

CARDIO TECHNOLOGY PROGRAM

ASSOCIATES DEGREE IN CARDIAC SONOGRAPHY

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

Curriculum

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

Fall

Course Number and Name	Credits
BST 1303 Introduction to Computers or CIS 1113 Fundamental Computer Operation	3
ENGL 1013	3
HSCI 1113 Medical Terminology	3
HSCI 1123 Human Anatomical Structure I	3
MATH 1003 or MATH 1113	3
Total Hours	15

Spring

Course Number and Name	Credits
BIOL 1014 or PHSC 1013 and PHSC 1021	4
ENGL 1023	3
HSCI 1243 Human Anatomical Structure II	3
PSY 2003	3
EMTP 1001 First Aid and CPR for Health Care Providers	1
Total Hours	14

Fall

Course Number and Name	Credits
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
Total Hours	14

Spring

Course Number and Name	Credits
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
Total Hours	15

Summer

Course Number and Name	Credits
CVT 2312 Interdisciplinary Cardiac Imaging	2
CVT 2313 Echocardiography Concepts	3
CVT 2323 Physics Concepts	3
CVT 2344 Clinical Practicum III	4
Total Hours	12