

## RADIOGRAPHY ACADEMIC CURRICULUM MAP

An academic map is a suggested two-year schedule of courses based on degree requirements. This sample schedule serves as a general guideline to help build a full schedule each term. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years.

**This map is not a substitute for academic advisement**—contact your advisor if you have any questions about scheduling or about your degree requirements. Also see the current academic catalog for a complete list of requirements and electives. Note: Requirements are continually under revision, and there is no guarantee they will not be changed or revoked; contact an advisor, the department and/or program area for current information.

| Course  | Credit Hours |                               |
|---|--------------|-------------------------------|
| BIOL 130 Anatomy & Physiology   | 5            | General Education Requirement |
| ENGL 101 English Composition I or<br>ENGL 103 English Composition I with Review | 3            | General Education Requirement |
| ENGL 102 English Composition II or<br>COMM 101 Public Speaking                  | 3            | General Education Requirement |
| MATH 115 College Algebra or<br>MATH 114 College Algebra with Review             | 3            | General Education Requirement |
| PSYC 101 General Psychology or<br>PSYC 201 Developmental Psychology             | 3            | General Education Requirement |
| Total Hours   | 17           |                               |

\*Students must meet prerequisite requirements and be admitted to the program

| First Year: First Semester-Summer                       |              |       | First Year: Second Semester-Fall                     |              |       |
|---|--------------|-------|--|--------------|-------|
| Course  | Credit Hours | Notes | Course   | Credit Hours | Notes |
| RADI 101 Intro to Radiography, Ethics & Law             | 2            |       | RADI 104 Radiographic Procedures II                  | 3            |       |
| RADI 103 Radiographic Procedures I                      | 1            |       | RADI 113 Simulations in Radiography I                | 1            |       |
| RADI 107 Radiographic Imaging I                         | 1            |       | RADI 115 Patient Care in Radiography II              | 3            |       |
| RADI 109 Patient Care in Radiography I                  | 2            |       | RADI 117 Radiographic Imaging II                     | 3            |       |
|   |              |       | RADI 119 Clinical Training I                         | 3            |       |
| Total Hours   | 6            |       | Total Hours  | 13           |       |
| First Year: Third Semester-Spring                       |              |       | Second Year: Fourth Semester-Summer                  |              |       |
| Course  | Credit Hours | Notes | Course   | Credit Hours | Notes |
| RADI 105 Radiographic Procedures III                    | 3            |       | RADI 201 Imaging Modalities                          | 3            |       |
| RADI 120 Clinical Training II                           | 3            |       | RADI 203 Clinical Training III                       | 3            |       |
| RADI 125 Principles of Physics and Equipment Operation  | 3            |       |  |              |       |
| RADI 127 Introduction to CT and Cross Sectional Anatomy | 2            |       |  |              |       |
| RADI 214 Simulation in Radiography II                   | 1            |       |  |              |       |
| Total Hours   | 12           |       | Total Hours  | 6            |       |
| Second Year: Fifth Semester-Fall                        |              |       | Second Year: Sixth Semester-Spring                   |              |       |
| Course  | Credit Hours | Notes | Course   | Credit Hours | Notes |
| RADI 204 Clinical Training IV                           | 3            |       | RADI 205 Clinical Training V                         | 3            |       |
| RADI 207 Radiographic Imaging III                       | 3            |       | RADI 218 Radiation Protection II                     | 2            |       |
| RADI 211 CT Procedures                                  | 2            |       | RADI 219 Image Analysis                              | 2            |       |
| RADI 213 Radiographic Pathophysiology                   | 2            |       | RADI 221 Radiography Comprehensive Review            | 2            |       |
| RADI 217 Radiation Protection I                         | 2            |       | RADI 223 Critical Thinking & Analysis in Radiography | 3            |       |
| Total Hours   | 12           |       | Total Hours  | 12           |       |

General Electives can be found on page 53

Statewide General Education Requirements can be found on page 56

# RADIOGRAPHY

## ASSOCIATE IN APPLIED SCIENCE

Labette Community College offers a 23-month program in Radiography leading to an Associate Degree in Applied Science. The program prepares students for an entry-level career in radiography in which administering x-ray exams to individuals in the hospital, urgent care, physician office or other clinical settings.

**Credits Required:** 78

**General Advisor:** Lori Weaver  
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loriw@labette.edu

**Major Advisor:** Gale Brown  
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**Accreditation**  
The program is monitored through accreditation by Joint Review Committee on Education in Radiologic Technology (JRCERT). [www.jrcert.org](http://www.jrcert.org)

**Requirements**  
Students interested in the Radiography Program can be admitted to the College on the same basis as other students, but admission to the College does not ensure admission into the Radiography Program. Acceptance into the Radiography Program is based on the criteria established by the department.  
CPR for Healthcare Providers Certification is required prior to attending clinical training.  
Additional information can be found on the program's website: <http://www.labette.edu/radiography> or by contacting the Health Science Programs' Specialist.

