

Curriculum Outline

FICE 003539

CIP 51.0910

Alvin Community College

Advanced Technical Certificate

Diagnostic Cardiovascular Sonography – Echocardiography

Program Pre-requisites

Associate Degree or higher in an Allied Health field from an Accredited Institution.
 Prior education must have included: **Algebra, Physics, English, and Anatomy and Physiology I and II.

Rubric/#	Title	Type	Wkly Lec Hrs	Wkly Lab Hrs	Wkly Clin Hrs	Sem Cont Hrs	Sem Cred Hrs
First Semester (Spring 16 weeks)							
DMSO 1210*	Introduction to Sonography	WECM	2	0	0	32	2
DSAE 1318	Sonographic Instrumentation	WECM	2	2	0	64	3
DSAE 1303	Intro to Echocardiography Techniques	WECM	2	4	0	96	3
DSAE 1360	Clinical – DMST, Intro to Echo	WECM	0	0	18	288	3
Semester Total			6	6	18	480	11
Second Semester (Summer 11 weeks)							
DSAE 2303*	Cardiovascular Concepts	WECM	3	1	0	64	3
DSAE 2404	Echo Evaluation of Pathology I	WECM	2	4	0	96	4
DSAE 2361	Clinical – DMST, Echo I	WECM	0	0	26	288	3
Semester Total			5	5	26	448	10
Third Semester (Fall 16 weeks)							
DSAE 1340	Diagnostic Electrocardiography	WECM	2	4	0	96	3
DSAE 2437	Echo Evaluation of Pathology II	WECM	2	4	0	96	4
DSAE 2461	Clinical – DMST, Echo II	WECM	0	0	24	384	4
Semester Total			4	8	24	576	11
Fourth Semester (Spring 16 weeks)							
DSAE 2335	Advanced Echocardiography	WECM	2	4	0	96	3
DSAE 2462	Clinical – DMST, Echo III	WECM	0	0	24	384	4
Semester Total			2	4	24	480	7

Total Credits Required

Advanced Technical Certificate

Diagnostic Cardiovascular Sonography

Specialty in Echocardiography

CTH SCH

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Updated 02-11

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

* These courses *may* be taken prior to acceptance.

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