## PROGRAM REQUIREMENTS (TOTAL CREDITS = 63)

<table>
<thead>
<tr>
<th>General Education</th>
<th>Major</th>
<th>Other Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 101 English Composition I</td>
<td>3</td>
<td>CVT 219 Intro to Ultrasound Imaging Systems</td>
</tr>
<tr>
<td>ENGL 102 English Composition II</td>
<td>3</td>
<td>CVT 220 Intro to Cardiac Sonography</td>
</tr>
<tr>
<td>COMM 101 Effective Speaking or COMM 203 Interpers Communication</td>
<td>3</td>
<td>CVT 221 Cardiac Pathophy &amp; Echo Concepts I</td>
</tr>
<tr>
<td>ENGL 102 English Composition II</td>
<td>3</td>
<td>CVT 222 Cardiac Son Phys &amp; Instrum</td>
</tr>
<tr>
<td>CVT 219 Intro to Ultrasound Imaging Systems</td>
<td>1</td>
<td>CVT 101 Intro to CVT</td>
</tr>
<tr>
<td>CVT 220 Intro to Cardiac Sonography</td>
<td>3</td>
<td>CVT 102 CVT Lab</td>
</tr>
<tr>
<td>CVT 221 Cardiac Pathophy &amp; Echo Concepts I</td>
<td>4</td>
<td>CVT 103 Cardiovascular Clinical</td>
</tr>
<tr>
<td>CVT 222 Cardiac Son Phys &amp; Instrum</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CVT 223 Cardiac Pathophy &amp; Echo Concepts I</td>
<td>4</td>
<td>“C” or better is required in BIOL 121, 122, and all CVT courses</td>
</tr>
<tr>
<td>CVT 224 Cardiac Son Clinical I</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CVT 225 Cardiac Hemodynamics</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>CVT 226 Cardiac Hemodynamics</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>CVT 227 Cardiac Son Clinical II</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>CVT 228 Cardiac Son Clinical II</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>CVT 229 Intro to Pediatric Echo</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>CVT 230 Intro to Pediatric Echo</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

Program specific courses:

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

<table>
<thead>
<tr>
<th>Spring I</th>
<th>Summer I</th>
<th>Fall I</th>
<th>Spring II</th>
<th>Summer II</th>
<th>Fall II</th>
</tr>
</thead>
<tbody>
<tr>
<td>*CVT 100</td>
<td>*CVT 103</td>
<td>CVT 221</td>
<td>CVT 219</td>
<td>CVT 224</td>
<td>CVT 228</td>
</tr>
<tr>
<td>*CVT 101</td>
<td>CVT 222</td>
<td>CVT 220</td>
<td>CVT 226</td>
<td>CVT 230</td>
<td></td>
</tr>
<tr>
<td>*CVT 102</td>
<td>CVT 223</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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 2018 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.

8/31/17
KJW/ vg