requisite courses listed below, you may apply and compete for a seat in the RT program.
- The initial acceptance into the program is ***contingent*** upon an acceptable background check and toxicology screening that will be required once the student has been selected amongst the top 15. The background and toxicology screening will be conducted by: www.clinicalbackgrounds.com. These clinical requirements are enforced by our clinical affiliates.
- Once selected amongst the top 15 applicants, the student must provide a current physical exam (medical form), immunization record, and a current AHA BLS CPR card.
- Program applications must be completed and submitted ***electronically*** by September 15th for Spring semester admission, and no sooner than two weeks prior to due date. All prerequisite courses and HESI A2 exams must be completed by the time of application and all transcripts from courses being transferred in from other colleges must be received in the Admissions Office before the application deadline of September 15th.

RADIOLOGIC TECHNOLOGY - RT23

PRE-REQUISITE COURSES	CREDIT HOURS
SEMN 1000 - First Semester Seminar	0
ALHS 1090 - Medical Terminology for Allied Health Sciences	2
BIOL 2113 - Anatomy and Physiology I	3
BIOL 2113L - Anatomy and Physiology Lab I	1
PSYC 1101 - Introductory Psychology	3
ENGL 1101 - Composition and Rhetoric	3
BIOL 2114 - Anatomy and Physiology II	3
BIOL 2114L - Anatomy and Physiology Lab II	1
MATH 1111 - College Algebra or MATH 1101- Mathematical Modeling	3
Communications/Language Arts- (English Comp., Comm. or Speech)	3
Humanities/Fine Arts - (Art Appreciation, Music Appreciation or Humanities)	3

RADT PROGRAM COURSES

RADT 1010 - Introduction to Radiology	4
RADT 1030 - Radiographic Procedures I	3
RADT 1320 - Clinical Radiography I	4
RADT 1075 - Principles of Radiographic Imaging	4
RADT 1060 - Radiographic Procedures II	3
RADT 1065 - Radiologic Science	2
RADT 1330 - Clinical Radiography II	7
RADT 1085 - Radiographic Equipment	3
RADT 1200 - Principles of Radiation Biology and Protection	2
RADT 2090 - Radiographic Procedures III	2
RADT 2340 - Clinical Radiography III	6
RADT 2360 - Clinical Radiography IV	9
RADT 2260 - Radiologic Technology Review	3

TOTAL CREDIT HOURS   **77**

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Radiologic Technology Program Information

Program Mission Statement

It is the mission of the Columbus Technical College School of Radiologic Technology to provide an education of excellence and high quality to qualified student in an environment that focuses on continuous quality improvement. In the academic and clinical setting, a curriculum is presented that provides students opportunities to develop a mastery of subject matter, technical competency, ethical considerations, and problem-solving abilities. The education provided will foster cooperation, commitment, individual student responsibility. The student scholar will be able to apply the knowledge attained toward successfully competing in the ever-changing health care environment.

Program Goals and Student Learning Outcomes

Goal 1 Students/graduates will communicate effectively and in a professional manner.

- Students will exhibit effective oral communication skills.
- Students will practice written communication skills.
- Students will practice oral communication skills in the clinical area.
- Students will practice oral communication skills in a group/class setting.

Goal 2 Students/graduates will be clinically competent.

- Students will be clinically competent for entry-level performance.
- Students will utilize skills in equipment manipulation and patient positioning.
- Students will select proper technical factors.
- Students will practice radiation protection skills.

Goal 3 Students/graduates will exhibit effective critical thinking, and problem solving skills.

- Students will exhibit effective communication, critical thinking, and problem-solving skills.
- Students will complete critical thinking and problem-solving case studies.
- Students will perform critical thinking and problem-solving skills in clinical assignments.

Goal 4 Students/graduates will exhibit professional growth in attitudes, behavior, and ethics

- Students will exhibit development of professional growth in attitudes, behavior, and ethics.
- Students will exhibit a professional attitude in clinical assignments.
- Students will demonstrate the value of professional growth and development.
- Students will demonstrate the importance of work ethics.

