

RADIOGRAPHY - AAS

Offered at: Ashland Community and Technical College, Bluegrass Community and Technical College, Elizabethtown Community and Technical College, Hazard Community and Technical College, Jefferson Community and Technical College, Madisonville Community College, Owensboro Community and Technical College, Somerset Community College, Southcentral Kentucky Community and Technical College, Southeast Kentucky Community and Technical College, West Kentucky Community and Technical College

Program Plan Number: 5109117019

Students enrolled in the Radiography program must achieve a minimum grade of "C" in each Radiography course, required natural science course, and quantitative reasoning course.

Course	Title	Credits
General Education		
Social/Behavioral Sciences		3
Heritage/Humanities		3
ENG 101	Writing I	3
BIO 137	Human Anatomy and Physiology I with Laboratory	4
BIO 139	Human Anatomy and Physiology II with Laboratory	4
Select one of the following twelve options:		3-5
MAT 150	College Algebra	
MAT 160	Precalculus	
MAT 161	Statistics and Algebra	
MAT 165	Finite Mathematics and its Applications	
MAT 170	Brief Calculus with Applications	
MAT 171	Precalculus	
MAT 174	Calculus I	
MAT 175	Calculus I	
MAT 184	Calculus II	
MAT 185	Calculus II	
MAT 275	Calculus III	
STA 220	Statistics	
General Education Subtotal		20-22

Students must complete one of the pathways listed below to complete the AAS requirements.

Pathway 1

Offered at: Ashland Community and Technical College, Bluegrass Community and Technical College, Hazard Community and Technical College, Southeast Kentucky Community and Technical College

Program Plan Number: 510911701

Course	Title	Credits
Required		
General Education Subtotal		20-22
Additional General Education		
Select one of the following three options:		2-4
PHY 172	Physics for Health Sciences	

PHY 152	Introductory Physics II	
PHY 171	Applied Physics	
Support Course		
AHS 115	Medical Terminology	1-3
or AHS 120	Medical Terminology	
Technical Courses		
IMG 100	Radiography I	7
IMG 101	Clinical I	4
IMG 110	Radiography II	7
IMG 111	Clinical II	4
IMG 201	Clinical III	3
IMG 210	Radiography IV	4
IMG 211	Clinical IV	6
IMG 220	Radiography V	4
IMG 221	Clinical V	6
Total Credits		68-74

Pathway 2

Offered at: Elizabethtown Community and Technical College, Jefferson Community and Technical College, Southeast Kentucky Community and Technical College

Program Plan Number: 510911702

Course	Title	Credits
Required		
General Education Subtotal		20-22
Additional General Education		
PHY 152	Introductory Physics II	3-4
or PHY 171	Applied Physics	
Technical Courses		
AHS 120	Medical Terminology	1-3
or AHS 115	Medical Terminology	
IMG 104	Introduction to Radiography	2
IMG 106	Patient Care in Radiography ¹	2
IMG 108	Radiographic Procedures I	4
IMG 109	Clinical Practice I	1
IMG 114	Image Production & Acquisition	2
IMG 116	Advanced Patient Care in Radiography	2
IMG 118	Radiographic Procedures II	4
IMG 119	Clinical Practice II	3
IMG 209	Clinical Practice III	3
IMG 214	Imaging Equipment	2
IMG 216	Basic Computed Tomography	1
IMG 219	Clinical Practice IV	6
IMG 224	Radiation Protection & Biology	2
IMG 226	Radiographic Pathology	1
IMG 228	Radiography Seminar	2
IMG 229	Clinical Practice V	6
Total Credits		67-72

¹ NAA 100 Nursing Assistant Skills I (3 credit hours) may be substituted for IMG 106 Patient Care in Radiography (2 credit hours).

Pathway 3

Offered at: Jefferson Community and Technical College, Madisonville Community College, Owensboro Community and Technical College, Somerset Community College, Southcentral Kentucky Community and Technical College, West Kentucky Community and Technical College

Program Plan Number: 510911703

Course	Title	Credits
Required		
General Education Subtotal		20-22
Technical Courses		
DMI 102	Medical Terminology for Radiography ¹	1
DMI 106	Patient Care and Ethics for Radiographers	3
DMI 108	Radiographic Positioning & Procedures I	4
DMI 110	Radiography Practicum I	1
DMI 112	Principles of X-ray Production, Exposure, and Image Production	3
DMI 115	Pharmacology for Radiographers	2
DMI 118	Radiographic Positioning and Procedures II	4
DMI 120	Radiography Practicum II	2
DMI 128	Radiographic Positioning and Procedures III	3
DMI 130	Radiography Practicum III	2
DMI 212	Radiographic Equipment and Quality Management	3
DMI 220	Radiography Practicum IV	4
DMI 222	Image Analysis	2
DMI 224	Radiation Protection and Biology for Radiographers	2
DMI 226	Radiographic Anatomy & Pathology	3
DMI 228	Seminars in Radiography	3
DMI 230	Radiography Practicum V	4
Total Credits		66-68

¹ AHS 115 Medical Terminology (3 credit hours) or AHS 120 Medical Terminology (1 credit hours) may be substituted for DMI 102 Medical Terminology for Radiography (1 credit hours).