

GUIDED PATHWAY: PEDIATRIC CARDIAC SONOGRAPHY ADVANCED TECHNICAL CERTIFICATE

HEALTH SCIENCES CAREER PATH



For more information, visit the [Dallas College Cardiac Sonography webpage](http://www.dcccd.edu/CardiacSono) [www.dcccd.edu/CardiacSono] and your academic advisor at the El Centro Campus.

This is an example course sequence for students interested in pursuing Pediatric Cardiac Sonography. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a Pediatric Cardiac Sonography Advanced Technical Certificate. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. See catalog for [official certificate requirements](#).

The Pediatric Cardiac Sonography Certificate Option is for a student having at least a previous Associate Degree in a designated allied health field or a B.S. degree with a major in a science discipline with substantial patient care experience. Potential students will be considered on an individual basis to determine if they have an adequate background in anatomy and physiology, college algebra, pathophysiology, pharmacology, and physics. A background in basic ECG is also required. Upon completion, a certificate will be awarded. Courses that complete the degree are noted below.

Catalog Year	2021-2022	You may use this pathway if you entered Dallas College on or before this date.
Degree Type	Advanced Technical Certificate	
GPA Requirement	Student must earn a GPA of 2.0 or higher	
TSI	Must be Complete	

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students. This is not an official degree plan. See catalog for [official certificate requirements](#).

CERTIFICATE MINIMUM: 37 SEMESTER CREDIT HOURS

PROGRAM SPECIFIC REQUIREMENTS

A minimum grade of "C" is required in all courses.

COMPLETE ONE OF THE FOLLOWING:

1. Completion of six Health Professions Readiness courses that satisfy the Health Professions Readiness I & II Skills Achievement Awards
2. Two years' employment as a healthcare worker within a medical related laboratory **AND** Direct patient care experience within the last 5 years
3. Current credential in a healthcare profession (e.g., RN, Medical Assisting, Radiography, Paramedic, LVN, etc.)

SEMESTER 1 (Spring)

Total Hours: 3

[DSAE 2303](#) – Cardiovascular Concepts

SEMESTER 1 ACTION ITEMS

1. Meet with your advisor to request an official program of study audit and confirm or update your academic/career path and program of study.
2. Meet with the clinical coordinator regarding placement for the Practicum course.

SEMESTER 2 (Summer)

Total Hours: 8

[DMSO 2343](#) – Advanced Ultrasound Physics

[DSAE 1270](#) – Introduction to Echocardiographic Evaluation

[DSAE 1203](#) – Introduction to Echocardiography Techniques

[DSAE 1165](#) – Practicum (or Field Experience)-Diagnostic Medical Sonography/Sonographer and Ultrasound Technician

SEMESTER 2 ACTION ITEMS

1. Meet with the clinical coordinator regarding placement for the Clinical course.

SEMESTER 3 (Fall)

Total Hours: 13

[DSPE 2405](#) – Pediatric Echocardiographic Evaluation

[DSAE 2660](#) – Clinical-Diagnostic Medical Sonography/Sonographer and Ultrasound Technician

[DSPE 2353](#) – Pediatric Echocardiography Procedures

SEMESTER 3 ACTION ITEMS

1. Meet with the clinical coordinator regarding placement for the Clinical course.
2. Meet with a career advisor or coach for assistance in preparing for job search, if needed.

SEMESTER 4 (Spring)

Total Hours: 13

[DSPE 2447](#) – Pediatric Echocardiographic Evaluation II

[DSAE 2661](#) – Clinical-Diagnostic Medical Sonography/Sonographer and Ultrasound Technician *This is the capstone experience for this award.*

[DSAE 2355](#) – Echocardiography Professionalism and Registry Review

SEMESTER 4 ACTION ITEMS

1. After reviewing your degree plan and program of study, meet the Health Occupations Admissions Office to apply for the Pediatric Cardiac Sonography ATC.
2. Sign up for commencement.
3. Join the [Alumni Network!](#)

PATHWAY TOTAL: 37 SEMESTER CREDIT HOURS