



**Program Description:**

The Vascular Technology Certificate program is designed to provide comprehensive knowledge of vascular technology and to prepare students for taking the American Registry of Diagnostic Medical Sonographers (ARDMS), Vascular Physical Principles & Instrumentation Physics (VPI), and Vascular Technology (VT) examinations, and receive the credentials of the Registered Vascular Technologist (RVT). Areas covered include: peripheral vascular, cerebrovascular including transcranial doppler, abdominal and pelvic (arterial and venous), vascular physics and instrumentation.

**Career and Transfer Outlook:**

Students find career opportunities in hospitals, doctor's offices and clinics. The present career outlook for graduates is extremely positive and not expected to change in the near future.

**Helpful Hints:**

Students with no prior medical training should complete a course in medical terminology.

**Note:** In order for a student to be eligible to participate in an academic, community or clinical program that involves potential unsupervised contact with children, the disabled, or the elderly, the student may be required to undergo a Criminal Offender Record Information (CORI) check and/or a Sex Offender Registry Information (SORI) check. The outcome of the CORI/SORI check may impact the student's ability to participate in clinical courses. (See page 151 for details.)

## VASCULAR TECHNOLOGY • Certificate

**BEDFORD CAMPUS - EVENING, STARTS FALL SEMESTER ONLY.**

✓	COURSE #	COURSE TITLE	CREDITS	PREREQUISITES
_____	SON 234	Vascular/Echocardiography Physics Principles & Instrumentation	3	
_____	SON 351	Vascular Technology I	3	
_____	SON 352	Vascular Technology II	<u>3</u>	
			<b>9</b>	

**Admission Information**

**Required Prerequisites**

- Two-year, patient-care-centered training program (e.g. Diagnostic Medical Sonography, Radiologic Technology, Registered Nurse) or a bachelor's degree in any major. Individuals currently practicing Vascular Ultrasound may participate in the didactic portion of the curriculum.

**Required Documents:**

- Admission Application
- Medical Imaging Certificate Requirements Form
- Evidence of the above schooling/training is required. (See Admission Required Prerequisites)
- Original letter from supervising sonographer/technologist verifying that the student has secured clinical internship site under the supervision of a physician and/or registered sonographer.

**Admission Notes:** Student must complete 12 months or 1,680 hours of full-time clinical ultrasound experience and be directly involved in a minimum of 800 cases during the clinical experience.

**Clinical Standards:** Students enrolled in the Vascular Technology program must demonstrate a satisfactory level of performance in clinical settings in order to remain in the program. See page 169 for additional information.

**Standard/Technical Skills Notice:** To view a list of standard and/or technical skills required for performing duties in various health career fields, visit the Middlesex Community College Health Division website ([www.middlesex.mass.edu](http://www.middlesex.mass.edu)) or the Student Information Centers. These skills are not conditions for admission to MCC programs, but do indicate abilities and characteristics necessary for successful completion of college Health programs, and to perform the duties of the career upon graduate