

Radiologic Technology

Guided Pathway to Success - Year 1

The Radiologic Technology program is offered at the ECC Rolla campus. Students will learn to use state of the art equipment and ionizing radiation to produce diagnostic images to aid in the diagnosis and treatment of illness and disease. Graduates of the Radiologic Technology program will receive an Associate of Applied Science degree and sit for the American Registry of Radiologic Technologists, a national certification examination. Radiologic technologists find opportunities in several areas: general medical and surgical hospital, physicians' offices, outpatient care centers, and medical and diagnostic laboratories.

Extra-Curricular/Cocurricular Opportunities at ECC: Missouri Society of Radiologic Technologists

Prerequisites/General Education: A selective admission process is utilized. Students must have a "C" or better in prerequisite coursework, a minimum GPA of 2.5, score above the 50th percentile on the TEAS exam, and complete 8 hours of job shadowing. Students must successfully complete all components of each course, each semester to successfully move onto the next semester/course.

COURSE #	COURSE TITLE	CREDIT HOUR	TERM OFFERED
COL 100	Campus Orientation	0	
COL 101	Falcon Seminar: Health Science	1	
Varies	CORE 42 Written Communications Requirement	3	
BIO 151	Intro to Human Anatomy & Physiology Lec/Lab	4	
Varies	CORE 42 Mathematics Requirement	3-5	
Total Credit Hours: 11-13			

COURSE #	COURSE TITLE	CREDIT HOUR	TERM OFFERED
SOC 101	General Sociology	3	
CIS 110	Technical & Digital Literacy	3	
Varies	CORE 42 Civics Requirement	3	
PSC CIVICS	Civics Achievement Exam	0	
Total Credit Hours: 9			

Guided Pathway to Success - Year 2

COURSE #	COURSE TITLE	CREDIT HOUR	TERM OFFERED
RAD 101	Fundamentals of Radiologic Science & Health Care*	3	Fall
RAD 102	Radiation Protection, Prod & Characteristics	1	Fall
RAD 103	Digital Image Acquisition & Display I	1	Fall
RAD 104	Patient Care in Radiologic Science*	4	Fall
RAD 105	Radiographic Procedures I	5	Fall
RAD 106	Radiographic Physics I	3	Fall
RAD 151	Clinicals I	1	Fall
Total Credit Hours: 18			

Updated 3/2025

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COURSE #	COURSE TITLE	CREDIT HOUR	TERM OFFERED
RAD 152	Radiographic Procedures II	3	Spring
RAD 153	Radiographic Physics II	3	Spring
RAD 154	Digital Image Acquisition & Display II*	3	Spring
RAD 155	Clinicals II	2	Spring
Total Credit Hours: 11			

COURSE #	COURSE TITLE	CREDIT HOUR	TERM OFFERED
RAD 156	Pharmacology & Drug Administration	1	Summer
RAD 157	Clinicals III	3	Summer
Total Credit Hours: 4			

Guided Pathway to Success - Year 3

COURSE #	COURSE TITLE	CREDIT HOUR	TERM OFFERED
RAD 201	Digital Image Acquisition & Display III*	2	Fall
RAD 202	Advanced Radiographic Procedures I	3	Fall
RAD 203	Radiation Biology	2	Fall
RAD 204	Clinicals IV*	3	Fall
Total Credit Hours: 10			

COURSE #	COURSE TITLE	CREDIT HOUR	TERM OFFERED
RAD 251	Imaging Equipment	2	Spring
RAD 252	Advanced Radiographic Procedures II	2	Spring
RAD 253	Clinicals V	3	Spring
RAD 290	Curriculum Review V*	0	Spring
Total Credit Hours: 7			

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