

Advanced Diploma in Vascular Sonography Technologist (VST)

CIP Code: 51-0910

Program Description:

The College prepares graduates becomes vascular sonographers. Vascular sonography technologists assist medical doctors in the diagnosis and treatment of a several vascular disorders in the human body. Vascular sonography technologists perform non-invasive vascular exams to properly assess vascular disease or illness. VST professionals compile information that is gathered on an exam to give a preliminary impression. These professionals are trained in vascular scanning techniques and vascular disorders. The Vascular Sonography Technologist program also prepares the students to learn patient care and safety. The Advanced Diploma in Vascular Sonography Technologist is for learners who have at least 30 college credits, an Associate Degree, a bachelor's degree, or a higher degree prior to admission to this program. This program prepares these individuals to become Vascular Diagnostic Medical Sonographer. Graduates will be eligible to take Vascular Sonography National Certification Examination.

Program Duration: 14 months

Quarter Credit Hours: 54

Clock Hours: 1080

Program Objectives:

1. Help monitor the blood flow to organs and tissues throughout the body,
2. Locate and identify blockages (stenosis) and abnormalities like plaque or emboli and help plan for their effective treatment,
3. Detect blood clots (deep venous thrombosis - DVT) in the major veins of the legs or arms,
4. Determine whether a patient is a good candidate for a procedure such as angioplasty,
5. Evaluate the success of procedures that graft or bypass blood vessels,
6. Determine if there is an enlarged artery (aneurysm), and
7. Evaluate varicose veins.

Program Curriculum:

BIO 101 Basic Medical Terminology
BIO 102 Human Anatomy and Physiology I
BIO 104 Healthcare Laws and Ethics
BIO 105 Patient Care in Imaging
BIO 106 Human Anatomy and Physiology II
BIO 107 Imaging Pathology
VAS 111 Vascular Sonography I
VAS 112 Vascular Sonography Lab I
VAS 113 Vascular Sonography II
VAS 114 Vascular Sonography Lab II

VAS 115 Vascular Sonography III
VAS 116 Vascular Sonography Lab III
VAS 120 Registry Review
VAS 121 Externship

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 national certification exam in Vascular Sonography through ARRT, students have to 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.
- Complete an associate (or higher) degree, in any subject, from an educational institution accredited by an agency ARRT recognizes. You may earn the degree at any time—before, after, or while you complete an educational program in your discipline.
- 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 that is available at arrt.org.

Program Format:

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

Certification:

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