

Southern West Virginia 2022-2023 Southern Academic Catalog Community Technical College

Radiologic Technology, A.A.S.

Purpose

The Radiologic Technology Program strives to meet the needs of the community by educating students for future employment as technologists in this vital health care field. Students planning to transfer to other institutions are advised to see the Radiologic Technology Coordinator to obtain course requirements and sequence. Additional courses may be required to fulfill prerequisites. The program must be completed in three years. The mission of the Radiologic Technology Program is to meet community and employer needs for medical imaging professionals with high quality, student-friendly and accessible educational opportunities and services. The program strives to instill professionalism and transferable behaviors into the work place.

The full Radiologic Technology Program is available on the Logan Campus. The Boone/Lincoln, Williamson, and Wyoming/McDowell campuses offer the general education/program support courses only.

Program Level Outcomes:

1. Prepare students to become safe and competent radiographers.
2. Provide educational opportunities for students to possess critical thinking skills.
3. Demonstrate responsible professional attitudes and behaviors.
4. Use effective communication.

First Semester

- [BS 124 - ^Human Anatomy and Physiology I](#) 4 Credit Hours
- [MT 121 - ~College Mathematics for General Education](#) 3 Credit Hours or higher
- [RA 100 - Introduction to Radiologic Technology](#) 3 Credit Hours
- [RA 101 - Imaging Procedures I and Image Analysis](#) 3 Credit Hours
- [RA 110 - Clinical Practice I](#) 1 Credit Hours *

Credit Hours: 14

Second Semester

- [BS 125 - ^Human Anatomy and Physiology II](#) 4 Credit Hours
- [EN 101 - ~English Composition I](#) 3 Credit Hours
- [RA 103 - Imaging Procedures II and Image Analysis](#) 3 Credit Hours
- [RA 106 - Radiologic Science I](#) 3 Credit Hours
- [RA 125 - Clinical Practice II](#) 2 Credit Hours *

Credit Hours: 15

Summer Semester

- [RA 150 - Clinical Practice III](#) **4 Credit Hours**

Credit Hours: 4

Third Semester

- [CT 260 - Introduction to Computed Tomography](#) **3 Credit Hours**
- [RA 200 - Clinical Practice IV](#) **3 Credit Hours** **
- [RA 202 - Pathology](#) **2 Credit Hours**
- [RA 203 - Imaging Procedures III and Modalities](#) **3 Credit Hours**
- [RA 208 - Radiologic Science II](#) **3 Credit Hours**

Credit Hours: 14

Fourth Semester

- [AH 200 - Health Care Ethics and Law](#) **1 Credit Hours** (E)
- [CS 103 - Introduction to Applications](#) **1 Credit Hours**
- [RA 201 - Radiation Biology and Advanced Radiation Protection](#) **2 Credit Hours**
- [RA 209 - Radiologic Science III](#) **3 Credit Hours**
- [RA 225 - Seminar in Radiologic Technology](#) **3 Credit Hours**
- [RA 250 - Clinical Practice V](#) **3 Credit Hours** **

Credit Hours: 13

Total Credit Hours: 60

~ Designates courses on the statewide Core Coursework Transfer Agreement.

^ Denotes course equivalency.

This degree program provides students the opportunity to receive credit for their high school EDGE courses (<http://careertech.k12.wv.us/edge/edgeCollege.html>) as designated by the (E) within the program sequence.

*Clinicals are on Tuesday and Thursday both day and evening hours, therefore, no additional courses may be taken on those days unless the course is an online course.

**Clinicals are on Monday, Wednesday, and Friday both day and evening hours, therefore, no additional courses may be taken on those days unless online.
