



Health & Human Services Division
 Lansing Community College
 selective_admissions@star.lcc.edu
 Phone: (517) 483-1410

Vascular Technology Advising Guide

Application Deadline: August 20 | Admission for Fall semester

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General Program Info

Vascular Sonography is a specialty area in the medical imaging field that performs non-invasive diagnostic examinations of the arteries and veins. LCC's Vascular Technology program provides the didactic and applied instruction necessary for students to become a registered Vascular Technologist. To be eligible for this program you must already be a sonographer (*see admission requirements section*).

With limited seats available, enrollment is on a first-come-first-serve basis. This guide includes everything you need to know about the program and how to apply. For more information on this curriculum and career, visit the [program website \(www.lcc.edu/academics/degrees/\)](http://www.lcc.edu/academics/degrees/).

Application Deadline	Number of Students Admitted Annually	Program Duration (once admitted)	Program Format
August 20	22	10 months <i>Fall-Spring</i> <i>(2 semesters)</i>	Online with in-person labs

A complete pathway, including course layout and course sequence, is available on the college's [Degree & Certificate site \(https://lcc.edu/academics/catalog/degree-certificate-programs/\)](https://lcc.edu/academics/catalog/degree-certificate-programs/).

Application Process

You must be an LCC student to be eligible for this program. Admission into the college does not guarantee entrance into this program. For questions about the application process, email selective_admissions@star.lcc.edu.

Follow these steps to apply:

1. **APPLY TO LCC:** If you are not currently and have never been an LCC student, [apply to the college](http://www.lcc.edu/admissions-financial-aid/get-started/) (www.lcc.edu/admissions-financial-aid/get-started/).
2. ***TRANSFER STUDENTS:** Have the college(s) you completed Sonography classes at send official transcripts directly to LCC's Registrars Office by **August 1st**. Find out where to send your transcripts and how your classes will transfer to LCC using our [equivalency site](http://lcc.edu/academics/transfer/equivalencies/) (lcc.edu/academics/transfer/equivalencies/).
3. **SUBMIT VASCULAR TECHNOLOGY APPLICATION BY AUGUST 20:**
The application is available in the Vascular Technology section on the [HHS Advising Guide site](http://www.lcc.edu/hhs/advising-guides.html) (www.lcc.edu/hhs/advising-guides.html).

Academic Advisors are available by appointment, chat, or email. For more information, visit the Academic Advising site (www.lcc.edu/services/advising/).

Admission Requirements

Applicants must have ALL of the following completed by August 20th to be eligible for admission. Students are admitted on a first-come-first-served basis until the available seats are full.

ADMISSION REQUIREMENTS	SEE NOTE
Current registered sonographer (RDMS or RT(S)) or proof of Sonography degree showing registry eligibility	1
Current employment as a Sonography	2

ADMISSION REQUIREMENT NOTES:

1. Current RDMS or RT(S) certification must be submitted with your application to be considered. If you have completed an accredited Sonography program and have not yet taken the registry exam, proof of a recent Sonography degree will be accepted in lieu of RDMS or RT(S) credentials. Official transcripts on record with LCC's Registrars office must show proof of degree. *Graduates from LCC's Sonography program do not need to provide transcripts.*
2. Proof of current employment as a Sonographer must be completed by a supervisor or HR department on company letterhead and include position title and dates of employment. Documentation of work experience must be attached to the application to be eligible. *Graduates from LCC's Sonography program do not need to provide proof of employment.*

Program Layout

The Vascular Technology program begins during LCC's Fall semester and is 10 months long (2 semesters). This is a cohort program meaning class sequence and schedules are set. While most course content is delivered online, there are **face-to-face labs** that typically occur one weekend a month from 8:00am-5:00pm Saturday and Sundays. All labs take place at LCC's Downtown Lansing campus.

Upon program completion, students earn a **Vascular Technology Certificate of Completion** from LCC. All courses must be passed with a minimum grade of 2.5 to receive the certificate. Graduates are eligible to take board exams certifying them as a registered Vascular Technologist (RVT or RT(V)) through the American Registry of Diagnostic Medical Sonographers (ARDMS) or the American Registry of Radiologic Technologists (ARRT).

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

A complete program pathway, including course layout and course sequence, is available on the college's [Degree & Certificate site](https://lcc.edu/academics/catalog/degree-certificate-programs/) (<https://lcc.edu/academics/catalog/degree-certificate-programs/>).

Program Cost

The approximate cost in 2021-22 for a Vascular Technology student who receives in-district tuition rates is \$4,650; this includes tuition cost, course fees, and textbooks. The approximate cost for out-of-district tuition rates is \$6,950. Use the [tuition cost estimator](https://lcc.edu/admissions-financial-aid/tuition-andcosts/tuition-estimator.html) (<https://lcc.edu/admissions-financial-aid/tuition-andcosts/tuition-estimator.html>) for a detailed look at course costs.

Be advised some in-program classes have a portion of the course fee that is non-refundable. Any student who registers for the class and then drops, withdraws, or is otherwise ineligible for the program will not be refunded the non-refundable portion. The non-refundable amount and the items included in course fees vary by class. More information will be provided at the program orientation that occurs after admission decisions are made.

Criminal Background Check

Students convicted of certain crime(s) may be ineligible for licensure in this field. To comply with State and Federal statutes, licensure will be denied for any of the following:

- Any felony conviction within 15 years + three years' probation prior to application.
- Any misdemeanor within ten years prior to application that involved or is similar to the following:
 - Abuse, neglect, assault, battery
 - Criminal sexual conduct
 - Fraud or theft against a vulnerable adult (as defined by the Michigan penal code)

The [Michigan Workforce Background Check Program](http://www.miltcpartnership.org/documents/legalguide.pdf) (www.miltcpartnership.org/documents/legalguide.pdf) provides detailed information regarding the types of crimes and their implications to employment suitability in health care facilities and agencies.

Environmental Conditions-Standard Precautions

Applicants must be aware students in this program and profession will be exposed to blood, body tissues, and fluids. There is the potential of exposure to electrical hazards, hazardous waste materials, radiation, poisonous substances, chemicals, loud or unpleasant noises and high stress emergency situations. Students enrolled in this program are at a slight risk for exposure to blood and body fluids and transmission of blood-borne and other infectious diseases, including HIV. The Americans with Disabilities Act forbids discrimination against patients with infectious diseases; therefore, students are required to treat all patients assigned, regardless of the disease-state of the patient. Standard precautions must be followed when treating each patient.

Skills Essential for the Field

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.

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.

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.

COVID-19

Because of the COVID-19 pandemic, students are required to comply with all laws, rules, and regulations as well as any guidance provided by the CDC, the local health department, and other governmental authorities. Due to rapid developments related to COVID-19, students are encouraged to periodically visit the College's website for updated information about COVID-19 (www.lcc.edu/about/coronavirus/).

Non-Discrimination Statement

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; Sarah Velez, Human Resource Manager/Title IX Coordinator, Administration Building, 610 N. Capitol Ave. Lansing, MI 48933, 517-483-1874; Christine Thompson, Student Title IX Coordinator, Gannon Building, 411 N. Grand Ave. Lansing, MI 48933, 517-483-1261.

For questions, contact the Medical Imaging Program Director:

Jamia Dunckel | wilkinj4@star.lcc.edu | (517) 483-1412

Check out all of the Health Career [Advising Guides](http://lcc.edu/hhs/advising-guides.html) (lcc.edu/hhs/advising-guides.html)

