

CARDIAC SONOGRAPHY, ASSOCIATE OF APPLIED SCIENCE

Curriculum

Students must apply to and be admitted into the technical phase of the program before taking any of the CVT courses below.

The matrix below is a sample plan for all coursework required for this program.

Course	Title	Hours	Completed
First Year			
Fall			
BST 1303 or CIS 1113	Introduction to Computers or Fundamental Computer Operation	3	_____
ENGL 1013	Composition I	3	_____
HSCI 1113	Medical Terminology	3	_____
HSCI 1123	Human Anatomical Structure I	3	_____
MATH 1003 or MATH 1113	College Mathematics or College Algebra	3	_____
	Hours	15	
Spring			
BIOL 1014 or PHSC 1013 and PHSC 1021	Introduction to Biological Science or Introduction to Physical Science and Physical Science Laboratory	4	_____
ENGL 1023	Composition II	3	_____
HSCI 1243	Human Anatomical Structure II	3	_____
PSY 2003	General Psychology	3	_____
EMTP 1001	First Aid and CPR for Health Care Providers	1	_____
	Hours	14	
Second Year			
Fall			
CVT 2112	Hospital Policies and Patient Care	2	_____
CVT 2123	Sonography Physics and Instrumentation I	3	_____
CVT 2132	Echocardiography I Laboratory	2	_____
CVT 2133	Echocardiography I	3	_____
CVT 2144	Clinical Practicum I	4	_____
	Hours	14	
Spring			
CVT 2211	Principles of Electrocardiography	1	_____
CVT 2213	Cardiac Pathology Studies	3	_____
CVT 2223	Sonography Physics and Instrumentation II	3	_____
CVT 2231	Echocardiography II Laboratory	1	_____
CVT 2233	Echocardiography II	3	_____
CVT 2244	Clinical Practicum II	4	_____
	Hours	15	
Summer			
CVT 2312	Interdisciplinary Cardiac Imaging	2	_____
CVT 2313	Echocardiography Concepts	3	_____
CVT 2323	Physics Concepts	3	_____

CVT 2344	Clinical Practicum III	4	_____
	Hours	12	
	Total Hours	70	