



Vascular Technology Advising Guide

Application Deadline: July 2, 2019 | Admission for 2019 Academic Year

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General Program Info

This certificate includes the instructional component of the preparation that students need to take either the Registered Vascular Technologists (RVT) examination by the American Registry for Diagnostic Medical Sonography (ARDMS) or the Registered Technologists Vascular RT(V) examination by the American Registry of Radiologic Technologists (ARRT). It provides the didactic and applied instruction necessary for students to be competent in the specialty of Vascular Sonography. Students must also seek clinical verification as part of this program.

Once admitted to the Vascular Technology program students will complete two sequential semesters of study leading to a Certificate of Completion in Vascular Technology. Students are admitted in the Fall, with a limited number of seats available each year.

As part of the educational training students receive hands-on experience in a laboratory setting.

Note: In addition to the instructional component, students must provide documentation of clinical competency which is required by the ARDMS or ARRT to apply for RVT or RT(V) registration and sit for the national examination.

Fall Semester 2019		Fall Semester 2019 Lab Weekend Dates			
Start Date August 22, 2019	End Date December 16, 2019	Sept TBD	Oct TBD	Nov TBD	Dec TBD

Spring Semester 2020		Spring 2020 Lab Weekend Dates			
Start Date January 13, 2020	End Date May 11, 2020	Feb TBD	March TBD	Apr TBD	May TBD

Admission Requirements

Admission is limited. Students will be admitted on a first-come, first-served basis to fill the available seats. All required items must be submitted in order for department approval to be granted. Seats will not be held for those who submit incomplete paperwork.

1. Complete student information form (page 5 of this document) and submit along with required documentation (listed in #2 below) to:

Mail: Kara Swanson
Lansing Community College
Health and Human Services Division
515 North Washington Square, Suite 108
Lansing MI 48933

Email: lcc-hhs@lcc.edu
Fax: 517.483.1508

2. Submit proof of:
 - a. RDMS or RT(S) credential; **OR** registry eligible. If registry eligible, provide a letter from the Program Director or official transcripts showing graduation from an accredited sonography program.
 - b. Current sonography employment. Provide letter from supervisor or Human Resources on company letterhead verifying employment dates.

Program Cost

The approximate cost for the Vascular Technology program is \$4,500; this includes in-district tuition rates, course fees, supplies, textbooks, and exam fees. Students can use the [tuition cost estimator](#) for a more detailed look at costs.

Environmental Conditions-Standard Precautions

As a student you may be exposed to a variety of substances within the clinical sites such as exposure to ionizing radiation; exposure to blood, body tissues, or fluid; dust; chemicals used to process radiographic film; high humidity; loud or unpleasant noises; low or high temperatures. Upon acceptance into the program students will be required to take a mandatory online OSHA Blood-Borne Pathogen and Universal Precautions training session and will need current American Heart Association or Red Cross CPR for Healthcare Provider card for the duration of the program.

Nondiscrimination Statement Policy

Lansing Community College is committed to providing equal employment opportunities and equal education for all persons regardless of race, color, sex, age, religion, national origin, creed, ancestry, height, weight, sexual orientation, gender identity, gender expression, disability, familial status, marital status, military status, veteran's status, or other status as protected by law, or genetic information that is unrelated to the person's ability to perform the duties of a particular job or position or that is unrelated to the person's ability to participate in educational programs, courses services or activities offered by the college.

The following individuals have been designated to handle inquiries regarding the nondiscrimination policies: Equal Opportunity Officer, Washington Court Place, 309 N. Washington Square Lansing, MI 48933, 517-483-1730; Employee Coordinator 504/ADA, Administration Building, 610 N. Capitol Ave. Lansing, MI 48933, 517-483-1875; Student Coordinator 504/ADA, Gannon Building, 411 N. Grand Ave. Lansing, MI 48933, 517-483-1885; Lori Willett, Human Resource Manager/Title IX Coordinator, Administration Building, 610 N. Capitol Ave. Lansing, MI 48933, 517-483-1870; Christine Thompson, Student Title IX Coordinator, Gannon Building, 411 N. Grand Ave. Lansing, MI 48933, 517-483-1261.

Learning Disabilities

Learning disabilities affect students in different ways. Students may have difficulty remembering, understanding and/or expressing information. Students may be weak in spelling, writing, math, reading, problem solving, organization and time management. If a student feels they cannot meet the following guidelines and feel they have a learning disability they may contact the [Center for Student Access](#)

(<https://internal.lcc.edu/accessibility>) at (517) 483-1924 to receive an appropriate accommodation.

Motor, Cognitive, and Psychological Skills Essential for Sonography Students

Students must be able to meet the following guidelines regarding:

- **STRENGTH:** Perform physical activities requiring ability to push/pull objects more than 100 pounds and to transfer objects of more than 100 pounds. There is emphasis on upper body strength.
- **MANUAL DEXTERITY:** Perform simple motor skills such as standing, walking, handshaking; manipulative skills such as writing and typing, use of fine motor skills with both hands simultaneously; calibrating ultrasound equipment, adjusting film processors, and loading/unloading film magazines.
- **COORDINATION:** Perform gross body coordination such as walking, filing, retrieving equipment; eye-hand coordination such as computer/keyboard skills, and arm-hand steadiness, such as taking blood pressure, catheterizing, and calibration of tools and equipment.
- **MOBILITY:** Perform mobility skills such as walking, standing, bending; pushing portable equipment throughout the hospital; prolonged standing while completing procedures.
- **VISUAL ABILITY:** See objects far away and to discriminate colors, see objects closely as in reading faces, dials, monitors, etc; viewing control panels and operate equipment under low overhead lighting.
- **HEARING:** Hear normal sounds with some background of noise from ultrasound control panels, computers, etc.; and to distinguish sounds.

2. Essential cognitive skills required to meet the class and clinical practice outcomes:

- **CONCENTRATION:** Concentrate on details with moderate amount of interruptions, such as patient requests, doctor and staff requests, etc.
- **ATTENTION SPAN:** Attend to task/functions for periods up to 60 minutes in length and to attend to task/functions for periods exceeding 60 minutes in length.
- **CONCEPTUALIZATION:** Understand and relate to specific ideas, concepts, and theories generated and discussed simultaneously.

- **MEMORY:** Remember task/assignments given to self and others over both short and long periods of time.
- **CRITICAL THINKING:** Ability to make clinical judgment when working independently to obtain diagnostic images.

3. Essential psychological skills required to meet the class and clinical practice outcomes:

- **INTERPERSONAL:** Interact with individuals, families, and groups from a variety of social, emotional, cultural, and intellectual backgrounds. Student must be able to establish rapport with patients, colleagues, faculty, and professional staff.
- **COMMUNICATION:** Abilities sufficient for interaction with others in verbal and written form.
- **SUBSTANCE ABUSE:** Student does not use a Schedule I, II or IV* drug; student does not use an amphetamine, narcotic, or any other habit-forming drug unless prescribed by a licensed medical practitioner. Students should declare-- (physician statement) if he/she takes Schedule IV drug. Examples of Schedule IV drugs include Valium, Xanax, Phenobarbital, and Rohypnol-- commonly known as the "date rape" drug. *Students who test positive for Schedule I, II or Rohypnol will be subject to expulsion from the Diagnostic Medical Sonography program.
- **STRESS:** Requires working with patients who may be very young or old, critically ill or injured, or mentally or physically deficient/impaired; working with a constantly changing staff, resident physicians, and medical students.