RADIOLOGIC TECHNOLOGY, Associate in Science Degree - 3760

Health Careers Department
CIP Code: 51.0911

The Radiologic Technology AS program prepares students to enter the healthcare field as Radiologic Technologists, who perform general radiographic imaging. Coursework provides students with the knowledge and technical expertise to produce radiographic images of the human body, which are used by physicians to make a medical diagnosis. This program is offered in cooperation with affiliated physician offices, hospitals and medical imaging centers and provides students with both theoretical and practical instruction through in-class, virtual learning, and laboratory learning environments. Practical application is also provided through clinical instruction at these clinical affiliates. The program curriculum is structured so that courses are offered in both blended and face-to-face formats. Students are only required to attend in-class and lab-sessions at the campus one day per week. Graduates are eligible to take the national certifying examination given by the American Registry of Radiologic Technologists (ARRT). Previous conviction of a crime, including felony, gross misdemeanor, or misdemeanor, with the sole exceptions of speeding or parking violations, may result in denial to sit for the ARRT national registry examination. Therefore, any person interested in pursuing an education in Radiologic Technology who has any questions pertaining to his/her potential eligibility to qualify for taking the examination should seek guidance from the Department of Regulatory Services, ARRT, 1255 Northland Drive, St. Paul, Minnesota 55120, (651) 687-0048, before commencing coursework. This program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT), 20 North Wacker Drive, Suite #2850, Chicago, IL 60606-3182, (312) 704-5300, (http://www.jrcert.org). Students may complete 75% of this program at the Lancaster Campus through on-campus/in-person instruction. The remaining coursework must be completed through various modalities (e.g., hybrid, synchronous remote instruction and asynchronous instruction).

Selective Program: Entry into this program is not guaranteed with admission to the College; this is a selective and competitive admission program; specific admissions criteria must be met. Please go to the Health Careers website (www.hacc.edu/healthcareers), or by email start@hacc.edu.

Please note that students interested in this program must begin in the Pre-Health Professions AS degree. Then, students may apply for admission into this program, once they meet the requirements. Students can discuss these admission requirements as part of their advising process.

Career Opportunities
Graduates find employment as radiologic technologists or radiographers in hospital radiology departments, physician offices and independent medical-imaging centers.

Competency Profile
This curriculum is designed to prepare students to:
- Be clinically competent radiographers
- Apply critical thinking skills
- Model professionalism
- Employ effective communication skills
- Model leadership qualities

PROGRAM REQUIREMENTS (TOTAL CREDITS =75)

General Education		Major Requirements		Other Required Courses
ENGL 101 English Composition I	3	RADT 100 Intro to Radiologic Proc	3	
ENGL 102 English Composition II	3	RADT 102 Introduction to Radiologic Tech	3	
COMM 203 Interpersonal Communication	3	RADT 105 Radiation Protection and Biology	2	
Humanities & Arts Core Elective - *SPAN 104*	3	RADT 106 Radiologic Tech Clinical Intro	3	
Mathematics Core Elective - *MATH 103*	3	RADT 107 Radiographic Procedures I	3	
Mathematics **or** Science Core Elective - *BIOL 122*	4	RADT 108 Radiation Characteristics & Production	3	
Science w/ a Laboratory Core Elective - *BIOL 121*	4	RADT 109 Radiologic Tech Clinical I	2	
Social & Behavioral Science Core Elective	3	RADT 111 Introduction to Radiation Sciences	3	
First-Year Seminar Elective	1	RADT 201 Radiographic Procedures II	3	
Wellness Elective	1	RADT 202 Imaging Equipment	2	
	28	RADT 203 Radiologic Tech Clinical II	3	
		RADT 205 Radiographic Pathology	3	

RADT 207 Radiologic Tech Clinical III	3	
RADT 208 Imaging & Processing	3	
RADT 209 Image Analysis	2	
RADT 210 Intro to Computer Tomography	1	
RADT 211 Radiologic Tech Clinical IV	3	
RADT 212 Radiologic Technology Seminar	2	
	47	

Note: Students must complete the following courses with a minimum grade of C to graduate: BIOL, COMM, ENGL, MATH and RADT.

RECOMMENDED SEQUENCE FOR FULL-TIME STUDENTS

Part-time students can complete this program by taking one or more courses each semester.

Fall Semester I		Spring Semester I		Summer I	
BIOL 121	4	BIOL 122	4	RADT 107	3
ENGL 101	3	COMM 203	3	RADT 108	3
FYS Elective	1	RADT 100	3	RADT 109	2
MATH 103	3	RADT 105	2		
RADT 102	3	RADT 106	3		
RADT 111	3				

Fall Semester II		Spring Semester II		Summer II	
RADT 201	3	ENGL 102	3	RADT 205	3
RADT 202	2	RADT 207	3	RADT 210	1
RADT 203	3	RADT 208	3	RADT 211	3
SPAN 104	3	RADT 209	2	RADT 212	2
Wellness Elective	1	Social/Behavioral Science Core Elective	3		