

Advanced Technical Certificate Diagnostic Cardiovascular Sonography - Adult Echocardiography (CIP 51.0910)

* **Program Pre-requisites:** Associate Degree or higher in an Allied Health field from an Accredited Institution. Prior education must have included: *Algebra, Physics, English, Anatomy & Physiology I & II. Must hold a professional credential.

Course Number	Course Title	Credits
First Semester (Spring 16 week)		
** DMSO 1210	Introduction to Sonography	2
DMSO 1342	Intermediate Ultrasound Physics	3
DSAE 1303	Introduction to Echocardiography Techniques	3
DSAE 1360	Clinical - DMST Intro to Echo	3
Second Semester (Summer 11 week)		
** DSAE 2303	Cardiovascular Concepts	3
DSAE 2304	Echo Evaluation of Pathology I	3
DSAE 2361	Clinical - DMST Echo I	3
Third Semester (Fall 16 week)		
** DSAE 1340	Diagnostic Electrocardiography	3
DSAE 2337	Echo Evaluation of Pathology II	3
** DSAE 2461	Clinical - DMST Echo II	4
Fourth Semester (Spring 16 week)		
DSAE 2335	Advanced Echocardiography	3
Δ** DSAE 2462	Clinical - DMST Echo III	4

Total Credits Required for Adv Technical Certificate Diagnostic Cardiovascular Sonography - Adult Echocardiography37

Δ Capstone Course

* Pre-requisite courses **must** be completed or in progress by the application deadline. Deadline is October 15th.

** Courses **may** be taken prior to acceptance. DSAE 2303 may be taken in advance of acceptance to renew expired A&P credits.

Advanced Technical Certificate Diagnostic Cardiovascular Sonography – Pediatric Echocardiography (CIP 51.0910)

* **Program Pre-requisites:** Associate Degree or higher in an Allied Health field from an Accredited Institution and current registry in Adult Echocardiography is required. Prior education must have included: *Algebra, Physics, English, Anatomy & Physiology I & II. Must hold a professional credential.

Course Number	Course Title	Credits
First Semester (Spring 16 week)		
DSPE 2255	Neonatal/Pediatric Patient Care Skills	2
DSPE 1300	Introduction to Pedi Echo Techniques	3
DSPE 1265	Practicum – DMST, Intro to Pedi Echo	2
Second Semester (Summer 11 week)		
DSPE 2257	Echo Eval of Congenital Heart Disease 1	2
DSPE 2261	Clinical - DMST Pediatric Echo I	2
Third Semester (Fall 16 week)		
DSPE 2249	Echo Eval of Congenital Heart Disease 2	2
DSPE 2461	Clinical - DMST Pediatric Echo II	4
Fourth Semester (Spring 16 week)		
DSPE 2259	Advanced Pedi Echocardiography	2
Δ DSPE 2462	Clinical - DMST Pediatric Echo III	4

Total Credits Required A.T.C. Diagnostic Cardiovascular Sonography Specialty in Pediatric Echocardiography. 23

Δ Capstone Course

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