

RADIOLOGIC TECHNOLOGY

About the Program

X-ray technologists use radiation to make images of internal organs of the body, which aid radiologists in diagnosing a patient's illness or injury. Under the supervision of the radiologist, the technologist positions patients and exposes the affected area of the body to prescribed doses of radiation. Technologists will need to apply computer skills and prepare records of services performed. The technologist will also be skilled in digital radiography which is the new technology that is utilized in the radiography field today. Attributes/skills needed include: compassionate and emotionally mature, good eye/hand coordination, mechanical aptitude, interest in math and physical science, ability to work with all types of people and be part of a team, ability to calm nervous patients, ability to stand/walk for long periods of time, work with precise limits or standards, make decisions using personal judgment, ability to work independently, ability to picture forms in space, understand the meanings of words and present information clearly, ability to work under pressure and handle emergencies.

The Radiologic Technology Program at Scott Community College is a two-year, full-time program admitting a limited number of students in the summer of every year. The application process and admission requirements for the Radiology Technology program can be found at <http://www.eicc.edu/future-students/our-programs/radiology/admission-process.aspx>. Students in the pre-RT category may attend part time, but due to the nature of the program content, once accepted into the RT program, the RT curriculum requires full-time participation. Classroom instruction is coupled with supervised clinical experiences at local hospitals and clinics. Students in the program can expect to spend approximately 30 hours per week in class or clinic and another 10-20 hours studying.

Catalog Program Description

The Radiation Technology program prepares students to maintain and use the equipment and supplies necessary to demonstrate portions of the human body utilizing x-ray images for diagnostic purposes. X-ray technologists use radiation to make images of the body to aid radiologists in diagnosing a patient's illness or injury.

The Radiologic Technology program is accredited by Joint Review Committee on Education in Radiologic Technology (JRCERT). Graduates of this program, who meet all of the requirements, are eligible to take the American Registry of Radiologic Technologist (ARRT) board examination.

Award Options

Radiologic Technology, Associate of Applied Science Degree

Job Outlook

Employment of radiologic technologists is expected to increase by about seven percent from 2019 to 2029, faster than the average for all occupations. As the population grows and ages, there will be an increasing demand for diagnostic imaging. The median annual wage for radiologic technologists in the United States was \$60,510 in May 2019. The median wage for Iowa was 52,700 per year. The median wage average wage 24.99 dollars per hour in Iowa.

For details, please visit <http://www.bls.gov/ooh/>



THE *Community's College*



**SCOTT COMMUNITY
COLLEGE**

Program Director

Jan Jacobs

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www.eicc.edu

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Our Web Links:

www.eicc.edu/apply

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www.eicc.edu/programs

www.eicc.edu/daretocompare

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In addition to the general admission requirements of the college, applicants to this program must meet specific program admission criteria. The application process and admission requirements for the Radiologic Technology program can be found at www.eicc.edu/radiology.

Radiologic Technology, AAS Degree

PREREQUISITE COURSES

		Credits
BIO:168	Human Anatomy and Physiology I	4.00
BIO:173	Human Anatomy and Physiology II	4.00
HSC:113	Medical Terminology	2.00
SPC:112	Public Speaking OR	3.00
ENG:105	Composition I	
MAT:110	Math for Liberal Arts OR	3.00
HSC:137	Math for Healthcare OR	
MAT:156	Statistics	
PSY:111	Introduction to Psychology OR	3.00
SOC:110	Introduction to Sociology	

19.00

TERM 1 – SUMMER

RAD:101	Radiographic Patient Care	3.00
RAD:120	Radiographic Procedures I	3.00
		<u>6.00</u>

TERM 2

RAD:143	Radiographic Procedures II	5.00
RAD:210	Clinical Education I	4.00
RAD:322	Imaging I	4.00
		<u>13.00</u>

TERM 3

RAD:162	Radiographic Procedures III	3.00
RAD:240	Clinical Education II	5.00
RAD:300	Radiographic Exposure	4.00
		<u>12.00</u>

TERM 4 – SUMMER

RAD:183	Special Procedures	3.00
RAD:260	Clinical Education III	3.00
RAD:760	Film Evaluation I	2.00
		<u>8.00</u>

TERM 5

RAD:420	Radiographic Physics	4.00
RAD:505	Clinical Education IV	5.00
RAD:850	Radiation Protection and Biology	3.00
		<u>12.00</u>

TERM 6

RAD:555	Clinical Education V	4.00
RAD:738	Radiographic Pathology	2.00
RAD:790	Film Evaluation II	2.00
RAD:948	Seminar	4.00
		<u>12.00</u>

Radiologic Technology, AAS Total82.00

Clinton Community College

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Admissions Officer

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Muscatine Community College

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Admissions Officer

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Scott Community College

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Admissions Officer

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If you have questions or complaints related to compliance with this policy, please contact Debora J. Sullivan, Equal Employment Opportunity Officer / Equity Coordinator, Eastern Iowa Community College District, 101 West Third Street, Davenport, Iowa 52801, 563-336-3487, djsullivan@eicc.edu or the Director of the Office for Civil Rights, U.S. Department of Education, Citigroup Center, 500 West Madison Street, Suite 1475, Chicago, Illinois 60661-7204, phone number 312-730-1560, fax 312-730-1576, OCR. Chicago@ed.gov.