

Associate in Applied Science in Radiography Technology

Program Overview

Upon completion of this degree, students will earn an A.A.S degree from Southwestern Michigan College and be eligible to sit for the ARRT Radiography Certification exam. A passing score will earn them the designation of R.T.

To Learn More About This Program

Contact the Nursing and Health Services Office at 269-782-1236 or nhs@swmich.edu.

Degree Requirements

To earn this degree, students must have an overall GPA of 2.0 or higher, complete a minimum of 60 credit hours, and fulfill the course requirements of the program listed below. Students are permitted to complete a higher-level math course than shown below. Each general education course, prerequisite course, internship, and capstone course must be completed with a final grade of C or better.

Course Offerings

This program is part of MWTEC (Michigan Workforce Training and Education Collaboration). Students pursuing an Associate in Applied Science in Radiography Technology may complete general education courses and EDUC 120 through SMC either on-campus or online, if offered. All RAD courses are completed online through MWTEC and a partner institution. All RAD courses are charged at a per credit hour rate established by MWTEC. This rate differs from the Southwestern Michigan College tuition rate.

Prerequisite Courses

COMMUNICATIONS

Course ID	Course	Credits
ENGL 103 or ENGL 103W	Freshman English II (or with workshop)	3 to 4 credits

MATHEMATICS

Course ID	Course	Credits
MATH 127	College Algebra	4 credits

NATURAL SCIENCE

Course ID	Course	Credits
BIOL 214	Basic Human Anatomy	4 credits
BIOL 215	Principles of Human Physiology	4 credits
CHEM 100	Fundamentals of Chemistry	4 credits

OTHER

Course ID	Course	Credits
HEED 101	Medical Terminology	3 credits

Major-Specific Required Courses

Course ID	Course	Credits
EDUC 120	Educational Exploration and Planning	1 credit
RAD 100	Intro to Rad Tech	3 credits
RAD 110	Radiation Physics	2 credits
RAD 113	Radiation Biology	1 credit
RAD 115	Principles of Radiation Exposure	3 credits
RAD 130	Radiographic Positioning I	4 credits
RAD 175	Radiographic Positioning II	3 credits
RAD 180	Clinical Education I	3 credits
RAD 201	Clinical Issues in Radiography I	3 credits
RAD 205	Clinical Education II	3 credits
RAD 211	Sectional Anatomy	3 credits
RAD 213	Radiation Protection	1 credit
RAD 217	Advancements in Imaging	2 credits
RAD 221	Clinical Issues in Radiography II	3 credits
RAD 250	Clinical Education III	3 credits

Total Program Credits: 60-61