

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
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 <i>and</i> PHSC 1021	Introduction to Biological Science or Introduction to Physical Science <i>and</i> 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