

DIAGNOSTIC MEDICAL SONOGRAPHY - AAS

Offered at: Bluegrass Community and Technical College, Elizabethtown Community and Technical College, Hazard Community and Technical College, West Kentucky Community and Technical College

Program Plan Number: 5109107019

Applicants must complete all required general education and supportive courses with a grade of a "C" or better prior to entering in the Diagnostic Medical Sonography program. Progression in the Diagnostic Medical Sonography program is contingent upon achievement of a grade of "C" or better in each Sonography course and maintenance of a 2.0 cumulative grade point average or better (on a 4.0 scale).

Course	Title	Credits
General Education		
MAT 150	College Algebra	3
ENG 101	Writing I	3
	Heritage/Humanities	3
	Social/Behavioral Sciences	3
	Select one of the following two options:	4-8
BIO 137 & BIO 139	Human Anatomy and Physiology I with Laboratory and Human Anatomy and Physiology II with Laboratory	
BIO 135	Basic Anatomy and Physiology with Laboratory	
	Select one of the following three options:	3-4
PHY 151	Introductory Physics I	
PHY 152	Introductory Physics II	
PHY 171	Applied Physics	
	Subtotal	19-24
Supportive Courses		
AHS 120	Medical Terminology	1
	Select one of the following three options:	0-4
NAA 100	Nursing Assistant Skills I	
MNA 100 & CPR 100	Medicaid Nurse Aide and CPR for Healthcare Professionals	
HST 101	Health Care Basic Skills I	
	Subtotal	1-5
	General Education and Supportive Subtotal	20-29
<i>Students must complete one of the tracks listed below to complete the AAS requirements.</i>		

Cardiac Sonography Track

Offered at: Bluegrass Community and Technical College, Elizabethtown Community and Technical College

Program Plan Number: 510910708

Course	Title	Credits
	General Education and Supportive Subtotal	20-29
DMS 119	Ultrasonic Physics and Instrumentation	6
DMS 146	Cardiac Techniques I	12
DMS 147	Cardiac Clinical Education I	1

DMS 207	Cardiac Techniques II	7
DMS 216	Cardiac Techniques III	3
DMS 246	Cardiac Review	1
DMS 247	Cardiac Clinical Education II	2
DMS 248	Cardiac Clinical Education III	6
DMS 249	Cardiac Clinical Education IV	8

Total Credits 66-75

General Sonography Track

Offered at: Bluegrass Community and Technical College, Elizabethtown Community and Technical College, Hazard Community and Technical College

Program Plan Number: 510910706

Course	Title	Credits
	General Education and Supportive Subtotal	20-29
DMS 111	Abdominal Sonography	7
DMS 116	OB/GYN Sonography	6
DMS 119	Ultrasonic Physics and Instrumentation	6
DMS 218	Abdominal Review	2
DMS 219	OB/GYN Review	2
	Select 17 credit hours from the following three clinical courses:	17
DMS 126	Clinical Education I	
DMS 230	Clinical Education II	
DMS 240	Clinical Education III	

Total Credits 60-69

General/Vascular Sonography Track

Offered at: Bluegrass Community and Technical College, Elizabethtown Community and Technical College, Hazard Community and Technical College, West Kentucky Community and Technical College

Program Plan Number: 510910705

Course	Title	Credits
	General Education and Supportive Subtotal	20-29
DMS 109	Sonography I	7
DMS 115	Sonography II	6
DMS 119	Ultrasonic Physics and Instrumentation	6
DMS 255	Vascular Technology	6
DMS 260	Vascular Clinical Education	6
	Select 17 credit hours from the following three clinical courses:	17
DMS 126	Clinical Education I	
DMS 230	Clinical Education II	
DMS 240	Clinical Education III	

Total Credits 68-77

Vascular Sonography Track

Offered at: Bluegrass Community and Technical College, Elizabethtown Community and Technical College

Program Plan Number: 510910707

Course	Title	Credits
General Education and Supportive Subtotal		20-29
DMS 117	Vascular Sonography I	7
DMS 118	Vascular Sonography II	6
DMS 119	Ultrasonic Physics and Instrumentation	6
DMS 136	Vascular Clinical Education I	4
DMS 204	Online Vascular Review	2
DMS 206	Online Vascular Sonography III	3
DMS 236	Vascular Clinical Education II	8
DMS 237	Vascular Clinical Education III	5
Total Credits		61-70