

## Instructional Programs

# Radiologic Technology

Associate in Applied

Science 60 Credit Hours

### 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.

### Goals:

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

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.

| First Semester    | Title   | Credit Hours |
|-------------------|---|--------------|
| BS 124            | ^Human Anatomy and Physiology I                     | 4            |
| MT 128 or higher  | Algebra for Allied Health                           | 3            |
| RA 100            | Introduction to Radiologic Technology               | 3            |
| RA 101            | Imaging Procedures I and Image Analysis             | 3            |
| *RA 110           | Clinical Practice I                                 | 1            |
|                   |   | <b>14</b>    |
| Second Semester   | Title   | Credit Hours |
| BS 125            | ^Human Anatomy and Physiology II                    | 4            |
| EN 101 or EN 101A | ~English Composition I                              | 3            |
| RA 103            | Imaging Procedures II and Image Analysis            | 3            |
| RA 106            | Radiologic Science I                                | 3            |
| *RA 125           | Clinical Practice II                                | 2            |
|                   |   | <b>15</b>    |
| Summer Semester   | Title   | Credit Hours |
| RA 150            | Clinical Practice III                               | 4            |
|                   |   | <b>4</b>     |
| Third Semester    | Title   | Credit Hours |
| CT 260            | Introduction to Computed Tomography                 | 3            |
| **RA 200          | Clinical Practice IV                                | 3            |
| RA 202            | Pathology   | 2            |
| RA 203            | Imaging Procedures III and Modalities               | 3            |
| RA 208            | Radiologic Science II                               | 3            |
|                   |   | <b>14</b>    |
| Fourth Semester   | Title   | Credit Hours |
| AH 200 (E)        | Health Care Ethics and Law                          | 1            |
| CS 103            | Introduction to Applications                        | 1            |
| RA 201            | Radiation Biology and Advanced Radiation Protection | 2            |
| RA 209            | Radiologic Science III                              | 3            |
| RA 225            | Seminar in Radiologic Technology                    | 3            |
| **RA 250          | Clinical Practice V                                 | 3            |
|                   |   | <b>13</b>    |

~ Designates courses on the statewide Core Coursework Transfer Agreement.

^ Denotes course equivalency.