Vascular Program

Program Overview
Vascular technologists are highly skilled professionals, who perform noninvasive tests to determine the presence or absence of arterial or venous disease. Technologists perform examinations at the request of and under the direction of physicians. While principally relying upon ultrasound to examine patients, they may incorporate a wide variety of instruments into the disease detection process. Patients with significant vascular problems are often candidates for surgery and the skills of the vascular technologist are important to determining the need. These same skills are essential to evaluating the success of surgery and the need for re-operation.

Technologists usually work under the direction of a Vascular Surgeon or Vascular Medicine Specialist. They are most often employed by hospitals but may be in private free-standing surgical practices or private industry. The tremendous growth in technology and the increasing trend toward non-invasive diagnostics are pushing the need for highly educated vascular technologists, possessing good analytical and technical skills. Continual interaction with referring physicians and patients makes effective communication skills important.

Throughout the country, the lack of educational programs has restricted entry into this relatively young field of study. Locally and nationally, career opportunities for Vascular Technologists are excellent because of a very real need for well-trained professionals.

Program Description
The Vascular Technology Program is fifteen months long, covering didactic and clinical instruction on the non-invasive diagnosis of vascular diseases. It includes courses in vascular anatomy, physiology, pathophysiology, physics of ultrasound, medical instrumentation, and surgical and medical therapeutics for vascular diseases.
Techniques in diagnostic testing are taught in the classroom but require extensive clinical practice. Technical skills are only developed through direct patient testing. Our view is that this clinical phase is critical to the success of our graduates. It is a large and very important component of our instruction, reinforced by experienced vascular technologists in active vascular laboratories in hospitals affiliated with the program.

**Student Expectations**
Students can expect to have approximately 40 hours of active commitment per week in classroom, clinical, and travel. They must have a car to commute between classes and clinical sites. Hospital affiliates are not closely spaced and one hour of travel may be required. Part-time work may be possible but difficult for a student to manage. Work cannot interfere with the required program hours.

**Full-time and Part-time status**
This is a full time program.

**Department Faculty**
Please see the department faculty under [Medical Imaging Sciences](#) department/Scotch Plains campus.

**Primary Campus Location**
The program is based in the Scotch Plains campus.

**Curriculum**
See database for [program requirements](#) and course descriptions and select your program.

**Mission/Goals/Objectives**
The Vascular Technology Program educates students in non-invasive peripheral vascular testing. Its mission is to give students the opportunity to work toward improving the care of the vascular patient. By providing well-educated and highly-trained sonographers, it supports the clinical activities of vascular surgery and vascular medicine specialties. The Program strives to elevate the skills of its students using:

- the academic support of affiliate colleges and universities to provide a baccalaureate degree level of education.
- its hospital affiliates to reinforce the patient-based clinical training.
**Major Clinical Affiliates**

- University Hospital, Newark, NJ
- East Orange VA Medical Center, East Orange, NJ
- Robert W Johnson University Hospital, New Brunswick, NJ
- Newark Beth Israel Hospital, Newark, NJ
- Hackensack University Hospital, Hackensack, NJ
- Saint Barnabas Hospital, Livingston, NJ
- Christ Hospital, Jersey City, NJ
- Saint Peter’s University Medical Center, New Brunswick, NJ
- Saint Clare’s Hospital, Denville, NJ
- Jersey Shore Vascular Institute, Brick, NJ

**Accreditation Status**

Full Accreditation by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) through:

Joint Review Committee on Education in Cardiovascular Technology (JRC-CVT)
6 Pine Knoll Dr
Beverly, MA 01915

**Phone:** (774)-855-4100  
**Contact:** William W. Godding, Executive Director


**Admissions Requirements**

The Program is an upper division undergraduate program. Certificate candidates must have an Associate’s degree from an accredited institution of higher education. Credits include:

- Human Anatomy and Physiology with laboratory (8 cr)
- College Algebra (3 cr)
- Medical Terminology
- English Composition (3 cr)
- Physics (2-4 cr)

Foreign educated applicants must submit a TOEFL score with a minimum score of 600, official transcripts from foreign institutions, and an acceptable translation of foreign transcripts.

**G.P.A. minimum requirement/credentialing requirement**

A minimum of 2.75 is required.
For more information
For more information contact the Office of Enrollment Services at (973) 972-5336 or via e-mail. Additional programmatic information is available at the program website.

For more specific information contact the program at:
Rutgers, The State University of New Jersey
RBHS - School of Health Related Professions
Vascular Technology Program
Stanley Ort, Program Director
1776 Raritan Road
Scotch Plains, NJ 07076

Phone: (908) 889-2526   E-mail: ortst@shrp.rutgers.edu