**Recommended Course Sequence**  
All General Education courses that satisfy the Associate in Applied Science Degree in Radiography should be completed prior to review and selection.

**Student Organization**  
Students enrolled in the Radiography Program are members of the Radiography Club. Our radiography students work together for the purpose of evaluating the quality of patient care and promote the art and science of radiological technology. Our students are encouraged to actively participate in professional conferences and service-learning projects.

**After Graduation**  
After successful completion of the two-year curriculum the student is awarded an A.A.S. Degree in Radiography and they are recommended to take the National Radiographer Examination administered by the American Registry of Radiologic Technologists. Students are also encouraged to consider continuing their education in other specialty areas: Sonography, Computed Tomography, Mammography, Magnetic Resonance

Imaging, which these are only a small portion of specialty areas available. It is important to note that students can also obtain higher educational degrees for career advancement in administration, educating future radiologic technologists, or even a radiologist assistant.

| <u>Concentration Requirements</u> |          |   | <u>61</u> |
|-----------------------------------|----------|---|-----------|
| <input type="checkbox"/>          | RADI 101 | Intro. to Radiography, Ethics, and Law      | 2         |
| <input type="checkbox"/>          | RADI 103 | Radiographic Procedures I                   | 1         |
| <input type="checkbox"/>          | RADI 104 | Radiographic Procedures II                  | 3         |
| <input type="checkbox"/>          | RADI 105 | Radiographic Procedures III                 | 3         |
| <input type="checkbox"/>          | RADI 107 | Radiographic Imaging I                      | 1         |
| <input type="checkbox"/>          | RADI 109 | Patient Care in Radiography I               | 2         |
| <input type="checkbox"/>          | RADI 113 | Simulations in Radiography I                | 1         |
| <input type="checkbox"/>          | RADI 115 | Patient Care in Radiography II              | 3         |
| <input type="checkbox"/>          | RADI 117 | Radiographic Imaging II                     | 3         |
| <input type="checkbox"/>          | RADI 119 | Clinical Training I                         | 3         |
| <input type="checkbox"/>          | RADI 120 | Clinical Training II                        | 3         |
| <input type="checkbox"/>          | RADI 125 | Prin. of Physics & Equipment Operation      | 3         |
| <input type="checkbox"/>          | RADI 127 | Intro. to CT & Cross Sectional Anatomy      | 2         |
| <input type="checkbox"/>          | RADI 201 | Imaging Modalities                          | 3         |
| <input type="checkbox"/>          | RADI 203 | Clinical Training III                       | 3         |
| <input type="checkbox"/>          | RADI 204 | Clinical Training IV                        | 3         |
| <input type="checkbox"/>          | RADI 205 | Clinical Training V                         | 3         |
| <input type="checkbox"/>          | RADI 207 | Radiographic Imaging III                    | 3         |
| <input type="checkbox"/>          | RADI 211 | CT Procedures                               | 2         |
| <input type="checkbox"/>          | RADI 213 | Radiographic Pathophysiology                | 2         |
| <input type="checkbox"/>          | RADI 214 | Simulations in Radiography II               | 1         |
| <input type="checkbox"/>          | RADI 217 | Radiation Protection I                      | 2         |
| <input type="checkbox"/>          | RADI 218 | Radiation Protection II                     | 2         |
| <input type="checkbox"/>          | RADI 219 | Image Analysis                              | 2         |
| <input type="checkbox"/>          | RADI 221 | Radiography Comprehensive Review            | 2         |
| <input type="checkbox"/>          | RADI 223 | Critical Thinking & Analysis in Radiography | 3         |

All courses that satisfy the Associate in Applied Science Degree in Radiography should be completed prior to review and selection.

| <u>General Education Requirement</u>    |          |                                   | <u>17</u> |
|---|----------|-----------------------------------|-----------|
| <b>English/Communication</b>            |          |                                   |           |
| <input type="checkbox"/>                | ENGL 101 | English Composition I             | or        |
|   | ENGL 103 | English Composition I with Review | 3         |
| <input type="checkbox"/>                | ENGL 102 | English Composition II            | or        |
|   | COMM 101 | Public Speaking                   | 3         |
| <b>Math &amp; Statistics</b>            |          |                                   |           |
| <input type="checkbox"/>                | MATH 115 | College Algebra                   | or        |
|   | MATH 114 | College Algebra with Review       | 3         |
| <b>Natural &amp; Physical Science</b>   |          |                                   |           |
| <input type="checkbox"/>                | BIOL 130 | Anatomy & Physiology              | 5         |
| <b>Social &amp; Behavioral Sciences</b> |          |                                   |           |
| <input type="checkbox"/>                | PSYC 101 | General Psychology                | or        |
|   | PSYC 201 | Developmental Psychology          | 3         |

General Electives can be found on page 53  
Statewide General Education Requirements can be found on page 56