FSCJ Florida State College at Jacksonville

# Cardiovascular Technology (2125)

ASSOCIATE IN SCIENCE | College Catalog Year: 2024-25

## About the Program

The Associate in Science (A.S.) Degree in Cardiovascular Technology prepares students to assist cardiologists in the diagnostic and treatment processes directed at heart and vascular disease.

Students may focus one of the following areas: Adult Echocardiography or Invasive Cardiology.

This program requires a **minimum of 77 credit hours**. Total program hours may vary based on the student's individual academic degree plan. This program **is eligible** for financial aid.

## Program Accreditation

The Cardiovascular Technology program is accredited in Invasive Cardiology and Adult Echocardiography by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of Joint Review Committee on Education in Cardiovascular Technology. The Commission on Accreditation of Allied Health Education Programs (CAAHEP) can be contacted at 9355 113th St. N. #7709, Seminole, FL 33775, (727) 210-2350 or https://www.caahep.org/.

## Program Requirements

**This is a Limited Access Program.** Students must follow the program application procedure and fulfill all requirements outlined in the college catalog. **Prerequisite courses** include:

- One General Education Mathematics course
- ENC 1101 - English Composition I **or** ENC 1101C - English Composition I Enhanced **or** ENC 1102 - Writing About Texts
- BSC 2085C - Human Anatomy and Physiology I
- One General Education Humanities Core course
- AMH 2010 - United States History to 1877 **or** AMH 2020 - United States History from 1877 to the Present **or** POS 2041 - American Federal Government

***See the ***program requirements*** for general education course options.*

The **application deadline** is February 15 of each year with classes starting in the summer term.

## Important for You to Know

**This academic roadmap does not include** developmental education courses in reading, writing, and/or mathematics or other prerequisite courses that you may be required to take. In addition, it does not include program graduation requirements.

The program instruction is consistent with curriculum frameworks as administered by the Florida Department of Education. Graduates are eligible to take national certification examinations.

**Note:** If you are considering employment in a state other than Florida, please visit https://www.fscj.edu/academics/license-disclose to determine if this program will meet the selected state's educational requirements to sit for licensure or certification testing.

## Additional Information

⇒ **Program Information**, including advisor contact details: https://www.fscj.edu/2125.

⇒ **Associate in Science Degree Information**, including graduation requirements: https://catalog.fscj.edu/academics/degree-certificate-programs/associate-in-science-degrees.

⇒ ***Program Requirements:** https://catalog.fscj.edu/programs/2125.

⇒ **Math Pathways Information**: https://catalog.fscj.edu/academics/math-pathways.

## Sample Roadmap

This sample roadmap shows one possible pathway to program completion and may not be appropriate for all students.

Prior to enrolling in classes, please **meet with an advisor** for specific guidance about your individual academic degree plan. Some courses are offered only once per year; advising is critical for course progression.

**See the **program requirements** for specialization course options.*

This program includes a **Mathematical Thinking in Context math pathway.** This pathway is intended for students in the broadest range of programs of study. In this pathway, students will explore a variety of mathematical concepts utilizing multiple ways of thinking to formulate and solve problems in context.

### Term 1

| Course | Credits |
|---|---|
| CVT 1000 - Introduction to Cardiovascular Technology | 2 |
| CVT 1610 - Ultrasound Physics, Radiation, and Safety | 3 |
| CVT 1261C - Cardiovascular Anatomy & Physiology | 4 |
| CVT 2500C - EKG Interpretation w/Lab | 3 |

### Term 2

| Course | Credits |
|---|---|
| CVT 1200 - Cardiovascular Pharmacology | 1 |
| CVT 2620C - Non-Invasive Cardiology I w/Lab | 4 |
| CVT 2420C - Invasive Cardiology I w/Lab | 4 |
| CVT 2320C - Peripheral Vascular I w/Lab | 3 |
| CVT 2800 - Cardiovascular Pre-Practicum | 1 |

### Term 3

| Course | Credits |
|---|---|
| Specialization course | 3 |
| Specialization course | 3 |
| Specialization course | 4 |
| CVT 2840L - Cardiovascular Practicum I | 1 |

### Term 4

| Course | Credits |
|---|---|
| CVT 2841L - Cardiovascular Practicum II | 10 |
| CVT 2920 - Cardiovascular Capstone I | 2 |

### Term 5

| Course | Credits |
|---|---|
| CVT 2842L - Cardiovascular Practicum III | 10 |
| CVT 2930 - Cardiovascular Capstone II | 2 |