

Radiography
Associate in Applied Science

Admission Criteria

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.

To obtain more information about the criteria and to get a copy of the application procedure please contact the health science secretary by calling (620) 421-6700 extension 1157.

| General Education Requirements | | Credit Hours |
|--|--------------------------------------|---------------------|
| All General Education courses that satisfy the Associate in Applied Science Degree in Radiography should be completed prior to review and selection. | | |
| ENGL 101 | English Composition I..... | 3 |
| ENGL 102 | English Composition II or | |
| COMM 101 | Fundamentals of Speech | 3 |
| MATH 106 | Applied Mathematics or | |
| MATH 100 | Intermediate Algebra or Higher | 3 |
| BIOL 130 | Anatomy & Physiology..... | 5 |
| PSYC 101 | General Psychology or | |
| PSYC 201 | Developmental Psychology..... | 3 |
| COMP 110 | Computer Elective..... | 3 |
| Total..... | | 20 |

| Concentration Requirements | | Credit Hours |
|--------------------------------------|---|---------------------|
| Summer Semester - First Year: | | |
| RADI 101 | Introduction to Radiography, Ethics, and Law..... | 2 |
| RADI 104 | Radiographic Procedures I..... | 1 |
| RADI 107 | Radiographic Image Processing..... | 1 |
| RADI 109 | Patient Care in Radiography | 2 |
| Total..... | | 6 |
| Fall Semester - First Year: | | |
| RADI 111 | Medical Terminology for Radiography..... | 1 |
| RADI 104 | Radiographic Procedures II..... | 3 |
| RADI 113 | Simulations in Radiography I..... | 2 |
| RADI 115 | Pharmacology & Drug Administration | 2 |
| RADI 117 | Film/Screen Image Acquisition..... | 2 |
| RADI 119 | Clinical Training I..... | 3 |
| Total..... | | 13 |

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College Success Skills (Lear 101) is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Radiography (Continued)
Associate in Applied Science

Spring Semester - First Year:

| | | |
|-------------------|--|-----------|
| RADI 214 | Simulations in Radiography II | 2 |
| RADI 105 | Radiographic Procedures III..... | 3 |
| RADI 125 | Radiographic Equipment Operation..... | 2 |
| RADI 127 | Introduction to CT and Cross Sectional Anatomy | 3 |
| RADI 120 | Clinical Training II..... | 3 |
| Total..... | | 13 |

Summer Semester - Second Year:

| | | |
|-------------------|-----------------------------|----------|
| RADI 203 | Clinical Training III | 3 |
| RADI 201 | Imaging Modalities | 3 |
| Total..... | | 6 |

Fall Semester - Second Year:

| | | |
|-------------------|--|-----------|
| RADI 207 | Digital Image Acquisition & Quality Assurance..... | 3 |
| RADI 209 | Principles of Radiation Physics..... | 2 |
| RADI 211 | CT Procedures..... | 2 |
| RADI 213 | Radiographic Pathophysiology | 2 |
| RADI 204 | Clinical Training IV | 3 |
| Total..... | | 12 |

Spring Semester - Second Year:

| | | |
|----------------------------|--|-----------|
| RADI 217 | Radiation Protection..... | 3 |
| RADI 219 | Image Analysis..... | 2 |
| RADI 221 | Radiography Comprehensive Review | 2 |
| RADI 223 | Situation Judgment..... | 2 |
| RADI 205 | Clinical Training V | 3 |
| Total..... | | 12 |
| Program Total | | 82 |

College Success Skills (Lear 101) is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

Exit Assessment is required for graduation.

Radiography
Associate in Applied Science
Four Semester Plan

Semester –Prerequisite Courses

| Course # | Course Title |
|-----------------|--|
| BIOL 130 | Anatomy & Physiology (5) |
| MATH 106 | Applied Math (3) or |
| MATH 100 | Intermediate Algebra or higher (3) |
| ENGL 101 | English Comp I (3) |
| ENGL 102 | English Comp II (3) or |
| COMM 101 | Speech (3) |
| PSYC 101 | General Psychology (3) or |
| PSYC 201 | Developmental Psychology (3) |
| | Computer Elective (3) |
| | Semester Hours (20) Cumulative Hours (20) |

Semester 1-Summer

| Course # | Course Title |
|-----------------|---|
| RADI 101 | Intro to Radiography, Ethics & Law (2) |
| RADI 103 | Radiographic Procedures I (1) |
| RADI 107 | Radiographic Image Processing (1) |
| RADI 109 | Patient Care (2) |
| | Semester Hours (6) Cumulative Hours (26) |

Semester 2-Fall

| Course # | Course Title |
|-----------------|--|
| RADI 111 | Medical Terminology for Radiography (1) |
| RADI 104 | Radiographic Procedures II (3) |
| RADI 113 | Simulations in Radiography I (2) |
| RADI 115 | Pharmacology and Drug Administration (2) |
| RADI 117 | Film/Screen Image Acquisition (2) |
| RADI 119 | Clinical Training I (3) |
| | Semester Hours (13) Cumulative Hours (39) |

Semester 3-Spring

| Course # | Course Title |
|-----------------|--|
| RADI 105 | Radiographic Procedures III (3) |
| RADI 214 | Simulations in Radiograph II (2) |
| RADI 125 | Radiographic Equipment Operation (2) |
| RADI 127 | Introduction to CT and Cross Sectional Anatomy (3) |
| RADI 120 | Clinical Training II (3) |
| | Semester Hours (13) Cumulative Hours (52) |

Semester 4-Summer

| Course # | Course Title |
|-----------------|---|
| RADI 201 | Imaging Modalities (3) |
| RADI 203 | Clinical Training III (3) |
| | Semester Hours (6) Cumulative Hours (58) |

*** College Success Skills should be taken the first semester.**

**Radiography
Computed Tomography Certificate**

Concentration Requirements

| | | | |
|------|-----|--|-----------|
| RADI | 228 | Advance Computed Tomography | |
| | | Cross Sectional Anatomy | 3 |
| RADI | 227 | Advanced Computed Tomography Procedures..... | 3 |
| RADI | 225 | Computed Tomography Pathology | 3 |
| RADI | 226 | Computed Tomography Physics and Instrumentation..... | 3 |
| | | Total..... | 12 |

Must be a Radiologic Technologist or Resistry Eligible Technologist to enroll in these courses.