

MEDICAL RADIOGRAPHY

Medical Radiography is a two-year or three-year program that integrates scientific concepts into working skills through classroom study and intensive clinical experience.

www.emcc.edu/medicalradiography

The **Medical Radiography** program concentrates on diagnostic radiology, including angiography and computerized tomography.

- Medical radiographers are health professionals who combine technical knowledge with radiographic and anatomical knowledge to obtain diagnostic images of all parts of the human body.
- Successful radiographers must have a good working knowledge of human anatomy, radiographic positioning, radiologic physics, equipment operation, and quality assurance.

EMCC students enjoy small class sizes, supportive faculty, transferable courses and leadership/engagement opportunities all for under \$4,000/year.

(Most programs, based on 30 credit hours, in-state rate of \$96 per credit hour)





Free Application!

Scan this code to apply today.



 **Eastern Maine
Community College**

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MEDICAL RADIOGRAPHY

Associate in Science Degree

Prerequisites

AS Degree: High school level Algebra I, Algebra II, Geometry, Biology with Lab, and either Physics (preferred) or Chemistry with a lab required.

1ST SEMESTER (CREDITS)

RADG 111 Radiographic Positioning I (3)
RADG 117 Radiologic Procedures I (1)
RADG 121 Principles of Radiographic Exposure I (2)
RADG 131 Medical Terminology (1)
RADG 151 Introduction to Health Care (2)
RADG 161 Clinical Education I (5)
RADG 102 Introduction to Radiography (optional) (1)
BIOL 215 Anatomy and Physiology I (4)
MATH 140 College Algebra (may substitute MATH 123) (3)

2ND SEMESTER (CREDITS)

RADG 112 Radiographic Positioning II (3)
RADG 118 Radiologic Procedures II (1)
RADG 119 Imaging Modalities (1)
RADG 122 Principles of Radiographic Exposure II (2)
RADG 162 Clinical Education II (5)
BIOL 230 Anatomy and Physiology II (4)
ENGL 101 College Composition (3)
Restricted Elective Any Philosophy or Psychology (3)

3RD SEMESTER (CREDITS)

7-Week Clinical
RADG 163 Clinical Education III (5)

4TH SEMESTER (CREDITS)

RADG 211 Radiographic Positioning III (1)
RADG 251 Advanced Health Care (1)
RADG 255 Pathology (1)
RADG 267 Clinical Education IV (7)
BIOL 272 Radiation Biology (2)
COMM 107 Oral Communications (3)
PHYS 110 Survey of Applied Physics (only if no high school Physics) (4)

5TH SEMESTER (CREDITS)

RADG 212 Radiographic Positioning IV (1)
RADG 222 Principles of Imaging Physics (1)
RADG 230 Radiography Review & Career Planning (optional) (1)
RADG 270 Clinical Education V (7)
RADG 235 Radiologic Physics (3)
Restricted Elective Any Sociology or Psychology (3)

TOTAL AS DEGREE CREDITS 78-84

The 3-year program provides the same educational experiences and requirements as the 2-year Medical Radiography program.

The 3-year program demands a lower credit requirement each semester, which may better suit some students' needs.

We have TWO residence halls on campus!



Kineo Hall houses students in "blocks" (two double-occupancy rooms with four people of the same gender) or triple-occupancy rooms. Each is individually climate controlled and shares a common bathroom, with double sinks, a shower and a toilet stall.

Acadia Hall houses students in corridor-style double or triple occupancy rooms.

A meal plan is mandatory for anyone living in residential housing on campus.

Studies show that students who live on campus not only tend to have higher GPA's, but they are also more likely to complete their education and get more out of their college experience.



Visit www.emcc.edu/housing to learn more.
Apply early, space is limited!

Still in high school? Concurrent enrollment agreements with many high schools and technical education centers are available. Information can be found online at:

www.emcc.edu/academics/programs/early-college



Did you graduate from high school in 2022, 2023, or 2024 or will be graduating in 2025?

Then you may qualify for the Maine Free College Scholarship at EMCC!

Did you know EMCC has its own foundation?

Each year, our Foundation gives out over \$100,000 in scholarships to EMCC students. Visit emcc.edu/foundation to learn more and apply.

CAMPUS TOURS AVAILABLE

Call 207.974.4780 or scan this QR code to schedule an appointment!



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