

# Radiologic Technology Program

## Associate of Applied Science Degree

AY 2009-10

Radiologic Technologists use x-ray equipment to produce images of the tissue, organs, bones and vessels of the body. Radiology Technologists are medical professionals who perform diagnostic imaging examinations and administer radiation therapy treatments. A career in radiology technology can lead in many directions. There are many specialty areas with specific imaging techniques for radiology technologists to advance into. Demand is strong across the country. Work settings vary from large hospitals, to suburban outpatient clinics, to rural physician offices.

The Radiologic Technology program includes anatomy, biology, radiation safety and physics. Students learn to use computers and electronic equipment. It is one of the fastest growing professions in the country.

Radiologic Technologists are vital members of the patient care team. Students completing the 2-year AAS degree must sit for a national certification test before they may enter the workforce.

Admissions to Montana Tech does not guarantee acceptance into the Radiologic Technology (RT) Program. Students entering with the intent to become a Radiologic Technologist are accepted into the program through a formal selection process.

Students planning to study radiology technology need a strong educational health core and must be competent in computer skills. The plan of study includes 16 credits for the first fall semester. These credits are the basis for selecting students into the program. The minimum selective GPA for consideration into the RT program is 2.75. Other selection criteria include computer proficiency demonstrated by completion of I.T. 1416 Micro-computer Software (or similar course) or demonstrate a successful challenge of I.T. 1416. Students can also submit a letter from previous and/or current employers verifying that computer proficiency has been demonstrated. The letter needs to be written from the employer on their official letterhead paper.

A limited number of students are admitted spring semester of each year. If the number of qualified applicants exceeds the available space, not all qualified applicants will be accepted.

Since the competitive selection is based mainly on GPA, students with higher GPA's are most likely to be accepted. Please refer to the Point System Worksheet that will be used for the selection process.

### **Fall Entry – Prerequisites**

#### **1st Semester**

BIOL	2016	Anatomy & Physiology I	4
HLTH	0201	Intro Physical & Biological Science	3
COMM	1046	English Composition	3
MATH	0102	Intermediate Algebra	3
PSYC	1000	General Psychology	3
		Total	16

### **Spring Entry Radiology Program**

#### **2nd Semester**

BIOL	2026	Anatomy & Physiology II	4
RAD	0110	Introduction to Imaging	3
RAD	0111	Radiographic Procedures I	3
RAD	0121	Radiographic Imaging Physics	4
RAD	0151	Radiographic Clinical Ed. I	4
		Total	18

### **Summer Semester (3<sup>rd</sup>)**

RAD	0161	Radiographic Clinical Ed. II	10
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### **4<sup>th</sup> Semester**

RAD	0141	Radiation Protection	2
RAD	0122	Radiographic Imaging II	3
RAD	0211	Radiographic Procedures II	3
RAD	0251	Radiographic Clinical Ed. III	8
		Total	16

### **5<sup>th</sup> Semester**

HLTH	0104	Medical Ethics	2
RAD	0219	Radiographic Imaging III	2
RAD	0245	Radiographic Analysis	2
RAD	0261	Radiographic Clinical Ed. IV	6
		Total	12

Minimum credits for an A.A.S. degree in Radiologic Technology = 72



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