

Diagnostic Medical Sonography Associates Program

The Diagnostic Medical Sonography (DMS) program at Danville Area Community College prepares the student for employment upon graduation as a key member of the health care team that performs a variety of sonographic procedures by operating complex equipment and providing skilled patient care.

This rigorous program offers a wide variety of educational experiences in professional/technical coursework. In addition to classroom and laboratory sessions, students will perform three semesters of clinical rotations coordinated by the faculty at DACC and directly supervised by credentialed technologists at affiliated medical facilities. This critical component of the curriculum allows students to perform real world hands-on application of knowledge. Graduates complete 1681 total program hours (classroom, laboratory and clinicals) which makes them eligible to take the national certification examinations in sonography given by the American Registry of Diagnostic Medical Sonographers (ARDMS) and the American Registry of Radiologic Technologists (ARRT). Upon completion, students will be awarded an Associate degree in Applied Sciences.

Program sequence begins in the Summer semester.

Entrance Requirements:

Successful completion (Grade “C” or better) of the required prerequisite courses and/or have received a Bachelor’s degree within 5 years. Recommend current CPR certification.
Math* – placement by test into college algebra (MATH 111) or higher algebra-based mathematics or successful completion of MATH 108 Intermediate Algebra or higher algebra-based math course.

Prerequisite Courses	Hours	F,S,I,SU	Grade
Students can be enrolled in A&P II & Phys Sci 141 and apply			
BIOL 136 Anatomy and Physiology I	4		
BIOL 137 Anatomy and Physiology II	4		
PHYS 141 Physical Science I	4		
Total:	12		

Required Courses:

Core Courses	Hours	F,S,I,SU	Grade
First Semester (Summer)			
SONO110 Introduction to Sonography	2		
SONO111 Patient Care	3		

SONO112 Introduction to Sonographic Physics & Instrumentation	1		
SONO118 Sonographic Medical Terminology	2		
PSYC 100 Introduction to Psychology**	3		
Total:	11		
Second Semester (Fall)			
SONO113 Sonography Physics & Instrumentation	3		
SONO114 Abdominal Sonography	6		
SONO116 Obstetrics and Gynecology I	5		
ENGL101 Rhetoric and Composition**	3		
Total:	17		
Third Semester (Spring)			
SONO120 Clinical Internship I	2		
SONO115 Abdominal Pathology	6		
SONO117 Obstetrics and Gynecology II	5		
SPCH101 Oral Communications**	3		
Total:	16		
Fourth Semester (Summer)			
SONO210 Clinical Internship II	6		
SONO212 Special Topics in Sonography	2		
Total:	8		
Fifth Semester (Fall)			
SONO211 Clinical Internship III	10		
SONO213 Introduction to Cardiovascular Sonography	2		
Total:	12		

Total Credit Hours: 76 (General Education, Prerequisite, and Core courses)

***Enrollment in developmental classes may increase the length of time it takes to complete an associate degree.**

****Recommended sequence for general education courses.**

Students will need to complete a separate application for consideration into this program. Program application can be found at <https://dacc.edu/depts/sono>. Please contact director Rachael Arnholt 217-554-2497 with any questions. Application deadline is March 15.