

**PRE- AND CO-REQUISITE COURSEWORK**

Course Number	General Education Core	Term/Planning Notes	Credits Required	Pre- / Co-Requisite
BIOL-101 <i>or</i> BIOL-107 <i>or</i> BIOL-200	General Biology I <i>or</i> Fundamentals of Microbiology <i>or</i> Microbiology	Completed within 10 years of the first clinical course	4	Prerequisite
BIOL-203	Anatomy & Physiology I	Completed within 5 years of the first clinical course	4	Prerequisite
BIOL-204	Anatomy & Physiology II	Completed within 5 years of the first clinical course	4	Prerequisite
PHYS-101	Technical Physical Science <i>or</i> equivalent	Completed within 10 years of the first clinical course	4	Prerequisite
Math Core: MATH-132 <i>or</i> MATH-138 <i>or</i> MATH-141	Math Core: Topics in Mathematical Literacy <i>or</i> Statistics <i>or</i> College Algebra <i>or</i> higher		3-4	Prerequisite
ENGL-121	College Composition		3	*Co-Requisite
SOCI-101	Introduction to Sociology		3	*Co-Requisite
COMM-101 <i>or</i> COMM-105 <i>or</i> COMM-110	Speech Requirement		3	*Co-Requisite

*\*Although not required, it is recommended that co-requisites are completed prior to enrollment into clinical courses.*

**CLINICAL COURSEWORK**

Course Number	Course	Credits	Term
CARD-120	Rhythm Analysis and 12 Lead ECG	2	Spring first 7 wk
CARD-121	Cardiovascular Assessment Skills Lab	3	Spring second 7 wk
CARD-122	Cardiac Anatomy and Pathophysiology	3	Spring first 7wk
CARD-123	Hemodynamics	3	Spring second 7 wk
CARD-124	X-Ray Theory for Cardiovascular Technology	3	Summer
CARD-201	Cardiovascular Pharmacology	2	Summer
CARD-220	Cardiovascular Procedures	2	Fall first 7 wk
CARD-221	Diagnostic and Interventional Procedures in CVT	5	Fall 15 week
CARD-231	Applied Clinical Practicum	3	Fall second 7 wk
CARD-222	Advanced Intravascular Interventional Procedures	2	Spring 15 wk
CARD-223	Registry Exam Prep	2	Spring 15 wk
CARD-261	Clinical Internship	7	Spring 15 wk
Total Program Credits:		65-66	

**As of Fall 2022, ALL students are required to show proof of health insurance. HCC does not provide or sponsor health insurance for students.**

### ADMISSION REQUIREMENTS:

- If not already an accepted student to Howard Community College (HCC), please submit HCC's online application for admission, [Apply for Credit Programs](#). Select the CVT-Invasive Technologist area of study, as well as the program code —114.
- Submit official college transcript(s) and [Transcript Evaluation Request Form](#), if transferring courses from other academic institution/s.
- Submit the Cardiovascular Technology-Invasive Technologist Supplemental Application with one-time fee of \$25 and two documents verifying residency (*Howard County residents only*). **The online application for Spring admission may be found at your application account between June 15 and November 15.**
- All pre- and co-requisite courses must be completed with a 'C' or higher unless otherwise stated.
- Achieve a cumulative HCC GPA of **2.0 or higher**.

### SELECTION OF STUDENTS:

- Randomized digital lottery systems are held whenever the number of qualified new applicants exceeds the number of available seats.
- **Priority is given to applicants with pre- and co-requisites completed by application deadline.**
- Within the lottery, students are selected in the following order:
  1. Howard County residents
  2. In-state, out-of-county residents
  3. Out-of-state residents
- Applicants are randomly selected and each qualified applicant is offered a seat or assigned a waitlist number based upon order of selection.
- As seats become available, waitlisted students will be admitted into the program.
- A waitlist will be maintained, but will not roll over to the next year. Students on the waitlist who do not receive a seat will need to submit a new supplemental application during the next application period.

### PROGRAM ACCREDITATION:

The Cardiovascular Technology Program is accredited by the Joint Review Committee on Education in Cardiovascular Technology, 1449 Hill Street, Whitinsville, MA 01588-1032, 978-456-5594, <http://www.jrccvt.org>.

### QUESTIONS:

Admissions email: [admissions@howardcc.edu](mailto:admissions@howardcc.edu) or visit the Office of Admissions located in the RCF Building.

### PLEASE NOTE:

A Drug Screening and Criminal Background Check will be required prior to enrollment in any nursing/allied health clinical course in order to ensure the safety of patients in the clinical setting. Students who do not comply with the drug screening and criminal background check are ineligible for placement in clinical agencies and therefore are not able to progress in the clinical nursing/allied health program. Students with a criminal background may be unable to progress in the clinical nursing/allied health program. It is the students' responsibility to know whether they are eligible for licensure. If a student has a criminal background, it is the students' responsibility to explore whether the background will prohibit them from being licensed and employed in the health care industry. HCC faculty and staff are NOT able to provide legal advice. If you have any questions about your existing criminal background, you may wish to discuss this with legal counsel.

The college reserves the right to change unilaterally, without notification, any requirement, fee or program if it is deemed necessary.