



AS 3510 Cardiovascular Technology – Invasive
Effective Fall 2018

66 Credits

This is an overview of the program. Any suggested course sequencing is meant to serve as a guideline for your semester planning. Students are expected to see your assigned advisor to develop and review their individual educational plans. The scheduling of courses, program sequencing and curriculum are subject to change.

Developmental Courses (as determined through College Placement Testing)* and Prerequisites:

** Zero level courses must be completed with a C grade or higher.*

<input type="checkbox"/>	ESL classes	<input type="checkbox"/>	Engl 050	<input type="checkbox"/>	Math 006	<input type="checkbox"/>	Math 033	<input type="checkbox"/>	Biol 108/111/115
<input type="checkbox"/>	Engl 002	<input type="checkbox"/>	Engl 051	<input type="checkbox"/>	Math 090	<input type="checkbox"/>	Math 044	<input type="checkbox"/>	Chem 100
<input type="checkbox"/>	Engl 003	<input type="checkbox"/>	Engl 057	<input type="checkbox"/>	Math 008	<input type="checkbox"/>	Math 045		
<input type="checkbox"/>	Engl 007			<input type="checkbox"/>	Math 022 *	<input type="checkbox"/>	Math 055		

*See counselor/advisor to discuss this course or options to self-remediate and successfully place into higher- or college-level course.

General Education Courses

ENGL 101	3 cr	Pre-req: Placement through the College Testing and Placement Program or completion of ENGL 007, 051 or 057 with a grade of C or higher; ENGL 003 is a Pre or Co-requisite
ENGL 102	3 cr	Pre-req: ENGL 101 with a grade of C or higher and completion of ENGL 003, 007, or 057 with a grade of C or higher, or its equivalent.
COMM 101 OR COMM 203	3 cr	Effective Speaking – Pre-req: eligibility for enrollment into ENGL 101 and completion of any reading courses as required by the College Testing and Placement Program OR Interpersonal Communication - Pre-req: ENGL 101 with a grade of C or higher
Humanities and Arts	3 cr	Choose one of the following: ART 181, ART 182, ENGL 206, HUM 101, HUM 115, HUM 201, MUS 104, PHIL 200, THTR 101, SPAN 104, or Foreign Language
Social and Behavioral Science	3 cr	Any Core B
MATH 111	3 cr	Principles of Mathematics– Pre-req: MATH 008 & 022 (or MATH 010) with a grade of C or higher or placement through the College Testing and Placement Program
BIOL 121 <i>Must be completed prior to submitting a clinical application</i>	4 cr	Anatomy & Physiology I - Pre-req: completion of developmental reading and writing; High school academic biology and chemistry or HACC equivalent (BIOL 108/111/115; CHEM 100)
BIOL 122	4 cr	Pre-req: BIOL 121 with a grade of C or higher
Wellness	1 cr	See course schedule for a list of Wellness courses
FYS – CVT 100 <i>Must be completed prior to submitting a clinical application</i>	3 cr	Foundations of Cardiovascular Medicine, Pre-req: ENGL 003, 007, or 057 with a grade of C or higher

Required Program Courses

CVT 101 <i>Must be completed prior to submitting a clinical application</i>	3 cr	Introduction to Cardiovascular Technology	Pre-req: Prerequisite: BIOL 111 or 121 and MATH 022 or 020 with a grade of C or higher. Corequisite: CVT 102. Pre/Corequisite: CVT 100 with a grade of C or higher
CVT 102 <i>Must be completed prior to submitting a clinical application</i>	1 cr	Cardiovascular Technology Laboratory	Pre-req: Prerequisite: BIOL 111 or 121, CVT 100, & MATH 022 or 020 with grades of C or higher Corequisite: CVT 100 and 101 with grades of C or higher

CVT 103 <i>Must be completed prior to the start of clinicals</i>	2 cr	Cardiovascular Technology Clinical Experience 2	Pre-req: CVT 101 and 102 with grades of C or higher
CVT 200	4 cr	Cardiac Pathophysiology	Pre-req: CVT 101, 102, 103; and BIOL 122 with grades of C or higher
CVT 210	3 cr	Introduction to Invasive Cardiovascular Technology	Pre-req: CVT 200 with a grade of C or higher. Corequisite: CVT 211, 212, and 213
CVT 211	2 cr	Radiation Safety and Invasive Instrumentation	Pre-req: CVT 200 with a grade of C or higher. Corequisite: CVT 210 and 212
CVT 212	3 cr	Invasive Hemodynamic Assessment	Pre-req: CVT 200 with a grade of C or higher. Corequisite: CVT 210, 211, and 213
CVT 213	2 cr	Invasive Instrumentation Laboratory	Pre-req: CVT 200 with a grade of C or higher. Corequisite: CVT 210, 211, and 212
CVT 214	4 cr	Interventional Cardiac Practices	Pre-req: CVT 213 with a C or higher. Corequisite: CVT 215
CVT 215	4 cr	Invasive Cardiovascular Clinical I	Pre-req: CVT 213 with a grade of C or higher. Corequisite: CVT 214 and CVT 216
CVT 216	1 cr	Congenital Heart Disease	Pre-req: CVT 213 with a C or higher. Corequisite: CVT 214 and 215
CVT 217	5 cr	Invasive Cardiovascular Clinical II	Pre-req: CVT 214, 215, and 216 with grades of C or higher
CVT 218	2 cr	Cardiovascular Pharmacology	Pre-req: BIOL 122 with a grade of C or higher

Advising Notes

- Students must meet with their assigned counselor/advisor to discuss an educational plan.
- * Completion of **MATH 022** is required to apply to clinicals. MATH 022 is a pre-requisite to MATH 111.
- MATH 033, MATH 044, and MATH 055 are required if CHEM 100 is required for the pre-requisite to BIOL 121.
- All developmental coursework must be completed prior to submitting an application.
- C grade or better is required for developmental, CVT and BIOL 121, BIOL 122 courses.
- Students are required to complete CVT 100, CVT 101, CVT 102 prior to starting clinicals.
- Most recent admission criteria can be located at www.hacc.edu/healthcareers

Primary Advisor / Program Director: Kristy Werkheiser, 717-358-2872, kjwerkhe@hacc.edu
Counselor/Advisor Contact Information by Campus:

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