Program Effectiveness Data

1. Students will pass the ARRT national certification exam on the first attempt.
2. Students will complete program within 21 months.
3. Employers will be satisfied with graduates' performance.
4. Graduates will be satisfied with their education.
5. Students pursuing employment will be employed within 12 months post-graduation.

Institution Name: Columbus Technical College
Program Type: Radiography
Degree Type: Associates Degree

Program Effectiveness Data

The following is the most current program effectiveness data. Our programmatic accreditation agency, the Joint Review Committee on Education in Radiologic Technology (JRCERT), defines and publishes this information. Click here to go directly to the JRCERT webpage.

Credentialing Examination: The number of students who pass, on the first attempt, the American Registry of Radiologic Technologists (ARRT) certification examination, or an unrestricted state licensing examination, compared with the number of graduates who take the examination within six months of graduation. The five-year average benchmark established by the JRCERT is 75%.

Credentialing Examination Rate	number passed on 1st attempt divided by number attempted within 6 months of graduation
Year	**Results**
Year 1 - 2016	**10 of 13 – 77%**
Year 2 - 2017	**14 of 15- 93%**
Year 3- 2018	**12 of 13- 92%**
Year 4- 2019	**14 of 15- 93%**
Year 5- 2020	**15 of 15- 100%**
Program 5-Year Average	**65 of 71- 91.5%**

Job Placement: The number of graduates employed in the radiologic sciences compared to the number of graduates actively seeking employment in the radiologic sciences within twelve months of graduating.
The five-year average benchmark established by the JRCERT is 75%.

Job Placement Rate	number employed divided by number actively seeking employment within 12 months of graduation
Year	**Results**
Year 1 - 2016	**8 of 8 – 100%**
Year 2 - 2017	**8 of 8 - 100%**
Year 3- 2018	**10 of 10- 100%**
Year 4- 2019	**14 of 14- 100%**
Year 5- 2020	**14 of 14- 100%**
Program 5-Year Average	**54 of 54- 100%**

Program Completion: The number of students who complete the program within the stated program length. The annual benchmark established by the program is

Program Completion Rate	number graduated divided by number started the program
Year	**Results**
Year 1- 2020	**14 of 15**
Annual Completion Rate	**93.3%**

COLUMBUS TECHNICAL COLLEGE

Estimated Radiologic Technology Program Expenses and Fees 2021

Admission and Health Expenses	**Estimated Cost**
Background Check/Toxicology Screening x 1	$60.00
Physical Exam x 1	$100.00
Immunizations/Titers (including annual PPD)	$130.00
Influenza Vaccine x2 ($20)	$40.00
CPR (AHA BLS for Healthcare Providers)	$65.00
Meridy's Uniforms and Accessories (req. minimum- 2 uniforms, 1 lab coat and 1 pr. of shoes)	$250.00
TOTAL	**$395.00**

Required Program Fees/Textbooks/Modules	
Textbooks for 4 semesters	$1000.00
Online Learning Modules and Courses for 4 semesters	$400.00
CTC Software Fee for 4 semesters	$160.00
AceMapp Electronic Student Portal for clinical education- 4 semesters	$100.00
Radiation Dosimetry and monitoring for 4 clinical semesters	$120.00
Student Liability Insurance for 4 clinical semesters	$40.00
Graduation Application	$40.00
ARRT Certification Exam-after graduation and optional	$200.00
TOTAL	**$2060.00**

RADT Program Tuition/Fees per Semester (In-State, 52 credit hours)	
Spring Semester	$1821.00
Summer Semester	$1521.00
Fall Semester	$1621.00
Spring Semester	$1521.00
TOTAL	**$6484.00**

GRAND TOTAL (*excluding pre requisite courses)	**$8,939.00**
Grand Total (*include. Prereq. courses, In-state, 25 additional hrs.)	**$12,402.00**