

**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 assistant by calling (620) 421-6700 extension 1157.

<b>Concentration Requirements</b>		<b>Credit Hours</b>
RADI 101	Introduction to Radiography, Ethics, and Law .....	2
RADI 103	Radiographic Procedures I.....	1
RADI 104	Radiographic Procedures II .....	3
RADI 105	Radiographic Procedures III .....	3
RADI 107	Radiographic Image Processing.....	1
RADI 109	Patient Care in Radiography .....	2
RADI 111	Medical Terminology for Radiography .....	1
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
RADI 120	Clinical Training II .....	3
RADI 125	Radiographic Equipment Operation .....	2
RADI 127	Introduction to CT and Cross Sectional Anatomy .....	3
RADI 201	Imaging Modalities .....	3
RADI 203	Clinical Training III.....	3
RADI 204	Clinical Training IV .....	3
RADI 205	Clinical Training V .....	3
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 214	Simulations in Radiography II.....	2
RADI 217	Radiation Protection .....	3
RADI 219	Image Analysis .....	2
RADI 221	Radiography Comprehensive Review.....	2
RADI 223	Situation Judgment .....	2
<b>Total .....</b>		<b>62</b>

<b>General Education Requirements</b>		<b>Credit Hours</b>
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 <i>or</i>	
COMM 101	Fundamentals of Speech.....	3
MATH 105	Applied Math <i>or</i>	
MATH 100	Intermediate Algebra <i>or higher</i> .....	3
LEAR 101	College Success Skills.....	1
BIOL 130	Anatomy & Physiology .....	5
PSYC 101	General Psychology <i>or</i>	
PSYC 201	Developmental Psychology .....	3
	Computer Elective .....	3
	<b>Total .....</b>	<b>21</b>
	<b>Program Total.....</b>	<b>83</b>

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



**Radiography**  
Associate in Applied Science  
Six Semester Plan

**Semester –Prerequisite Courses**

<b>Course #</b>	<b>Course Title</b>
LEAR* 101	College Success Skills (1)
ENGL 101	English Comp I (3)
ENGL 102	English Comp II (3) <i>or</i>
COMM 101	Speech (3)
BIOL 130	Anatomy & Physiology (5)
MATH 100	Intermediate Algebra <i>or</i>
MATH 105	Allied Math (3)
PSYC 101	General Psychology <i>or</i>
PSYC 201	Developmental Psychology (3)
	**Computer Elective (3)

**Semester Hours (21) Cumulative Hours (21)**

**Semester 1-Summer**

<b>Course #</b>	<b>Course Title</b>
RADI 101	Introduction 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 (27)**

**Semester 2-Fall**

<b>Course #</b>	<b>Course Title</b>
RADI 104	Radiographic Procedures II (3)
RADI 111	Medical Terminology for Radiography (1)
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 (40)**

**Semester 3-Spring**

<b>Course #</b>	<b>Course Title</b>
RADI 105	Radiographic Procedures III (3)
RADI 120	Clinical Training II (3)
RADI 125	Radiographic Equipment Operation (2)
RADI 127	Introduction to CT and Cross Sectional Anatomy (3)
RADI 214	Simulations in Radiograph II (2)

**Semester Hours (13) Cumulative Hours (53)**

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**Semester 4-Summer**

**Course # Course Title**

RADI 201 Imaging Modalities (3)

RADI 203 Clinical Training III (3)

**Semester Hours (6) Cumulative Hours (59)**

**Semester 5-Fall**

**Course # Course Title**

RADI 204 Clinical Training IV (3)

RADI 207 Digital Image Acquisition & QA (3)

RADI 209 Principles of Radiation Physics (2)

RADI 211 CT Procedures (2)

RADI 213 Radiographic Pathophysiology (2)

**Semester Hours (12) Cumulative Hours (71)**

**Semester 6 - Spring**

**Course # Course Title**

RADI 205 Clinical Training V (3)

RADI 217 Radiation Protection (3)

RADI 219 Image Analysis (2)

RADI 221 Radiography Comprehensive Review (2)

RADI 223 Situation Judgment Analysis (2)

**Semester Hours (12) Cumulative Hours (94)**

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

\*\* Computer Science Electives

COMP 110 Computer Concepts and Applications (3)

COMP 120 Computer Information Systems (3)

COMP 198 PC Troubleshooting (3)

COMP 130 Introduction to Programming (3)

COMP 180 Introduction to Networking (3)

**Radiography  
Computed Tomography Certificate**

**Concentration Requirements**

RADI 225 Computed Tomography Pathology ..... 3

RADI 226 Computed Tomography Physics and Instrumentation ..... 3

RADI 227 Advanced Computed Tomography Procedures ..... 3

RADI 228 Advance Computed Tomography

Cross Sectional Anatomy ..... 3

**Total ..... 12**

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