

Curriculum Outline

FICE 003539

CIP 51.0910

Alvin Community College

Advanced Technical Certificate

Diagnostic Cardiovascular Sonography – *Non-Invasive Vascular Technology*

Program Pre-requisite

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
DSVT 1300	Principles of Vascular Technology	WECM	2	4	0	96	3
DSVT 1360	Clinical – DMST, Intro to Vascular	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
DSVT 2430	Cerebrovascular Eval of Pathology	WECM	2	4	0	96	4
DSVT 2361	Clinical – DMST, Vascular 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
DSVT 2418	Peripheral Vascular Eval of Pathology	WECM	2	4	0	96	4
DSVT 2461	Clinical – DMST, Vascular II	WECM	0	0	24	384	4
	Semester Total		4	8	24	576	11
Fourth Semester (Spring 16 weeks)							
DSVT 2335	Advanced Vascular Technology	WECM	2	4	0	96	3
DSVT 2462	Clinical - DMST, Vascular III	WECM	0	0	24	384	4
	Semester Total		2	4	24	480	7

**Total Credits Required for
 Advanced Technical Certificate
 Diagnostic Cardiovascular Sonography
 Specialty in Vascular Technology**

**CTH SCH
 1984 39**

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.