Radiologic Technology Degree

This associate degree brings the student into the area of high technology in the field of medicine. You will experience all the applications of diagnostic imaging, including routine radiography and fluoroscopy, trauma radiography, surgical and mobile radiography, pediatric radiography, as well as subspecialties such as computed tomography (CT), magnetic resonance imaging (MRI), ultrasound (US), nuclear medicine (NM) and radiation therapy.

Graduation from the program allows eligibility to sit for the national accreditation examination administered by the American Registry of Radiologic Technologists (ARRT), which awards a national certification in Radiology Technology. The partnerships the college has with area hospitals will provide the benefits of on-the-job training in a clinical setting. Hospital radiology departments, clinics, physicians' offices, and diagnostic centers seek graduates with this degree.

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 students 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 competencies, ethical considerations, and problem solving abilities. The Education provided will foster cooperation, commitment, and 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 Assessment Goals and Student Learning Outcomes

Goal 1: Students/graduates will exhibit effective communication skills.

Student Learning Outcomes:
- Students will practice written communication skills.
- Students will practice oral communication skills in the clinical setting.
- Students will practice oral communication skills in a group/class setting.

Goal 2: Students/graduates will be clinically competent for entry-level performance.

Student Learning Outcomes:
- 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.

Student Learning Outcomes:
- Students will complete case studies in critical thinking and problem-solving.
- Students will perform critical thinking and problem-solving skills in clinical assignments.

Goal 4: Students/graduates will exhibit development of professional growth in attitudes, behavior, and ethics.

Student Learning Outcomes: - 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. 75% of students will pass the ARRT Certification on the first attempt.
2. 80% of students will complete program within 24 months.
3. 80% of employers returning post-graduate surveys will be satisfied with graduates' performance.
4. 80% of graduates returning post-graduate surveys will be satisfied with their education.
5. 75% of students pursuing employment will be employed within 12 months post-graduation.

Radiologic Technology Program Effectiveness Data:

- Program Completion Rate for 2014: 92.8%; 5 year rate = 92.9%
- ARRT Certification Pass Rate (2009- 2014)= 92.4%
- 5 year job placement rate (2009-2014) = 83%

Radiologic Technology Program Effectiveness Data:

Year	Number of Starting Students	Number of Graduates	Program Completion Rate Benchmark 80% or higher	Number of Graduates Passing ARRT Certification 1st Attempt	ARRT Certification Exam Pass Rate Benchmark 75% or higher	Number of Graduates Actively Seeking/Gaining Employment within 6 months of graduation	Job Placement Rate- those gaining employment within 6 months of graduation Benchmark 75% (5 year average)	Number of Graduates Actively Seeking/Number of Graduates Gaining Employment within 12 months of graduation.
2014	14	13	92.8%	12	93%	11/7	64%	11/9 81.8%
2013	14	14	100%	13	93%	7/6	85.7%	7/6 85.7%
2012	No Students	0	0	0	0	0	NA	NA
2011	13	12	92.3%	10	83%	11/9	81.8%	11/9 81.8%
2010	15	13	86.6%	13	100%	11/9	81.8%	11/9 81.8%
2009	16	15	93%	14	93%	14/12	85.7%	14/12 85.7%
5 YR	72	67	92.9%	62	92.4%	54/43	79.6%	54/45 83%

"For further information on Program Effectiveness Data, please refer to the JRCERT,

https://portal.jrcertaccreditation.org/summary/programannualreportlist.aspx

Program Admission Requirements for Radiologic Technology
(Competitive Admission)

Must have presented official documentation of an earned high school diploma or official GED scores to the Admissions Office.

1. Be at least 18 years old.
2. No provisional and/or special admission students considered for the program.
3. Must have attained at least minimum Reading(79) and Writing (62) COMPASS scores and these scores can not be more than five (5) years old in the semester selected to compete.
4. Complete pre-requisite courses for your intended program as listed on web site by the end of Fall semester.
5. Must have a minimum overall GPA of 2.5 at the end of Spring semester of the year making application.
6. Submit packet containing the following:
   - Letter of Intent
   - Personal Data Form
   - Technical Standards for Radiologic Technology Form
7. Provide current physical exam (medical form)/immunization record and current CPR card after program acceptance.

Packets should be turned in no sooner than September 15th each year for Spring Semester admission to the Administrative Assistant's Desk (HSC 3323) in the Robert L. Wright Health Sciences Building. Deadline for application is October 1 each year. All packets must be complete upon submission. Entrance is contingent on completion of a Background check through www.clinicalbackgrounds.com which must be completed after being conditionally accepted to the program.

Curriculum Outline (New Curriculum will begin with Class Starting Spring 2016)
(77 Semester Hours)

General Core Courses	Title	Credits
ENGL 1101*	Comp & Rhetoric	3
MATH 1111*	College Algebra	3
PSYC 1101*	Intro to Psychology	3
HUMN xxxx	Humanities/ Fine Arts Elective	3
SPCH 1101	Public Speaking	3
ALHS 1090*	Medical Terminology	2
BIOL 2113/L*	Anatomy & Phys I w Lab	4
BIOL 2114/L*	Anatomy & Phys II w Lab	4

Specific Technical Courses	Title	Credits
RADT 1010	Intro to Rad Tech	4
RADT 1030	Rad Procedures I	3
RADT 1060	Rad Procedures II	3
RADT 2090	Rad Procedures III	2
RADT 1075	Principles of Imaging	4

RADT 1065	Radiologic Science	2
RADT 1200	Principles of Radiation Biology & Protection	2
RADT 1085	Radiologic Equipment	3
RADT 1320	Clinical Rad I	4
RADT 1330	Clinical Rad II	7
RADT 2340	Clinical Rad III	6
RADT 2360	Clinical Rad IV	9
RADT 2260	Registry Review	3