

CARDIOVASCULAR TECHNOLOGY

Cardiovascular Technology (CVT) is an adult cardiac sonography allied health profession, concerned with the diagnosis and treatment of patients with cardiac disease. The cardiac sonographer performs exams at the request of a physician, to obtain information about the patient's heart anatomy and function, in order for the physician to make a diagnosis. The cardiac sonographer performs these studies and electrocardiographic (ECG) procedures. The information obtained from these clinical studies is used by the cardiologist to evaluate patients for cardiovascular disease, and to design comprehensive treatment plans. Cardiac sonographers perform the studies, operate various electronic instruments, prepare preliminary reports, and calculate clinical information for interpretation by the cardiologist. The CVT Program provides the necessary classroom and clinical courses to allow graduates to work as cardiac sonographers and/or ECG specialists.

Specifically, the program objectives include:

- Graduate qualified ECG specialist
- Graduate qualified Adult Cardiac Sonographer who obtain RDMS from ARDMS or RCS from CCI registry
- Provide an adequate number of graduates to meet community needs

After completing the first year of program enrollment, the student will receive the Certificate of Achievement as an ECG Specialist (Technician).

With this certificate, students may obtain employment as an ECG Technician (Specialist).

Upon completion of this two-year program, students will be awarded an Associate in Science degree in Cardiovascular Technology (CVT). The Cardiovascular Technology (CVT) program is fully accredited through the Joint Review Committee on Education of Cardiovascular Technology (JRC-CVT) through the Commission on Accreditation of Allied Health Education Programs (CAAHEP)

Program Admission

ALH A010 Health Occupations course – application and orientation.

The student must complete the General Education requirements for an Associate in Science Degree and the program prerequisites prior to acceptance to the program.

Department Contact Information

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Cardiovascular Technology Department (<https://orangeoastcollege.edu/academics/consumer-health/allied-health/cardiovascular-technology/>)

- American Society of Echocardiography (ASE) www.asecho.org (<https://www.asecho.org/>)
- American Registry for Diagnostic Medical Sonography (ARDMS) www.ardms.org (<https://www.ardms.org/>)
- Society of Diagnostic Medical Sonography (SDMS) <https://www.sdms.org/>
- Commission for Accreditation of Allied Health Education Programs (CAAHEP) <https://www.caahep.org/>

- Cardiovascular Credentialing International (CCI) www.cci-online.org (<http://cci-online.org/>)
- Cardiovascular Technology, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/cardiovascular-technology/cardiovascular-tech-as/>)
- Electrocardiography Technician, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/cardiovascular-technology/electrocardiography-technician-certificate-achievement/>)