



Program Map

Diagnostic Medical Imaging - Radiology: Cardiovascular Interventional Radiology

Certificate: Advanced Technology Certificate (ATC)



HEALTH SCIENCES

Program Description: This certificate program provides classroom and clinical instruction in diagnostic and interventional cardiovascular-interventional radiography. Completion of the prescribed curriculum will help prepare the student for the Cardiac-Interventional (CI) Radiography Registry Examination administered by the American Registry of Radiologic Technologists (ARRT).

The CI credential will enable you to qualify for positions in Cardiac catheterization laboratories nationwide. For additional certification and continuing education requirements visit the ARRT website at:
<https://www.rrt.org/about-the-profession/rrt-certification-and-registration>.

Students working toward admission into a Health Sciences Program are required to declare General Studies in Pre-Health Sciences degree as their major until they are officially accepted into a program.

Admission to the College does not guarantee admission to a specific health science program of study as these programs have additional requirements that must be met. The following items are required by health sciences programs, but deadlines may vary by program. Please see division and program websites for specific details.

- Completed and submitted immunizations prior to submitting an application
- Proof of health insurance
- Criminal background check
- Drug screen
- Current CPR (Cardiopulmonary Resuscitation) American Heart Association (AHA) Basic Life Support (BLS) for Healthcare providers
- Completed health data form
- Verification of annual tuberculosis status
- Completed program information session

Use this Program Map to choose courses with your college advisor and track your progress towards milestones and completion of program.

Contact:
Health Sciences
www.austincc.edu/health

Eastview Campus:
Phone: 512.223.5700
or toll-free 888.626.1697

Round Rock Campus:
Phone: 512.223.0220
Email: healthsciences@austincc.edu

Department Website:
www.austincc.edu/health/radr/ci

Pre-Degree Requirements		
Program Specific	Reading and Writing Placement <i>Placements based on TSI</i>	Mathematics Placement <i>Placements based on TSI</i>
<p>This certificate program ONLY begins in the Fall Semester.</p> <p>Radiology-Associate of Applied Science degree must be completed prior completing Advanced Technical Certificate.</p> <p>Technical Standards: Health Sciences programs establish technical standards and essential functions to insure that students have the abilities required to participate and potentially be successful in all aspects of the respective programs. Students are required to meet published technical standards and essential functions for the program. See specific program website for details: www.austincc.edu/health/radr.</p> <p>Additional Requirements: Each program has specific admission requirements. See program website for detailed information: www.austincc.edu/health/radr.</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Basic Developmental Courses <input type="checkbox"/> ESOL Courses <input type="checkbox"/> INRW Courses 	<ul style="list-style-type: none"> <input type="checkbox"/> MATD-0332 - Basic Math Skills <input type="checkbox"/> MATD-042x/032x – ALEKS Sequence <input type="checkbox"/> MATD-0385/0485 – Developing Mathematical Thinking <i>Not prerequisite for MATH-1314/1324</i> <input type="checkbox"/> MATD-0370 – Elementary Algebra <input type="checkbox"/> MATD-0390 – Intermediate Algebra <i>Take MATD-0370 and 0390 to prepare for MATH-1314/1324</i>

SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS

Plans can be modified to fit the needs of part-time students by adding more semesters

ATC	Semester 1	CR	Advising Notes
●	CVTT 1304 - Cardiovascular Anatomy and Physiology	3	
●	CVTT 1313 - Catheterization Lab Fundamentals	3	
●	CVTT 2460 - Clinical – Cardiovascular Technology/Technologist	4	
		10	Program Semester Hours / Meet with your advisor
Semester 2			
●	CVTT 1350 - Cardiac Catheterization II	3	
●	CVTT 1340 - Cardiovascular Pathophysiology	3	
●	CVTT 2461 - Clinical – Cardiovascular Technology/Technologist II	4	
		10	Program Semester Hours / Meet with advisor
Semester 3			
●	CVTT 1110 - Cardiac Catheterization I	1	
●	CVTT 2462 - Clinical – Cardiovascular Technology/Technologist III	4	Capstone course. ACHIEVEMENT: Advanced Technical Certificate
		5	Program Semester Hours
Total Program Hours 25			

Please always check online at austincc.edu/catalog or meet with your academic or program advisor to ensure that you are viewing the latest and most accurate information.

Career & Transfer Resources

ACC's Career & Transfer websites provide detailed, guided information on career exploration and transfer.

www.austincc.edu/career

www.austincc.edu/transfer

For further information regarding this specific program, please see the Career & Transfer Resources supplement provided in the next section of this Program Map.

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Career & Transfer Resources Updated 8/18/17

Career Information

Cardiovascular-Interventional Technologists use sophisticated imaging techniques such as biplane fluoroscopy to help guide catheters, balloons, vena cava filters, stents or other tools through the body. Using these techniques, cardiovascular-related disease can be treated without open surgery. As a Cardiovascular Interventional Radiographer you will perform invasive diagnostic and interventional procedures alongside skilled cardiologists and nurses. You will help diagnose and treat a myriad of life threatening cardiac diseases, to include helping save the lives of people who are suffering from acute myocardial infarction.

Common Job Titles

Cardiovascular Technologists and Technicians (includes Cardiac Catheterization Laboratory Technologist, Cardiac Catheterization Technician, Cardiac Technician, Cardiology Technician, Cardiopulmonary Technician, Cardiovascular Technician, Cardiovascular Technologist (CVT), Electrocardiogram Technician (EKG Technician), Registered Cardiovascular Invasive Specialist (RCIS)

Regional Labor Market Information

Cardiovascular Technologists and Technicians: New workers generally start around \$31,613. Normal pay for Cardiovascular Technologists and Technicians is \$62,613 per year, while highly experienced workers can earn as much as \$91,808. Over the last year, 63 companies have posted 1,299 jobs for Cardiovascular Technologists and Technicians. In this region. There are currently 334 Cardiovascular Technologists and Technicians that are employed in Austin-Round Rock, TX.

Source: <https://austincc.emsicc.com/careers/cardiovascular-technologist-and-technician>

Career and labor market research tools (see Quick Reference Guide at <http://www.austincc.edu/career>):

EMSI: <https://austincc.emsicc.com/>, Bureau of Labor Statistics: <http://www.bls.gov/ooh/>, O*NET: <https://www.onetonline.org/>

Career Resources: ACC's career services website provides information on career exploration and employment at <http://www.austincc.edu/career>. Students are encouraged to consult with their area of study advisor for additional career assistance. The above information is provided as a guide and reference tool for occupations related to this program. This is not a guarantee of job placement in any of these occupations after successful completion of an ACC program. The common job titles listed are representative titles and are provided for career research. These are not the only occupations possible in this area of study.

Transfer Information

The Cardiovascular Interventional Radiology Advance Technology Certificate prepares students for the Cardiac-Interventional (CI) Radiography Registry Examination administered by the American Registry of Radiologic Technologists (ARRT) and prepares students to directly enter the workforce.

Additional Transfer Resources: ACC's transfer website provides information on additional colleges & universities:

<http://www.austincc.edu/transferguides>. Students are encouraged to consult with a faculty advisor, area of study advisor, and/or their chosen transfer institution to ensure courses taken at ACC will apply toward their bachelor's degree program.