

THIS IS A CAREER DEGREE.  
IT IS NOT DESIGNED TO TRANSFER TO A FOUR YEAR UNIVERSITY.

Danville Area Community College  
2021-2022

**Echocardiography**  
Advanced Certificate

The Echocardiography 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 echocardiographic procedures by operating complex equipment and providing skilled patient care. We provide an environment that enhances critical thinking, professionalism, and life-long learning to maintain academic and professional integrity throughout the program and their career.

This rigorous program offers a wide variety of educational experiences in professional/technical coursework. In addition to classroom and laboratory sessions, students will perform two 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 1697 total program hours (classroom, laboratory and clinicals) which ensures eligibility to apply to take the national certification examinations in echocardiography given by the American Registry of Diagnostic Medical Sonographers (ARDMS) and Cardiovascular Credentialing International (CCI).

**Entrance Requirements:**

Preferred applicants will be a: registered diagnostic medical sonographer (ARRT or ARDMS), or registered radiologic technologist with cardiovascular experience or registered nurse with cardiovascular experience. Other allied health professionals with a minimum of an associate degree and cardiovascular experience or those holding any bachelor's degree or higher and with cardiovascular experience may be considered on an individual case basis. Current CPR certification recommended.

REQUIRED COURSES	HOURS	F,S,I,SU	GRADE
<b>First Semester</b>			
ECHO 101 Cardiovascular Anatomy and Physiology	3		
ECHO 102 Echocardiography Procedures	8		
SONO 104 Sonography Physics and Instrumentation	3		
ECHO 106 Electrocardiography	1		
Total	15		
<b>Second Semester</b>			
* ECHO 103 Clinical Education I	13		
+ ECHO 107 Echocardiography Procedures II	2		
Total	15		
<b>First Summer Semester</b>			
**ECHO 104 Clinical Education II	8		
+ ECHO 105 Special Topics in Echocardiography	3		
Total	11		
Total Hours	41		

+ On-line courses.      \* 18 week semester      \*\* 10 week semester

Students will need to complete a separate application for consideration into this program. Please contact Instructor Jamie Moreland at 217-554-1659 or Director Tammy Howard at 217-443-8552 with any questions. Application is online. Application deadline is May 15.

**Gainful Employment:**

For program costs, completion and graduate information see  
<https://www.dacc.edu/assets/pdfs/cguides/2021-2022/GEA/Echocardiography.pdf>