

RADIOGRAPHY
A.A.S. Program (A45700)

Radiography Program • A45700
Suggested Program Sequence Day

Courses required to meet graduation requirements in this curriculum are offered during day hours only. Minimum time for completion: five semesters full-time attendance. The Associate in Applied Science Degree is awarded graduates of this curriculum.

The Radiography curriculum prepares the graduate to be a radiographer, a skilled health care professional who uses radiation to produce images of the human body. Course work includes clinical rotations to area health care facilities, radiographic exposure, image processing, radiographic procedures, physics, pathology, patient care and management, radiation protection, quality assurance, anatomy and physiology, and radiobiology. Graduates of accredited programs are eligible to apply to take the American Registry of Radiologic Technologists' national examination for certification and registration as medical radiographers. Graduates may be employed in hospitals, clinics, physicians' offices, medical laboratories, government agencies, and industry.

GENERAL EDUCATION COURSES: SHC

English/Communications:	
ENG 111 Expository Writing	3
English Elective	3
Students are required to take one (1) course from the following:	
ENG 112 Argument-Based Research.....	3
ENG 113 Literature-Based Research.....	3
ENG 114 Prof Research & Reporting	3
Humanities/Fine Arts:	
Elective	3
Natural Sciences/Mathematics:	
BIO 168 Anatomy and Physiology I.....	4
BIO 169 Anatomy and Physiology II.....	4
Social/Behavioral Sciences:	
PSY 150 General Psychology.....	3

MAJOR COURSES:

RAD 110 Rad Intro & Patient Care	3
RAD 111 Rad Procedures I.....	
RAD 112 RAD Procedures II	4
RAD 121 Radiographic Imaging I.....	3
RAD 122 Radiographic Imaging II.....	2
RAD 131 Radiographic Physics I.....	2
RAD 151 RAD Clinical Ed I.....	2
RAD 161 Rad Clinical Ed II.....	5
RAD 171 Rad Clinical Ed III.....	4
RAD 211 Rad Procedures III.....	3
RAD 231 Radiographic Physics II.....	2
RAD 241 Radiobiology/Protection.....	2
RAD 245 Image Analysis	2
RAD 251 Rad Clinical Ed IV.....	7
RAD 261 Rad Clinical Ed V.....	7
RAD 271 Radiography Capstone.....	1

Total Credit Hours Required73

DEVELOPMENTAL COURSE REQUIREMENTS*

ENG 090 Composition Strategies.....	3
MAT DMA 010, DMA 020, DMA 030, DMA 040	4
RED 090 Improved College Reading.....	4

*Developmental coursework (including all prerequisites) will be required of students whose placement test scores indicate a need for greater proficiency in the areas of reading, English, mathematics, and computers. Please refer to the Course Descriptions section for prerequisite course information.

	Class	Lab	Clin/WkExp	Credit
Fall - 1st year				
BIO 168 Anat. & Physiology	3	3	0	4
ENG 111 Expository Writing	3	0	0	3
PSY 150 General Psychology	3	0	0	3
Total	9	3	6	10
Spring - 1st year				
BIO 169 Anat. & Physiology II	3	3	0	4
ENG 112 Argument Based Research (Preferred)	3	0	0	3
OR ENG 113 Literature Based Research	3	0	0	3
OR ENG 114 Prof Research & Reporting	3	0	0	3
Humanities/Fine Arts Elective	3	0	0	3
Total	9	3	0	10
Fall - 2nd year				
RAD 110 Rad Intro & Patient Care	2	3	0	3
RAD 111 Rad Procedures I	3	3	0	4
RAD 151 RAD Clinical Ed. I	0	0	6	2
Total	5	6	6	9
Spring - 2nd year				
RAD 112 RAD Procedures II	3	3	0	4
RAD 121 Radiographic Imaging I	2	3	0	3
RAD 131 Radiographic Physics I	1	3	0	2
RAD 161 Rad Clinical Ed II	0	0	15	5
Total	6	9	15	14
Summer - 2nd year				
RAD 122 Radiographic Imaging II	1	3	0	2
RAD 171 Rad Clinical Ed III	0	0	12	4
Total	1	3	12	6
Fall - 3rd year				
RAD 211 Rad Procedures III	2	3	0	3
RAD 231 Radiographic Physics II	1	3	0	2
RAD 251 Rad Clinical Ed IV	0	0	21	7
Total	3	6	21	12
Spring - 3rd year				
RAD 241 Radiobiology/Protection	2	0	0	2
RAD 245 Image Analysis	1	3	0	2
RAD 261 Rad Clinical Ed V	0	0	21	7
RAD 271 Radiography Capstone	0	3	0	1
Total	3	6	21	12
Grand Total	36	36	75	73