

# Radiography, AAS

Award Granted: Associate in Applied Science

Credits/Contacts Required: **61/63**

Major Code: 376

CIP Code: 510911

## Description

The Radiography Program is offered through a partnership between Bay College and the Michigan Workforce Training and Education Collaborative (MWTEC). Educational Programs in Collaboration (EPIC) consortium for the purpose of sharing instructional resources to offer healthcare program. Each college enrolls students in the program under the college's admission criteria and each awards the degree according to that college's requirements.

The curriculum is formulated on the principle that the student radiographer's education should blend knowledge and skills derived from a program of studies including the humanities, natural sciences, mathematics, social sciences, computer sciences, health principles, and communication skills with radiography principles in developing the skills needed to enter the field as a beginning practitioner. As a member of the patient-oriented team of health occupation specialists, the radiographer utilizes basic knowledge and skills to contribute to patient care in the provision of diagnostic services as indicated by patient needs.

All EPIC Consortium Radiography program partners are accredited by the Higher Learning Commission. Upon completion of the program, the students will complete the ARRT Radiography Certification exam ([www.arrt.org](http://www.arrt.org)).

### Requirements for Radiography Program

Prior to entrance into the program, the Bay College Department of Allied Health requires students to successfully pass the following: criminal background check, a drug test, American Heart Association BLS for the Healthcare Provider, and the Certificate of Physical Fitness Form completed by your physician. Along with the Certification of Fitness, students must also have proof they are immunized for specific contagious diseases. Facilities may have additional requirements, which a student will also need to meet and is communicated to students by the department. The Department of Allied Health has the student orders a background check, drug screening, and immunization tracker. This package & liability insurance is billed in your first semester tuition. The program requires specific technology requirements that may require the purchase of a specific computer that will run the required simulation software.

### General Education Requirements (Min 24 Credits)

- BIOL 213 - Anatomy & Physiology I **Credits: 4**
- BIOL 214 - Anatomy & Physiology II **Credits: 4**
- COMM 103 - Interpersonal Communication **Credits: 3**
- ENGL 101 - Rhetoric & Composition **Credits: 3**
- HLTH 118 - Medical Terminology I **Credits: 3**
- MATH 110 - College Algebra **Credits: 4**
- SOCY 151 - Sociology **Credits: 3**

### Program Requirements (Min 37 Credits)

- RAD 100 - Introduction to Rad Tech **Credits: 3**
- RAD 110 - Radiation Physics **Credits: 2**
- RAD 113 - Radiation Biology **Credit: 1**
- RAD 115 - Principles of Rad. Exposure **Credits: 3**
- RAD 130 - Radiographic Positioning I **Credits: 4**
- RAD 175 - Radiographic Positioning II **Credits: 3**
- RAD 180 - Clinical Education I **Credits: 3**
- RAD 201 - Clinical Issues in Radiography I **Credits: 3**
- RAD 205 - Clinical Education II **Credits: 3**
- RAD 211 - Sectional Anatomy **Credits: 3**
- RAD 213 - Radiation Protection **Credit: 1**
- RAD 217 - Advancements in Imaging **Credits: 2**
- RAD 221 - Clinical Issues in Radiography II **Credits: 3**
- RAD 250 - Clinical Education III **Credits: 3**

## **Suggested Sequence Per Semester**

### **First Semester**

- BIOL 213 - Anatomy & Physiology I **Credits: 4**
- HLTH 118 - Medical Terminology I **Credits: 3**

First Semester Total - Credit(s): 7 | Contacts: 8

### **Second Semester**

- BIOL 214 - Anatomy & Physiology II **Credits: 4**
- ENGL 101 - Rhetoric & Composition **Credits: 3**
- RAD 100 - Introduction to Rad Tech **Credits: 3**
- RAD 110 - Radiation Physics **Credits: 2**
- RAD 113 - Radiation Biology **Credit: 1**

Second Semester Total - Credit(s): 13 | Contacts: 14

### **Third Semester**

- COMM 103 - Interpersonal Communication **Credits: 3**
- MATH 110 - College Algebra **Credits: 4**
- RAD 115 - Principles of Rad. Exposure **Credits: 3**
- RAD 130 - Radiographic Positioning I **Credits: 4**
- RAD 213 - Radiation Protection **Credit: 1**

Third Semester Total - Credit(s): 15 | Contacts: 15

### **Fourth Semester**

- RAD 175 - Radiographic Positioning II **Credits: 3**
- RAD 180 - Clinical Education I **Credits: 3**

Fourth Semester Total - Credit(s): 6 | Contacts: 6

### **Fifth Semester**

- RAD 201 - Clinical Issues in Radiography I **Credits: 3**
- RAD 205 - Clinical Education II **Credits: 3**
- RAD 217 - Advancements in Imaging **Credits: 2**
- SOCY 151 - Sociology **Credits: 3**

Fifth Semester Total - Credit(s): 11 | Contacts: 11

### **Sixth Semester**

- RAD 211 - Sectional Anatomy **Credits: 3**
- RAD 221 - Clinical Issues in Radiography II **Credits: 3**
- RAD 250 - Clinical Education III **Credits: 3**

Sixth Semester Total - Credit(s): 9 | Contacts: 9