

# 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
<b>Total Hours</b>	<b>15</b>

#### Spring

Course Number and Name	Credits
BIOL 1014 or or BIOL 2054 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
<b>Total Hours</b>	<b>14</b>

#### 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
<b>Total Hours</b>	<b>14</b>

#### 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
<b>Total Hours</b>	<b>15</b>

**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
<b>Total Hours</b>	<b>12</b>