

# VASCULAR SONOGRAPHY, ADVANCED TECHNICAL CERTIFICATE

**Program Code:** VSTC  
**Meta-Major:** HSCI  
**Location(s):** Melbourne  
**Delivery Method(s):** On-Campus  
**Previous Degree Required:** Associate Degree  
**Eligible for Financial Aid:** No  
**Additional Limited Access Application Process Required:** Yes  
**Program Testing Requirements:**  
**Classification of Instructional Programs (CIP) Code:** 51.0910  
**Florida Department of Education CIP Code:** 0351091066

This 12-week program in Vascular Sonography allows registered sonography professionals to expand their skills and leads to an Advanced Technology Certificate from Eastern Florida State College. Vascular technologists provide diagnostic patient care services using ultrasound and related diagnostic procedures regarding blood vessels. These healthcare professionals are highly-skilled in the use of specialized equipment to create images of structures inside the human body, which physicians use to make a medical diagnosis. To be awarded an ATC, students must have an AS or AAS. The ATC in Vascular Sonography requires an AS in Sonography from a regionally accredited institution.

Coursework from the ATC may be part of one of BAS-Applied Health Science: Medical Imaging Sciences -[Vascular Sonography Specialization](#).

Classroom and hands-on clinical experience are both key parts of the program, with local hospitals, diagnostic centers and clinics serving as clinical education settings for the certificate. Vascular Sonography is a limited access program with a specialized application process. [Visit the program page for more details and how to apply](#) or 321-433-7575.

The completion of an AS or AAS degree is required for this program.

## Certificate Requirements

Code	Title	Credit Hours
<b>Core Courses</b>		
SON 3173	Vascular Technology 1	2
SON 3174	Vascular Technology 2	2
SON 3806	Clinical Practicum 1	3
SON 3816	Clinical Practicum 2	3
<b>Total Credit Hours</b>		<b>10</b>

The Vascular Sonography Advanced Technical Certificate program is a 12-week cohort split into two summer sessions of six weeks each. The program totals 10 credit hours, 288 clinical hours and 72 skills laboratory hours.

Course	Title	Credit Hours
<b>Term 1</b>		
SON 3173	Vascular Technology 1 <sup>1</sup>	2
SON 3806	Clinical Practicum 1 <sup>2</sup>	3
<b>Credit Hours</b>		<b>5</b>

<b>Term 2</b>		
SON 3174	Vascular Technology 2 <sup>1</sup>	2
SON 3816	Clinical Practicum 2 <sup>2</sup>	3
<b>Credit Hours</b>		<b>5</b>
<b>Total Credit Hours</b>		<b>10</b>

1

Classroom assignments

2

144 clinical hours + objectives; 36 skills laboratory hours + objectives

## Learning Outcomes: Vascular Sonography

These outcomes apply to the Advanced Technical Certificate and if the certificate's courses are taken as part of the Applied Health Science Bachelor of Applied Science - Medical Imaging Specialization.

- Summarize indications for sonographic evaluation of the Arterial and Venous Systems.
  - *Core Ability Supported: Process Information*
- Summarize indications for sonographic evaluation of the Cerebrovascular/Arterial and Venous Systems.
  - *Core Ability Supported: Process Information*
- Demonstrate professional behavior while in a vascular clinical setting.
  - *Core Ability Supported: Work Cooperatively*
- Distinguish vascular pathology from normal vascular anatomy.
  - *Core Ability Supported: Communicate Effectively*