

DIAGNOSTIC MEDICAL SONOGRAPHY

General/Vascular Sonography Track
Associate in Applied Science

Academic Plan Code 5109107019

Academic Subplan Code 510910705

Contact Information: Nichole Toon			
nichole.toon@kctcs.edu		270-534-3450	
Student Name		Student ID#	
Course	Hours	Grade	Semester
PRE-REQUISITES			
AHS 120 Medical Terminology*	1		
BIO 135 Basic Anatomy and Physiology with Laboratory	4		
BIO 137 Human Anatomy and Physiology I	(4)		
BIO 139 Human Anatomy and Physiology II	(4)		
ENG 101 Writing I	3		
MAT 150 College Algebra or higher mathematics course	3		
PHY 171 Applied Physics*	4		
PHY 151 Introduction to Physics *	(3)		
PHY 152 Introduction to Physics *	(3)		
REQUIRED BEFORE ENROLLING IN DMS 109			
Prior to enrolling in DMS 109, students must provide documentation of successful completion of a minimum 75-hour nursing assistant course or its equivalent or HST 101, and documentation of digital literacy as defined by KCTCS.			
GENERAL EDUCATION			
Heritage/Humanities**	3		
Social/Behavioral Science**	3		
TECHNICAL COURSES			
DMS 109 Sonography I	7		
DMS 115 Sonography II	6		
DMS 119 Ultrasonic Physics and Instrumentation	6		
DMS 126 Clinical Education I	4		
DMS 199 Online Physics Review	1		
DMS 201 Online Abdomen Review	(1)		
DMS 202 Online OB/GYN Review	(1)		
DMS 230 Clinical Education II	8		
DMS 240 Clinical Education III	5		
DMS 255 Vascular Technology	6		
DMS 260 Vascular Clinical Education	6		
Total Credits	69-76		
		Revised Date: 8/28/2018	

WKCTC is an equal educational and employment opportunity institution.

KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM

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REQUIRED BEFORE ENROLLING IN DMS 109		
Prior to enrolling in DMS 109, students must provide documentation of successful completion of a minimum 75-hour nursing assistant course or its equivalent or HST 101, and documentation of digital literacy as defined by KCTCS.		
Course No.	PRE-REQUISITE COURSES	Credit Hours
BIO 135	Basic Anatomy and Physiology with Laboratory OR	4
BIO 137	Human Anatomy and Physiology I AND	(4)
BIO 139	Human Anatomy and Physiology II	(4)
MAT 150	College Algebra or higher mathematics course	3
PHY 151*	Introduction to Physics OR	3
PHY 152*	Introduction to Physics OR	(3)
PHY 171*	Applied Physics	(4)
AHS 120*	Medical Terminology	1
ENG 101	Writing I	3
*Courses may be waived if student graduated from an accredited radiography program, but student must complete 64 hours to be awarded the AAS degree.		
Subtotal		14-19
Course No.	GENERAL EDUCATION	Credit Hours
	Heritage/Humanities**	3
	Social/Behavioral Science**	3
Subtotal		6

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FALL SEMESTER		
Course No.	Course Title	Credit Hours
DMS 109	Sonography I	7
DMS 115	Sonography II	6
DMS 126	Clinical Education I	4
Subtotal		17
SPRING SEMESTER		
Course No.	Course Title	Credit Hours
DMS 119	Ultrasonic Physics and Instrumentation	6
DMS 230	Clinical Education II	8
Subtotal		14
SUMMER SEMESTER		
Course No.	Course Title	Credit Hours
DMS 240	Clinical Education III	5
DMS 199	Online Physics Review AND/OR	1
DMS 201	Online Abdomen Review AND/OR	(1)
DMS 202	Online OB/GYN Review	(1)
Subtotal		6-8



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FALL SEMESTER (2ND YEAR)		
Course No.	Course Title	Credit Hours
DMS 255	Vascular Technology	6
DMS 260	Vascular Clinical Education	6
Subtotal		12
Grand Total		69 - 76

Program Coordinator Notes:
STUDENTS ADMITTED INTO THE SONOGRAPHY PROGRAM MUST HAVE A MINIMUM CUMULATIVE GPA OF 2.0 OR HIGHER.
 PRE-REQUISITE COURSES MUST BE COMPLETED WITH A GRADE OF "C" OR HIGHER TO BE ELIGIBLE FOR ADMISSION TO THE PROGRAM.
****THESE COURSES MUST BE COMPLETED BEFORE EARNING DEGREE.**
Documentation of successful completion of a minimum of 75 hour nursing assistant course or its equivalent or HST 101, and digital literacy as defined by KCTCS are required prior to enrolling in the first Sonography course.
 Progression in the Diagnostic Medical Sonography program is contingent upon achievement of a grade of "C" or higher in each sonography course and maintenance of a 2.0 cumulative grade point average or better (on a 4.0 scale). It is the ultimate responsibility of the student to stay current with the curriculum requirements.