

Diagnostic Cardiovascular Sonography

281-756-5650

Adult Echocardiography (CIP 51.0910)

Associate of Applied Science Degree Program (A.A.S.) - Articulated Credit

Course Number	Course Title	Credits
Program Pre-requisites - Must be completed or in progress in order to apply.		
*+ BIOL 2401	Anatomy and Physiology I	4
*+ BIOL 2402	Anatomy and Physiology II	4
*+ ENGL 1301	Composition I	3
*+ PHYS 1401 or * CTEC 1401	College Physics I (or PHYS 1410, PHYS 1415, SCIT 1420) or Applied Petrochemical Technology	4
*+ Mathematics	Select from Mathematics Core Curriculum	3

FIRST YEAR

First Semester (Summer 11 weeks)

HPRS 1304	Basic Health Profession Skills	3
** DMSO 1210	Introduction to Sonography	2
** DSAE 2303	Cardiovascular Concepts	3

Second Semester (Fall 16 weeks)

**+ Social & Behavioral Sciences	Select from Social & Behavioral Sciences Core Curriculum	3
DSAE 1340	Diagnostic Electrocardiography	3
CVTT 1161	Clinical - Cardiovascular Technology	1

Third Semester (Spring 16 weeks)

DMSO 1342	Intermediate Ultrasound Physics	3
DSAE 1303	Introduction to Echocardiography Techniques	3
DSAE 1360	Clinical - DMST Intro to Echo	3

SECOND YEAR

First Semester (Summer 11 weeks)

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	3

Second Semester (Fall 16 weeks)

DSAE 2337	Echocardiography Evaluation of Pathology II	3
DSAE 2461	Clinical - DMST Echo II	4

Third Semester (Spring 16 weeks)

DSAE 2335	Advanced Echocardiography	3
△ DSAE 2462	Clinical - DMST Echo III	4

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

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.

*Prerequisite 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.