

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.

emcc.edu/radiography

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**

Follow Us On Social Media:   @EMCCBangor

354 Hogan Rd, Bangor, ME 04401 | 207-974-4680 | emcc.edu | #WeAreEMCC

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)

BIO-127 **Anatomy and Physiology I** (4)
MAT-116 **College Algebra** (may substitute MAT-123 (3))
MRT-111 **Radiographic Positioning I** (3)
MRT-117 **Radiologic Procedures I** (1)
MRT-121 **Principles of Radiographic Exposure I** (2)
MRT-131 **Medical Terminology** (1)
MRT-151 **Introduction to Health Care** (2)
MRT-161 **Clinical Education I** (5)

2ND SEMESTER (CREDITS)

BIO-128 **Anatomy and Physiology II** (4)
ENG-101 **College Composition** (3)
MRT-112 **Radiographic Positioning II** (3)
MRT-118 **Radiologic Procedures II** (1)
MRT-119 **Imaging Modalities** (1)
MRT-122 **Principles of Radiographic Exposure II** (2)
MRT-162 **Clinical Education II** (5)
Restricted Elective Any PHI or PSY (100 level or higher) (3)

FIRST SUMMER

7-Week Clinical
MRT-163 **Clinical Education III** (5)

3RD SEMESTER (CREDITS)

BIO-272 **Radiation Biology** (2)
MRT-211 **Radiographic Positioning III** (1)
MRT-251 **Advanced Health Care** (1)
MRT-255 **Pathology** (1)
MRT-267 **Clinical Education IV** (7)
SPE-101 **Oral Communications** (3)

4TH SEMESTER (CREDITS)

MRT-212 **Radiographic Positioning IV** (1)
MRT-222 **Principles of Imaging Physics** (1)
MRT-230 **Radiography Review & Career Planning** (optional) (1)
MRT-270 **Clinical Education V** (7)
PHY-235 **Radiologic Physics** (3)
Restricted Elective Any SOC or PSY (100 level or higher) (3)

TOTAL AS DEGREE CREDITS 78

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 be more suited to some students.

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 2020, 2021, 2022, or 2023 or will be graduating in 2024 or 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!



 Eastern Maine
Community College