

# VASCULAR SONOGRAPHY CERTIFICATE - CVT7

Vascular Sonography utilizes ultrasound to perform diagnostic testing on patients' arteries and veins. The vascular sonographer will utilize state-of-the-art equipment to interrogate the vessels, record images/measurements, and study hemodynamic data derived from vascular testing. Vascular Sonography is primarily used in the diagnosis of blood clots, blockages, and aneurysms. Upon diagnosis, these can be treated by a licensed physician or vascular surgeon.

**Admission:** To become eligible for entry into the Vascular Sonography Certificate major studies coursework, applicants must complete the following:

1. Must hold a sonography credential with American Registry of Diagnostic Medical Sonography (ARDMS) or Cardiovascular Credentialing International (CCI). (Examples: RDMS, RDMS, RCS, ACS, RCCS).
2. Minimum grade point average for the above courses of 2.5. A grade point average calculator can be found under the Application and Advising tab.
3. Good academic standing at the college.

Students are required to maintain a current American Heart Association "Basic Life Support" certification throughout the major studies courses. Major Studies Courses: Completion of the Certificate in Vascular Sonography requires two (2) semesters of major studies coursework.

## Requirements

Courses	Course Title	Credit Hours
<b>Required Course Information</b>		
CVT 130	Vascular Sonography I	3
CVT 131	Vascular Sonography Clinical I	6
CVT 132	Vascular Sonography II	3
CVT 133	Vascular Sonography Clinical II	4
Subtotal		16
Total Hours		16

## Graduation Plan

Enrollment in clinical coursework requires admission to the program. See Application and Advising section for more information.

### Spring Start

Course	Title	Hours
<b>First Year</b>		
<b>Spring Semester</b>		
CVT 130	Vascular Sonography I	3
CVT 131	Vascular Sonography Clinical I	6
	Hours	9

### Summer Semester

CVT 132	Vascular Sonography II	3
CVT 133	Vascular Sonography Clinical II	4
	Hours	7
	Total Hours	16

## Application and Advising

If you are ready to start your education, there are a few simple steps involved in enrolling at Piedmont Technical College.

Get Started Today (<https://www.ptc.edu/admissions/new-students/>)

## Program Requirements

The Vascular Sonography program is available for students who currently hold a sonography credential with American Registry of Diagnostic Medical Sonography (ARDMS) or Cardiovascular Credentialing International (CCI). (Examples: RDMS, RDMS, RCS, ACS, RCCS)

The program is first come first serve. Priority date is determined by admittance to the major.

Program Entry

Apply to the college and complete the enrollment process (<https://www.ptc.edu/admissions/new-students/>), which includes submitting a copy of a non-expired credentialing card from ARDMS and/or CCI

We've also provided additional resources below.

### GPA Calculator

There are minimum GPA requirements for program-ready coursework. The Program-Ready GPA Calculator can be used to calculate your GPA.

Use GPA Calculator ([https://websrv.ptc.edu/program\\_ready\\_gpa\\_calc/](https://websrv.ptc.edu/program_ready_gpa_calc/))

### Health Care FAQ

We strongly recommend that students review the Health Care Division FAQ to be fully aware of our program entry requirements.

Learn More (<https://www.ptc.edu/academics/schools-programs/health-care/program-ready-resources/health-care-faq/>)

## Current Student Program Resources

### Cardiovascular Technology Handbook

Cardiovascular Tech Handbook ([https://www.ptc.edu/sites/default/files/documents/new\\_healthcare\\_documents/cvt-handbook.pdf](https://www.ptc.edu/sites/default/files/documents/new_healthcare_documents/cvt-handbook.pdf))

### Health Care Division Handbook

This handbook is designed to be utilized in conjunction with the PTC Academic Catalog, PTC Student Calendar and Handbook and PTC Health Care webpages. Please refer to them for additional information.

Read the Handbook ([https://www.ptc.edu/sites/default/files/documents/new\\_healthcare\\_documents/hc-handbook.pdf](https://www.ptc.edu/sites/default/files/documents/new_healthcare_documents/hc-handbook.pdf))

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## Health Care Readmission

Health Care readmission students who fail or withdraw from a Health Care curriculum class must complete and submit a readmission application in order to be considered for readmission.

Complete the Form (<https://www.ptc.edu/health-care-readmission/>)

## Program Student Learning Outcomes

- Apply knowledge of vascular anatomy, physiology/hemodynamics, and pathophysiology to assess and analyze the vascular system with sonography.
- Demonstrate hands-on skill proficiency and good clinical decision-making to obtain quality vascular exams that document pathology adequately.
- Interpret vascular studies and provide an oral and written summary of findings.
- Explain miscellaneous vascular testing methods and recognize abnormalities.
- State effective procedures for continuing sonographic education after graduation and throughout the sonography career.