

**RADIOLOGIC (X-RAY) TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE AAS: 520**

Total Credits: 66

Catalog Edition: 2018-2019

Program Description

This curriculum requires a minimum of two years of didactic and clinical experience. It offers a basic general education as well as an in-depth study of radiologic technology (including assessment of critical thinking skills) which is supported by extensive clinical experience. The program is accredited by the Joint Review Committee on Education in Radiologic Technology, and course objectives are mandated by the American Society of Radiologic Technologists (ARRT). Upon successful completion of the program, the graduate will receive the AAS and will be eligible to apply to take the certification examination given by the American Registry of Radiologic Technologists. Radiographers are eligible for employment in the radiology departments of hospitals, clinics, and doctors' offices. The curriculum has been designed to provide a transfer option for students who elect to continue studies beyond the AAS.

Each of the radiologic technology courses builds upon material offered in the previous course. A grade of C or better in each radiologic technology course must be achieved before advancing to the next semester or summer session.

This is a selective program with specific admissions requirements. For additional information, contact the Admissions Office at the Takoma Park Campus, 240-567-1501, or the program department.

Program Outcomes

Upon completion of this program a student will be able to:

- Graduate as competent entry level radiographers.
- Demonstrate critical thinking skills through their performance in their competency in radiographic and patient care skills.
- Demonstrate professionalism.
- Demonstrate clinical competence.
- Demonstrate effective communication skills.
- Illustrate a strong commitment to excellent customer service.

Program Advisors

- **Prof. Rose Aehle**
240-567-5564
Rose.Aehle@montgomerycollege.edu
- **Prof. Kathy Lewandowski**
240-567-5565
Kathy.Lewandowski@montgomerycollege.edu
- **Prof. Patty Gorski**
240-567-5566
Patricia.Gorski@montgomerycollege.edu

For more information, please visit:

<http://www.montgomerycollege.edu/rt>

2018-2019 Program Advising Guide

An Academic Reference Tool for Students

520

**RADIOLOGIC (X-RAY) TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE AAS: 520**

**RADIOLOGIC (X-RAY) TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE AAS: 520**

Suggested Course Sequence

For more information on course selection, please visit

https://catalog.montgomerycollege.edu/preview_program.php?catoid=9&poid=2293&returnto=1840

Required General Education Courses		
Foundation Courses		
Designator	Course Number and Title	Credits
ENGF	ENGL 102, Critical Reading, Writing and Research	3
MATF	Math Foundation MATH 117 or higher	3
Designator	Course Number and Title	Credits
ARTD/HUMD	COMM 108 Introduction to Human Communication	3
PSYC 102 (BSSD)	PSYC 102 – General Psychology	3
NSLD	BIOL 150 Principles of Biology 1	4
General Education Electives (GEEL)		
(GEEL)	BIOL 212 Human Anatomy and Biology I	4
Program Requirements		
Designator	Title	Credits
ENGL 101	Introduction to College Writing*	3
BIOL 213	Human Anatomy and Physiology II	4
HINM 115	Medical Terminology I	2
Total Gen Ed/Additional Program requirements: 29 credits		

**RADIOLOGIC (X-RAY) TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE AAS: 520**

Suggested Course Sequence (continued)

Rad. Tech courses Semester-Based Outline		
Summer session 1		
Designator	Title	Credits
RADT 119/119L	Clinical Radiology I	3
Total credits		3
Fall Semester 1		
Designator	Title	Credits
RADT 101/101L	Radiologic Technology I	4
RADT 111/111L	Radiographic Procedures + lab	3
RADT 120	Clinical Radiology II	2
Total credits		9
Spring Semester 2		
Designator	Title	Credits
RADT 102/102L	Radiologic Technology II	4
RADT 112/112L	Radiographic Procedures + lab II	2
RADT 124	Clinical Radiology III	2
Total credits		8
Summer Session 2		
Designator	Title	Credits
RADT 125	Clinical Radiology IV	3
Total credits		3

