

GRCC

CARDIOVASCULAR TECHNOLOGY PROGRAM

PROGRAM INFORMATION

Cardiovascular technologists (CVT) are highly skilled professionals trained to work alongside cardiologists to perform invasive diagnostic and therapeutic cardiovascular procedures. In this program, students will gain the skills to become a registered cardiovascular invasive specialist including prepping the patient, monitoring patient vitals and hemodynamics during procedures, and scrubbing into the sterile field to assist the physician with equipment and tools.

PAY

According to O*NET Online, the average annual salary for a cardiovascular technologist in Michigan is \$61,370.



grcc.edu/CVT
(616) 234-3154

ABOUT THE CONSORTIUM

The CVT program is offered through a partnership with other Educational Programs in Collaboration (EPiC) consortium. Each college enrolls students in the program under their admission criteria and each awards the degree according to that college's completion requirements. The host college for this program is GRCC.

Students in the program complete CVT courses delivered in an online environment by one of the EPiC colleges. Clinical education courses are arranged through the EPiC Consortium's educational coordinator in collaboration with the CVT departments of affiliating hospitals.

Throughout the program, students are provided with hands-on experience in cooperation with various hospitals. Graduates of the program are eligible to sit for the National Board Certification Examination to become a Registered Cardiovascular Invasive Specialist (RCIS) administered by Cardiovascular Credentialing International (CCI).

IN PARTNERSHIP WITH



PROGRAM COURSEWORK

FIRST SEMESTER

- CVT 105 Orientation to Patient Care (2 Credits)
- CVT 100 Cardiovascular Anatomy and Physiology (3 Credits)
- CVT 110 Cardiovascular Diagnostic Procedures and Lab (4 Credits)
- CVT 115 Rhythm and ECG (1 Credit)
- CVT 120 Hemodynamics (2 Credits)

SECOND SEMESTER

- PL 206 Biomedical Ethics or College Equivalent (3 Credits)
- CVT 112 Cardiovascular Interventional Procedures and Lab (4 Credits)
- CVT 215 Radiation Physics and Protection (4 Credits)
- CVT 130 Clinical Practicum I (3 Credits)

THIRD SEMESTER

- CVT 205 Cardiovascular Pharmacology (1 Credit)
- CVT 207 Intro to Electrophysiology (2 Credits)
- CVT 230 Clinical Practicum II (4 Credits)

FOURTH SEMESTER

- CVT 210 Cardiovascular Advanced Interventional Procedures (1 Credit)
- CVT 211 Cardiovascular Pathophysiology (3 Credits)
- CVT 220 Critical Care Applications (3 Credits)
- CVT 231 Clinical Practicum III (4 Credits)
- CVT 240 CVT Board Preparation (1 Credit)

*Semesters will also include general education courses and other courses that may be required by college of attendance.

CERTIFICATION EXAM

Upon successful completion of the CVT Program, students will be eligible to sit for the registered cardiovascular invasive specialist exam. This program focuses on invasive cardiology and provides students with the necessary skills and knowledge in order to become an RCIS certified CVT. Students may apply for the exam through Cardiovascular Credentialing International.

More information may be found at: cci-online.org

FOR MORE INFORMATION CONTACT:

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