



## **ADVANCED DIPLOMA IN VASCULAR SONOGRAPHY TECHNOLOGIST**

**CIP Code: 51-0910**

### **Program Mission**

Vascular Sonography is a noninvasive ultrasound technique to diagnose vascular disorders inside the human body. At Stellar Career College, the mission of our vascular sonography certificate programs Indiana is to prepare students to use high-frequency ultrasound machines to visualize blood flow through vessels. It further aims to educate you about identifying blockages and abnormalities, such as plaque, and to assist in formulating effective treatment plans.

The Advanced Diploma in Vascular Sonography Technologist will also take you through different skill-building processes like result evaluation, patient satisfaction, test recording, information updating, enhanced communication skills, and assisting doctors in treatment as well as supervision.

### **Program Description**

Stellar Career College's Advanced Diploma in Vascular Sonography Technologist is a fourteen-month program encompassing skill-building in medical imaging techniques. Vascular Sonography is a non-invasive ultrasound method used in healthcare to examine blood vessels and circulation and evaluate arteries or veins. This medical imaging technique helps to identify abnormalities and disorders in almost every body part, such as neck, abdomen, legs, etc.

Our Vascular Sonography program will further upskill you to qualify as a certified assistant and help doctors, surgeons, and other healthcare professionals diagnose and treat vascular disorders. This 54-quarter credit hour course will teach you the Quality Control (QC) standards, patient care and safety, equipment maintenance, effective communication, and test results storage.

With Stellar Career College's Advanced Diploma in Vascular Sonography Technologist, you will be able to make a positive impact in patients' lives and possess specialties to transform the healthcare landscape with innovation.

## Program Details

### Course Duration

14 Months

### Quarter Credit Hours

52

## Program Curriculum

- **Technical Courses** 52 Quarter Credit Hours

## Program Learning Outcomes

The specialized Diploma in Vascular Sonography Technologist aims to train you with basic and fundamental knowledge of conducting vascular ultrasounds. In addition, this program also offers a real-world extensive clinical experience.

The students of this program will:

- Assist in monitoring blood flow to organs and tissues throughout the body
- Locate and identify blockages (stenosis) and abnormalities such as plaque or emboli
- Assist in devising effective treatment for cardiovascular anomalies
- Identify & detect Deep Venous Thrombosis (DVT) in the major veins of the patient's arms or legs
- Determine whether a patient is a suitable candidate for cardiovascular blockage treatment procedures like angioplasty
- Examine the success of blood vessel grafting or bypass procedures
- Determine the presence of an enlarged artery (aneurysm) and evaluate varicose veins

## Program Career Opportunity

At Stellar Career College, the Diploma in Vascular Sonography program prepares students for a variety of placements within the healthcare sector. The potential job possibilities for graduates of Diploma in Vascular Sonography Indiana include, but are not limited to, the following:

1. Vascular Technologist - Sonography
2. Technologist-Ultrasound/Vascular
3. Cardiovascular Imaging Technologist
4. Vascular Sonographer

5. Diagnostic Sonographer
6. Vascular/Echo Ultrasound Technologist
7. Pediatric Vascular Technologist
8. Special Imaging Technologist Interventional Cardiology
9. PRN Sonographer/ Ultrasound Technologist
10. Ultrasonographer - Diagnostic Services
11. Vascular Laboratory Technologist

## Program Completion

A diploma will be awarded to those students who will successfully complete all required courses as per college's Satisfactory Academic Requirements and fulfill their financial obligation towards the college.

To become eligible to challenge the national certification exam in vascular sonography through ARRT, students must complete the following requirements:

- Complete Stellar Career College's ARRT-recognized educational program in vascular sonography
- Must demonstrate competency in formal classroom education (didactic coursework), and program's clinical requirements.

## ARRT Obligations

ARRT enforces high standards of ethics and professional conduct. Students must comply with everything in the ARRT Standards of Ethics, including the Rules of Ethics. You must notify ARRT of any ethics violations within 30 calendar days of their occurrence. Applicants who don't follow these rules might become ineligible. Several types of misconduct, charges, and convictions may violate ARRT's Rules of Ethics. For further details on this matter, please refer to ARRT's handbook, which is available at [arrt.org](http://arrt.org).

## Program Format

The College will offer this program using the Hybrid format of instruction delivery. Didactic courses will be taught using online and virtual technologies, while laboratory courses will be offered using virtual technologies and/or on-site format of instruction delivery. The students will complete required clinical hours and competencies at their respective clinical sites.

## Program Certification

Graduates who will meet additional requirements, including but not limited to ethics requirements, of the credentialing agency will be eligible to challenge the national certification exam to become certified by passing the credentialing examination.