Rad. Tech courses Semester-Based Outline		
Fall Semester 3		
Designator	Title	Credits
RADT 211/211L	Radiographic Procedures III	2
RADT 206	Radiologic Technology III	2
RADT 224	Clinical Radiology V	3
Total credits		7
Spring Semester 4		
Designator	Title	Credits
RADT 207	Radiologic Technology IV	2
RADT 240	Radiologic Technology V	2
RADT 225	Clinical Radiology VI	3
Total credits		7
Total Rad Tech course Credits: 37		
TOTAL PROGRAM CREDITS 29 (gen ed/program requirements) + 37 (core curriculum) = 66		

RADIOLOGIC (X-RAY) TECHNOLOGY A.A.S. (TP/SS): 520

Total Credits: 66
Catalog Editions 17-18 through 18-19

Name:

Date:

ID #:

GENERAL EDUCATION: FOUNDATION COURSES			
	Course	Hours	Grade
English Foundation (EN 102/ENGL 102 or EN 109/ENGL 103)		3	
Math Foundation (MATH 110, 115, 117, 120, 130, 150, 165, 170, or 181) CONSULT COUNSELING FACULTY/FACULTY ADVISOR ABOUT CHOICE			
GENERAL EDUCATION: DISTRIBUTION COURSES			
	Course	Hours	Grade
Arts or Humanities Distribution (ARTD or HUMD)	SP 108/ COMM 108		
Behavioral & Social Sciences Distribution (BSSD) †	PY 102/ PSYC 102	3	
Natural Sciences Distribution with Lab (NSLD)	BI 107/ BIOL 150	4	
General Education Elective (GEEL)	BI 204/ BIOL 212	4	
PROGRAM REQUIREMENTS			
	Course	Hours	Grade
ENGL 101 or ENGL 101A (if needed for ENGL102/103 or Elective)*		3	
	BI 205/ BIOL 213	4	
	HI 125/ HINM 115	2	
RADIOLOGIC TECHNOLOGY PROGRAM COURSES			
	Course	Hours	Grade
	RT 101/ RADT 101	4	
(TP ONLY)	RT 102/ RADT 102	4	
	RT 111/ RADT 111	3	
	RT 112/ RADT 112	2	
	RT 119/ RADT 119	3	
	RT 120/ RADT 120	2	
	RT 124/ RADT 124	2	
	RT 125/ RADT 125	3	
	RT 206/ RADT 206	2	
	RT 207/ RADT 207	2	
	RT 211/ RADT 211	2	
	RT 224/ RADT 224	3	
	RT 225/ RADT 225	3	
	RT 240/ RADT 240	2	

Note: A grade of C or better in each radiologic technology course must be achieved before advancing to the next semester or summer session.

Total Credits:

* ENGL 101 if needed for ENGL102/103 or see advisor.

[Radiologic \(X-Ray\) Technology Website](#)

TEAS testing is required of all Radiologic Technology Applicants. [TEAS Study Materials](#)

Last Modified: July 2018

Advising Worksheet Contact: [Anthony Solano](#)

See an [advisor](#) to submit an [Application for Graduation](#) the semester BEFORE you intend to graduate.

This UNOFFICIAL document is for planning purposes ONLY and completion does not guarantee graduation.

Transfer Opportunities

Montgomery College has partnerships with multiple four-year institutions and the tools to help you transfer. To learn more please visit: <http://cms.montgomerycollege.edu/Transfer/> or <http://artsys.usmd.edu/>

Get Involved at MC!

Employers and Transfer Institutions are looking for experience outside the classroom.

MC Student Clubs and Organizations

<https://cms.montgomerycollege.edu/edu/plain.aspx?id=2439>

Related Careers

Advanced training in the following modalities: CT, MRI, Mammography, Interventional Imaging, DEXA, Quality Control, Nuclear Medicine, PET/SPECT/ Radiation Therapy, Sales, Education, Health Care Administration

Career Services

<http://www.montgomerycollege.edu/career>

Career Coach

A valuable online search tool that will give you the opportunity to explore hundreds of potential careers or job possibilities in Maryland and the Washington D.C. metropolitan area.

Get started today on your road to a new future and give it a try. Visit the website listed below:

<https://montgomerycollege.emsicareercoach.com>

Notes: