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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).**

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 \(www.lcc.edu/academics/health-and-human-service-careers/sonography/index.html\)](http://www.lcc.edu/academics/health-and-human-service-careers/sonography/index.html).

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

Follow the steps below to apply to Lansing Community College's (LCC) Vascular Technology program.

1. **APPLY TO LCC:** If you are not currently and have never been an LCC student, [apply to the college \(www.lcc.edu/get-started/\)](http://www.lcc.edu/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 \(www.lcc.edu/academics/transfer/equivalencies/\)](http://www.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 \(www.lcc.edu/hhs/advising-guides.html\)](http://www.lcc.edu/hhs/advising-guides.html).

Academic Advisors are available by appointment, chat, or email. For more information, visit the [Academic Advising site \(www.lcc.edu/services/advising/\)](http://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)) <u>or</u> 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.

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PROGRAM COST

The approximate cost in 2024-2025 for a Vascular Technology student who receives in-district tuition rates is \$5,243; this price does include additional supplies like textbooks and board examination certification fees. The approximate cost for in-state tuition rates is \$7,643. Use the [tuition cost estimator \(www.lcc.edu/tuition-and-costs/tuition-estimator.html\)](http://www.lcc.edu/tuition-and-costs/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

In order for this program to be in compliance with Michigan Public Act 26 of 2006, a **Criminal Background investigation is required for all students**. Directions for completing a Background Check, which may include fingerprinting and drug testing, will be given at the program orientation that occurs after admission decisions are made. Please note digital fingerprinting may be required by the State of Michigan at the time of application for career licensure. To comply with State and Federal statutes, admission to this program 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)

It is the student's responsibility – prior to pursuing the program – to know whether they are prohibited from providing clinical services.

The [Michigan Workforce Background Check Program \(www.miltcpartnership.org/documents/legalguide.pdf\)](http://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.

Any student who has been charged with a felony or a misdemeanor crime after admission to the program must contact the Program Director within 72 hours of the charge. Students convicted of certain crime(s) may become ineligible for clinical/externship privileges and/or professional certification/licensure, and therefore, may be dismissed from the Program.

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.

CHOSEN/PREFERRED NAME

LCC has adopted a policy providing all members of the campus community the opportunity to use their chosen or preferred name in records and communications across the campus. A chosen/preferred name refers to a first name which is different than the legal first name. Students may request this option via their LCC profile. The student's Chosen/Preferred Name may be used in many contexts, including class rosters, ID Cards (by request), Desire to Learn (D2L) course sites, and more. However, **LCC is legally required to use a student's Legal Name for some things. This includes at all clinical and externship sites, on immunization and medical records, official transcripts, diplomas, financial aid records, and more.** More information is available on LCC's [Chosen Name and Pronoun Initiative site \(www.lcc.edu/diversity/chosen-name.html\)](http://www.lcc.edu/diversity/chosen-name.html).

NON-DISCRIMINATION STATEMENT

LCC provides equal opportunity for all persons and prohibits discriminatory practices based on race, color, sex, age, religion, national origin, creed, ancestry, height, weight, sexual orientation, gender identity, gender expression, disability, familial status, marital status, pregnancy, pregnancy-related conditions, 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 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, Employee Title IX Coordinator, Washington Court Place, 309 N. Washington Square Lansing, MI 48933, 517-483-1730; HR Director of Total Compensation & Employment, 504/ADA, Administration Building, 610 N. Capitol Ave. Lansing, MI 48933, 517-483-1875; Associate Dean, Center for Student Support, 504/ADA, Gannon Building, 411 N. Grand Ave. Lansing, MI 48933, 517-483-1885; Director of Student Compliance, Student Title IX Coordinator, Gannon Building, 411 N. Grand Ave., Lansing, MI 48933, 517-483-9632, Director of Athletics, Deputy Title IX Coordinator, Gannon Building, 411 N. Grand Ave., Lansing, MI 48933, 517-483-1622, U.S. Department of Education's Office of Civil Rights, Michigan Department of Civil Rights.

The nondiscrimination policy and grievance procedures can be located at [LCC's Board Policies \(www.lcc.edu/about/board-of-trustees/policies.html\)](http://www.lcc.edu/about/board-of-trustees/policies.html) website. To report information about conduct that may constitute sex discrimination or make a complaint of sex discrimination

under Title IX, please refer to [Title IX and Sexual Misconduct Resources \(www.lcc.edu/consumer-information/sexual-misconduct.html\)](http://www.lcc.edu/consumer-information/sexual-misconduct.html) website.

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