

## CARDIOVASCULAR TECHNOLOGY: CARDIAC SONOGRAPHY (Echocardiography) Associate in Science (#353P)

### PROGRAM REQUIREMENTS (TOTAL CREDITS = 63)

General Education	Major	Other Required Courses
ENGL 101 English Composition I	3 CVT 219 Intro to Ultrasnd Img Sys	1 BIOL 121 Anatomy & Physiology I
ENGL 102 English Composition II	3 CVT 220 Intro to Cardiac Sonography	3 BIOL 122 Anatomy & Physiology II
COMM 101 Effective Speaking <u>or</u>	3 CVT 221 Cardiac Pathophy & Echo Concepts I	4 MATH 111 Principles of Math
COMM 203 Interpers Communic	3 CVT 222 Cardiac Son Phys & Instrum	3 CVT 100 Foundations of Cardiovascular Med (FYS)
Humanities/Arts elective	3 CVT 223 Cardiac Pathophy & Echo Concepts I	4 CVT 101 Intro to CVT
Social/Behavioral Science elective	3 CVT 224 Cardiac Son Clinical I	4 CVT 102 CVT Lab
Wellness	1 CVT 226 Cardiac Hemodynamics	1 CVT 103 Cardiovascular Clinical
	16 CVT 228 Cardiac Son Clinical II	2
8/17	2 CVT 230 Intro to Pediatric Echo.	2

"C" or better is required in BIOL 121, 122, and all CVT courses

**Program specific courses:**

CVT 100, 101, 102 must be taken before applying to clinical phase of CVT program

<u>Spring I</u>	<u>Summer I</u>	<u>Fall I</u>	<u>Spring II</u>	<u>Summer II</u>	<u>Fall II</u>
*CVT 100	*CVT 103	CVT 221	CVT 219	CVT 224	CVT 228
*CVT 101		CVT 222	CVT 220	CVT 226	CVT 230
*CVT 102			CVT 223		

The complete program is available at the Lancaster Campus. Prerequisites offered at all other campuses and on-line.

The Cardiovascular Technology program has many clinical affiliates. While laboratory classes are held at the Lancaster campus it is expected that the student have their own transportation to attend field trips and a clinical rotation which could be up to 90 miles from the Lancaster campus.

**Sample cardiac sonography schedule - subject to change**

Fall - Mon, Wed, Thurs evening

Spring – Mon. and Wed, all day

Summer - Wed all day & (3-4) 8-hour days per week of clinical

Fall - Wed evening (Blended) & (4-5) 8-hour days per week of clinical

\*Some courses require mandatory outside practice time to meet the standards of the courses. Student success is directly related to competency of skills.

6/4/20

KJW/ vg