

The Associate in Science (A.S.) in Cardiovascular Technology degree program provides students with an organized curriculum that includes required general education classes and required core professional classes for the invasive and noninvasive cardiovascular curriculum. The registered cardiovascular invasive specialist and the registered cardiac sonographer/registered diagnostic cardiac sonographer are vital members of cardiovascular teams.

Their primary role is to assist physicians during diagnostic and interventional cardiovascular procedures, monitor patients' hemodynamic status during the procedure and operate specialized imaging equipment with consideration to radiation dose and safety. In noninvasive cardiology, their role is to perform and assist in noninvasive cardiac procedures such as echocardiograms, exercise treadmill testing, stress echocardiograms and other diagnostic cardiac examinations.

Beginning in Summer 2022, students will enter the prerequisite phase of the program (conditional offer) until they complete all admissions requirements.

Please note that admission to the professional-level Cardiovascular Technology courses/program is highly competitive.

## **Program Requirements**

### **Prerequisites**

The following courses must be completed with a grade of C or better before the application deadline.

- Humanities Credit Hours: 3
  - ARH 2000-Art in the Humanities 3
  - or PHI 2010-Philosophy in the Humanities 3
  - or MUL 2019-Music in the Humanities 3
  - or LIT 2000 Literature in the Humanities 3
  - or HUM 2020-Topics in the Humanities 3
  - or THE 2000-Theatre in the Humanities 3

- Social and Behavioral Sciences Credit Hours: 3
  - POS 2041 – American Federal Government 3
  - or AMH 2020 – United States History From 1877 to the Present 3
- BSC 2085C - Human Anatomy and Physiology I 4
- ENC 1101 - English Composition I 3
  - **or** ENC 1101C - English Composition I Enhanced 4
  - **or** ENC 1102 - Writing About Texts 3
- MAC 1105 - College Algebra 3
  - **or** higher-level MAC prefix course
  - **or** MAP 2302 - Differential Equations 3
  - **or** MGF 1106 - Topics in College Mathematics 3
  - **or** MGF 1107 - Explorations in Mathematics 3
  - **or** STA 2023 - Elementary Statistics 3

Please review this checklist. If you answer yes to **every** applicable item and have submitted transcripts to support your course completions, you could be ready for review and ranking for consideration for admittance to the professional phase of the Cardiovascular Technology program.

## CHECKLIST

- Submit official non-FSCJ transcripts to the College before the published application deadline for the term you wish to begin.
- Submit official A.P., I.B., AICE, CLEP and/or DSST score reports to the College before the published application deadline for the term you wish to begin (A.P. – Advanced Placement, I.B. – International Baccalaureate, AICE – University of Cambridge)
- Complete the following courses with a grade of "C" or better by the published program deadline for the term you wish to begin. A GPA of 2.0 must be maintained.
  - Humanities Credit Hours: 3
    - ARH 2000-Art in the Humanities 3
    - or PHI 2010-Philosophy in the Humanities 3
    - or MUL 2019-Music in the Humanities 3
    - or LIT 2000 Literature in the Humanities 3
    - or HUM 2020-Topics in the Humanities 3

- or THE 2000-Theatre in the Humanities 3
  - Social and Behavioral Sciences Credit Hours: 3
    - POS 2041 – American Federal Government 3
    - or AMH 2020 – United States History From 1877 to the Present 3
  - BSC2085C - Human Anatomy and Physiology I 4
  - ENC 1101 - English Composition I 3
    - **or** ENC 1101C - English Composition I Enhanced 4
    - **or** ENC 1102 - Writing About Texts 3
  - MAC 1105 - College Algebra 3
    - **or** higher-level MAC prefix course
    - **or** MAP 2302 - Differential Equations 3
    - **or** MGF 1106 - Topics in College Mathematics 3
    - **or** MGF 1107 - Explorations in Mathematics 3
    - **or** STA 2023 - Elementary Statistics 3
- Submit any additional documents (if applicable) to support your application the HCIC at [HCIC@FSCJ.edu](mailto:HCIC@FSCJ.edu) by the application deadline.
  - Health related work experience verification letters should include the following:
    - Typed on company letterhead with title of health related job
    - Dates of employment
    - Health related duties
    - Number of hours worked per week
  - CPR/BLS Provider card from the **American Heart Association**
  - Volunteer Experience (Does not need to be cardiac or health related)
    - Typed on company letterhead
    - Date(s) of volunteer service
    - Number of hours volunteered (must be a minimum of 8 hours)
  - Emails containing supporting documents should be sent to the [HCIC@FSCJ.edu](mailto:HCIC@FSCJ.edu) email address and contain the following
    - Program of study, term, and application attachment in the subject line
    - Student name and ID number in the body of the message
    - Documents included as attachments

If you answered no to any of the above checklist items, please meet with an academic advisor to discuss your education plan and next steps.

## COMPETITIVE REVIEW PROCESS

Students are ready for review by the admissions committee upon completion of all checklist requirements. The committee uses the Associate in Science in Cardiovascular Technology Ranking Criteria below to review and rank candidates for admittance consideration. Please note that the admission process is highly competitive.

Grade Point Average: Applicants must earn a grade of C or better in each prerequisite course and have an overall minimum prerequisite GPA of 2.0. Completion of General Education coursework will allow applicants to achieve additional points.

Cardiovascular Technology Ranking Rubric			Max Points
<b>Overall Cumulative GPA (Minimum requirement 2.0)</b>			<b>20</b>
Overall GPA	Points		
2.0 - 2.49	1		
2.50 - 2.99	7		
3.0 – 3.49	13		
3.5 – 4.0	20		
<b>A grade of 'C' or better in all required CVT prerequisite courses</b>			<b>80</b>
Course Grade	Points		
A	5 Per Credit Hour		
B	3 Per Credit Hour		
C	1 Per Credit Hour		
<b>Required Prerequisite Courses:</b>			
Course Title	Course Code	Credit Hours	
English Composition I	ENC 1101	3	
Human Anatomy & Physiology I	BSC 2085C	4	
Mathematics	MAC 1105 or Higher-level MAC prefix, or MAP 2302, or MGF 1106 or MGF 1107 or STA 2023	3	
United States History From 1877 to the Present <b>or</b> American Federal Government	AMH 2020 <b>or</b> POS 2041	3	
Humanities	ARH 2000 or PHI 2010 or MUL 2010 or LIT 2000 or HUM 2020 or THE 2000	3	
<b>Bonus Points</b>			
<b>General Education &amp; Professional Courses: <i>Not required prerequisites</i></b>			<b>35</b>
Course Title	Course Code	Credit Hours	
Medical Terminology	HSC 1531	3	
Human Anatomy & Physiology II	BCS 2086C	4	
<b>Previous Degree</b>		Points	<b>10</b>
Associate in Arts		3	
Baccalaureate		7	
Master's Degree or Higher		10	
<b>CPR Certification for Health Care Providers</b>			<b>5</b>
American Heart Association Only		Points	

CPR/BLS Provider Card	5	
<b>Health Related Work Experience</b>		<b>8</b>
<b>Hours</b>	<b>Points</b>	
< 6 Months	2	
6 - 12 Months	4	
12 - 24 Months	6	
> 24 Months	8	
<b>Volunteer Experience</b>		<b>2</b>
<b>Points</b>		
(> 8 Hours)	2	
<b>Total Possible Points</b>		<b>160</b>