

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.

Cardiovascular Technology is a highly skilled, fast-paced specialty, requiring critical thinking vital to a patient's diagnosis and treatment of cardiovascular disease. The field is expanding rapidly because of the increase in middle-aged and elderly populations nationally as well as in Northeast Florida.

<input checked="" type="checkbox"/> Task
<input type="checkbox"/> Explore career resources at <a href="https://fscj.edu/student-services/career-development">fscj.edu/student-services/career-development</a> .
<input type="checkbox"/> Meet with your advisor each term.
<input type="checkbox"/> Fulfill the Civic Literacy requirement.
<input type="checkbox"/> Satisfy the associate in science degree graduation requirements.

## Career Options

Graduates from the Cardiovascular Technology Program will find employment in hospital cardiac catheterization labs, echocardiography labs, outpatient cardiovascular labs, cardiology offices, and other industry-related facilities.

**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 requirements to sit for licensure or certification testing.

## 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/>.

## Advising

(904) 646-2300 or [hcic@fscj.edu](mailto:hcic@fscj.edu).

## Sample Roadmap

This roadmap provides general guidance about required courses. For specific guidance about your individual academic degree plan, please see an advisor. Also refer to the College Catalog and class schedules for additional information.

A minimum grade of C or higher must be achieved in all professional and elective courses, as well as courses used to satisfy the general education and civic literacy requirements. Professional Courses for the Cardiovascular Technology program are offered on campus.

### Prerequisites

The following courses must be taken before program admission. Refer to the online class schedule for terms offered and available modalities

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours
<input type="checkbox"/>	ENC 1101: English Composition I or ENC 1101C: English Composition I Enhanced or ENC 1102: Writing About Texts	3-4
<input type="checkbox"/>	BSC 2085C: Human Anatomy and Physiology I	4
<input type="checkbox"/>	MAC 1105: College Algebra or higher-level MAC prefix course or MAP 2302: Differential Equations or MGF 1106: Topics in College Mathematics or MGF 1107: Explorations in Mathematics or STA 2023: Elementary Statistics	3
<input type="checkbox"/>	AMH 2020: United States from 1877 to the Present or POS: 2041: American Federal Government	3
<input type="checkbox"/>	ARH 2000: Art in the Humanities or PHI 2010: Philosophy in the Humanities or MUL 2010: Music in the Humanities or LIT 2000: Literature in the Humanities or HUM 2020: Topics in the Humanities or THE 2000: Theatre in the Humanities	3

### Term 1: Summer

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours
<input type="checkbox"/>	CVT 1000: Introduction to Cardiovascular Technology	2
<input type="checkbox"/>	CVT 1610: Ultrasound Physics, Radiation, and Safety	3
<input type="checkbox"/>	CVT 1261C: Cardiovascular Anatomy and Physiology	4
<input type="checkbox"/>	CVT 2500C: EKG Interpretation w/Lab	3

### Term 2: Fall

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours
<input type="checkbox"/>	CVT 1200: Cardiovascular Pharmacology	1
<input type="checkbox"/>	CVT 2620C: Non-Invasive Cardiology I w/Lab	4
<input type="checkbox"/>	CVT 2420C: Invasive Cardiology I w/Lab	4
<input type="checkbox"/>	CVT 2320C: Peripheral Vascular I w/Lab	3
<input type="checkbox"/>	CVT 2800: Cardiovascular Pre-Practicum	1

## Important for You to Know

This academic roadmap does not include **developmental education courses** in reading, writing, and/or mathematics that you may be required to take. Students who place into developmental education courses are required to complete designated developmental education courses with a grade of C or higher regardless of program of study. In addition, it does not include **MAT 1033: Intermediate Algebra**, which, for many students, is a prerequisite course for MAC 1105.

### Term 3: Spring

Students must choose a specialty in Invasive or Non-Invasive (Echocardiography) prior to enrolling in Term 3 courses.

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours
<input type="checkbox"/>	Adult Echocardiography Specialization: CVT 2621C: Non-Invasive Cardiology II w/Lab <b>or</b> Invasive Cardiology Specialization: CVT 2421C: Invasive Cardiology II w/Lab	4
<input type="checkbox"/>	Adult Echocardiography Specialization: CVT 2321C: Peripheral Vascular II w/Lab <b>or</b> Invasive Cardiology Specialization: CVT 2425C: Advanced Cardiovascular Procedures	4
<input type="checkbox"/>	Adult Echocardiography Specialization: CVT 2427C: Advanced Cardiovascular Procedures in Echocardiography <b>or</b> Invasive Cardiology Specialization: CVT 2211C: Critical Care Applications	3
<input type="checkbox"/>	CVT 2840L: Cardiovascular Practicum I	1

### Term 4: Summer

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours
<input type="checkbox"/>	CVT 2841L: Cardiovascular Practicum II	10
<input type="checkbox"/>	CVT 2920: Cardiovascular Capstone I	2

### Term 5: Fall

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours
<input type="checkbox"/>	CVT 2842L: Cardiovascular Practicum III	10
<input type="checkbox"/>	CVT 2930: Cardiovascular Capstone II	2

## Total Program Credit Hours

The **Cardiovascular Technology** A.S. degree program requires a **minimum of 77 credit hours**. Total program hours may vary based on the student's individual degree plan. Please see an advisor for individual guidance. This program **is eligible** for financial aid.

## Program Learning Outcomes

Upon completing this program, students will be able to demonstrate proficiency in the following program learning outcomes:

- Seek employment in their specialty area at an entry-level position providing quality services in a variety of healthcare settings serving clients across the lifespan.
- Sit for the national certification examination for Invasive Cardiology or Adult Echocardiography with CCI or ARDMS.
- Articulate the role as an Invasive Cardiovascular Specialist or Cardiovascular Sonographer and the scope of cardiovascular care practices.
- Demonstrate entry-level competencies in technical skills and application of theoretical principles required for intervention within the specialty area scope of practice.
- Demonstrate a basic appreciation for the research process and evidence-based practice.
- Incorporate professionalism through life-long learning and ethical practice.
- Exhibit leadership, in both thought and action, as a motivating role model of the profession and society.