

**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 registry credential or medical license.

Course Number	Course Title	Credits
<b>First Semester (Spring 16 week)</b>		
** 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	<u>3</u>
		<b>11</b>
<b>Second Semester (Summer 11 week)</b>		
** DSAE 2303	Cardiovascular Concepts	3
DSAE 2304	Echo Evaluation of Pathology I	3
DSAE 2361	Clinical - DMST Echo I	<u>3</u>
		<b>9</b>
<b>Third Semester (Fall 16 week)</b>		
** DSAE 1340	Diagnostic Electrocardiography	3
DSAE 2337	Echo Evaluation of Pathology II	3
** DSAE 2461	Clinical - DMST Echo II	<u>4</u>
		<b>10</b>
<b>Fourth Semester (Spring 16 week)</b>		
DSAE 2335	Advanced Echocardiography	3
* ** DSAE 2462	Clinical - DMST Echo III	<u>4</u>
		<b>7</b>

Total Credits Required for Adv Technical Certificate Diagnostic Cardiovascular Sonography - Adult Echocardiography . . . . .**37**

\* Capstone Course

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

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

**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 registry credential or medical license.

Course Number	Course Title	Credits
<b>First Semester (Spring 16 week)</b>		
DSPE 1265	Practicum – DMST, Intro to Pedi Echo	2
DSPE 1300	Introduction to Pedi Echo Techniques	3
DSPE 2255	Neonatal/Pediatric Patient Care Skills	<u>2</u>
		<b>7</b>
<b>Second Semester (Summer 11 week)</b>		
DSPE 2257	Echo Eval of Congenital Heart Disease 1	2
DSPE 2261	Clinical - DMST Pediatric Echo I	<u>2</u>
		<b>4</b>
<b>Third Semester (Fall 16 week)</b>		
DSPE 2249	Echo Eval of Congenital Heart Disease 2	2
DSPE 2461	Clinical - DMST Pediatric Echo II	<u>4</u>
		<b>6</b>
<b>Fourth Semester (Spring 16 week)</b>		
DSPE 2259	Advanced Pedi Echocardiography	2
* DSPE 2462	Clinical - DMST Pediatric Echo III	<u>4</u>
		<b>6</b>

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

\* Capstone Course

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