

# Radiologic Technology (Collins), AAS

Academic Year 2024-2025

## Program Description:

The Radiologic Technology Program is a cooperative effort between Mountwest and Collins Career Technical Center (CCTC). The student should complete or be enrolled in all pre-radiologic admission course before applying to the program. Admission requirements to Collins Career Center Radiologic Technology program may vary year to year. The CCTC Radiologic Technology program provides the students with a total of 1,000 classroom hours and 1,420 hours of clinical experience.

## Career Outlook and Salary Forecast:

For the most current information please refer to the Bureau of Labor Statistics “Occupational Outlook Handbook” found at [www.bls.gov/ooh/](http://www.bls.gov/ooh/).

## Program Outcomes:

- The student will be clinically competent
- The student will communicate effectively
- The student will exercise critical thinking and problem-solving skills
- The student will understand the importance of professionalism within the field of radiologic technology
- The student will be sufficiently prepared to successfully pass the ARRT professional certification exam.

## Admission Requirements: (Applications to Radiologic Program must be submitted on or before October 1) (Admission to Mountwest Community & Technical College must be complete before applying to the program.)

Prior to acceptance into the Radiologic Technology Program, a student must have completed the following:

1. Prerequisite college courses. Courses may be completed at any post-secondary institution. For courses to qualify for the Associates of Applied Science degree in Radiologic Technology through Mountwest, they must be accepted and successfully transferred to Mountwest. This transfer process is the sole responsibility of the student. A minimum of 15 hours must be taken directly on Mountwest campus to be granted the Associate’s degree.

The following courses must be passed with a “C” or better.

AH 151	Medical Terminology	COM 125	Interpersonal Communication
AH 204	Legal & Ethical Issues in Healthcare	ENL 101	Written Communication
BIOL 257	Introduction to Anatomy & Physiology	MAT 130	College Algebra
BIOL 260	Human Anatomy	SCI 110	College Physics

2. Minimum ACT score of 21

3. Successful completion of the pre-entrance (Work Keys) examination with a score of four in Locating Information, and five in both Applied Mathematics and Reading for Information.

High School and Post-Secondary GPA are also weighted factors in the application process. Points will be awarded for the following:

- High School GPA of 3.0 or better
- College GPA of 2.5 or better
- Completion of College Chemistry and/or Psychology with a grade of “C” or better will be awarded additional points.

## Contact Information:

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*Mountwest empowers students to learn and lead in the community and in the workforce .*

**Radiologic Technology<sup>1,2</sup>—Major Code CR 10**

**Name:** \_\_\_\_\_ **ID Number 942-** \_\_\_\_\_

**Educational Counselor:** \_\_\_\_\_

**Faculty Advisor:** \_\_\_\_\_

COURSE	REQUIREMENTS	SEM	HRS	GR	SUBSTITUTE/REPEAT CRS	SEM	CR
AH 151	Medical Terminology <sup>3</sup> (EDGE)		3				
BIOL 257	Intro to Anatomy and Physiology <sup>3</sup>		3				
ENL 101	Written Communication <sup>7</sup>		3				
MAT 130	College Algebra <sup>3,4</sup>		3				
			12				
AH 204	Legal & Ethical Issues in Healthcare <sup>3</sup>		3				
BIOL 260	Human Anatomy <sup>3,5</sup>		4				
COM 125	Interpersonal Communication <sup>3</sup>		3				
SCI 110	Introduction to Physics <sup>3,6</sup>		4				
			14				
RAD 201	Introduction to Radiology		3				
RAD 202	Clinical Practice I		3				
RAD 202-S	Clinical Practice I Summer		3				
RAD 203	Ethics and Law		2				
RAD 204	Radiographic Procedures I		3				
RAD 204L	Radiographic Procedures I Lab		2				
RAD 205	Clinical Practice II		5				
RAD 206	Radiation Protection/Radiobiology		3				
RAD 207	Physics & Imaging I		2				
RAD 208	Radiographic Procedures II		3				
RAD 208L	Radiographic Procedures II Lab		2				
RAD 209	Radiologic Pharmacology		2				
RAD 210	Clinical Practice III		3				
RAD 210-S	Clinical Practice III Summer		3				
RAD 212	Physics & Imaging II		3				
RAD 213	Radiographic Pathology		3				
RAD 214	Radiographic Image Analysis		3				
RAD 215	Clinical Practice IV		5				
RAD 217	Quality Assurance		2				
RAD 218	Advanced Imaging Procedures		3				
RAD 219	Registry Review		6				
RAD 222	Radiographic Procedures III		3				
			67				
<b>Hours Required for Graduation:</b>			<b>93</b>				

<sup>1</sup> Pre-Radiological Admission Courses are taken at Mountwest Community & Technical College.

<sup>2</sup> Admission to the Radiologic Technology program is required before beginning the second and third year RAD courses.

<sup>3</sup> AH 151, AH 204, BIOL 257, BIOL 260, COM 125, ENL 101, MAT 130, and SCI 110 must be completed with a "C" or better.

<sup>4</sup> MAT 130 has a prerequisite of placement in 100-level mathematics or an ACT score of 21 or permission.

<sup>5</sup> BIOL 260 has a prerequisite of BIOL 257.

<sup>6</sup> SCI 110 has a prerequisite of MAT 130, MAT 144, or MAT 120.

<sup>7</sup> ENL 101 has a prerequisite of placement in 100 level English or a corequisite of ENL 095. ENL 101 must be completed with a "C" or better to graduate.