

# Diagnostic Cardiovascular Sonography

281-756-5650

## Adult Echocardiography (CIP 51.0910)

Associate of Applied Science Degree Program (A.A.S.)

Course Number	Course Title	Credits
<b>Program Pre-requisites - Must be completed or in progress in order to apply.</b>		
P+ BIOL 2401	Anatomy and Physiology I	4
P+ BIOL 2402	Anatomy and Physiology II	4
P+ ENGL 1301	Composition I	3
P+ PHYS 1401 or SCIT 1420 or	College Physics I or Physics for Allied Health or	4
P CTEC 1401	Applied Petrochemical Technology	
P+ Mathematics	Select from Mathematics Core Curriculum	<u>3</u>
		<b>18</b>
<b>FIRST YEAR</b>		
<b>First Semester (Summer 11 week)</b>		
** DMSO 1210	Introduction to Sonography	2
** DSAE 2303	Cardiovascular Concepts	3
HPRS 1304	Basic Health Profession Skills	<u>3</u>
		<b>8</b>
<b>Second Semester (Fall 16 week)</b>		
CVTT 1161	Clinical - Cardiovascular Technology	1
DSAE 1340	Diagnostic Electrocardiography	3
**+ Social & Behavioral Sciences	Select from Social & Behavioral Sciences Core Curriculum	<u>3</u>
		<b>7</b>
<b>Third Semester (Spring 16 week)</b>		
DMSO 1342	Intermediate Ultrasound Physics	3
DSAE 1303	Introduction to Echocardiography Techniques	3
DSAE 1360	Clinical - DMST Intro to Echo	<u>3</u>
		<b>9</b>
<b>SECOND YEAR</b>		
<b>First Semester (Summer 11 week)</b>		
DSAE 2304	Echocardiography Evaluation of Pathology I	3
DSAE 2361	Clinical - DMST Echo I	3
Language, Philosophy & Culture or Creative Arts	Select from Language, Philosophy & Culture Core Curriculum or Select from Creative Arts Core Curriculum	<u>3</u>
		<b>9</b>
<b>Second Semester (Fall 16 week)</b>		
DSAE 2337	Echocardiography Evaluation of Pathology II	3
DSAE 2461	Clinical - DMST Echo II	<u>4</u>
		<b>7</b>
<b>Third Semester (Spring 16 week)</b>		
DSAE 2335	Advanced Echocardiography	3
* DSAE 2462	Clinical - DMST Echo III	<u>4</u>
		<b>7</b>

(Consider DSPE 1300-Introduction to Pedi Echo Tech or DSVT 1300-Principles of Vascular Tech for cross-training.)

Total Credits Required for A.A.S. Diagnostic Cardiovascular Sonography - Adult Echocardiography . . . . . **65**

+ Denotes core requirement. Speak with Department Chair or Academic Advisor for proper course selection.

PPrerequisite courses must be completed or in progress by the application deadline. Deadline is February 15th.

\*Capstone Course

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