Do you like Science? Enjoy a challenge? Are you looking for a rewarding career in the medical field? Hibbing Community College’s Medical Laboratory Technician Program may be just what you are looking for!

Program Description
Medical laboratory technology is a profession that combines the challenges and rewards of both medicine and science. A medical laboratory technician performs a wide range of laboratory tests including microscopic examination of blood, identification of bacteria and viruses, and other laboratory testing that can lead to the diagnosis of diseases such as AIDS, diabetes, and cancer. At HCC, students learn the theory and principles behind the tests they perform and learn to correlate laboratory results with patient conditions. In addition, students earn general education credits in biology, computer applications, and communications, which can contribute to an Associate in Applied Science (A.A.S) Degree.
Upon satisfactory completion of classroom training at the college, each student is assigned to an affiliated hospital or clinic for 16 weeks of clinical applied experience. During this period, the student is under the direct supervision of a registered medical technologist and receives periodic evaluations from MLT program faculty.

The Hibbing Community College MLT program currently has established clinical affiliations with the following area hospitals and clinics:

- Ely-Bloomenson Community Hospital, Ely, Minnesota
- Cook Hospital & Nursing Care Unit, Cook, Minnesota
- Duluth Clinic – Hibbing, Hibbing, Minnesota
- Fairview University Medical Center-Mesabi, Hibbing, Minnesota
- Grand Itasca Clinic & Hospital, Grand Rapids, Minnesota
- Big Fork Valley Hospital, Big Fork, Minnesota
- Essentia Health Virginia, Virginia, Minnesota
- Essentia Health Deer River, Deer River, Minnesota
- Essentia Health Clinic Virginia, Virginia, Minnesota
- Riverwood Healthcare Center, Aitkin, Minnesota
- Rainy Lake Medical Center, International Falls, MN

Students wishing to complete their internship in a hospital not listed, may do so on a case-by-case basis. Hospitals not listed that agree to take on an intern, must sign and complete all the required paperwork and be deemed acceptable by the Program Director prior to the student’s internship.

**Clinical Placement:**

Standing affiliation contracts are in place for each of the clinical training sites. The number of Hibbing Community College MLT students placed at each site depends on the sites’ willingness and capacity to accommodate students. An attempt is made to place each student at the facility of his or her choice but the final decision for clinical placement resides with the Program Director. If more students are eligible for placement than the number of sites available, then students will receive placement in order of GPA. Students not placed will be placed first at the next available clinical site opening.

Prior to clinical placement, students will be required to provide information regarding up-to-date immunization records for MMR, Varicella, TB or Mantoux, Hepatitis B, Influenza, and Pertussis. Students will also submit to a background studies, both national and State of MN Healthcare worker as well as accompanying fingerprinting.

**Program Mission Statement/Goals:**

Hibbing Community College Medical Laboratory Technician program is a NAACLS accredited program committed to improving the quality of care as an integral member of the health care team. With the collaboration of our clinical affiliates, MLT graduates will adhere to the highest ethical and safety standards expected of health care professionals, provide high quality, reliable patient laboratory results, and maintain exceptional levels of confidentiality, integrity, and professionalism.
**MLT Competencies:**
Upon graduation from Hibbing Community College and initial employment, the medical laboratory technician will be able to demonstrate entry level competencies in the following areas of professional practice:

- Working collectively and collaboratively exhibiting skills in leadership, perseverance, and integrity
- Identifying, collecting, and processing patient specimens in accordance with current HIPAA laws and regulations
- Adhering to and practicing all clinical safety guidelines to include chemical, biological, and safety as it relates to patient laboratory testing
- Demonstrating identification and understanding of basic red cell and white cell development stages and morphologies and relating findings to hematologically normal as well as diseased states
- Demonstrating a basic understanding of urinalysis and body fluids in chemistries and microscopic findings relating to healthy and diseased states
- Demonstrating a basic understanding of microbiology, and mycology in identification methodologies and findings in normal as well as disease states
- Possessing foundational knowledge of blood banking to include blood typing, antibody identification, transfusion services, neonatal workups, component therapy, and administration
- Working concept of the bodies chemistries, systems, and markers including acid/base balance, proteins, enzymes, therapeutic drug monitoring, toxicology and instrumentation
- Persevering in becoming life-long learners, exemplifying critical thinking skills and a desire for personal engagement in and out of the field

**Program Completion:**
Upon graduation from Hibbing Community College and initial employment, the medical laboratory technician will be eligible to take the ASCP Board of Registry Exam. Degree confirmation is not contingent upon the passage of the Board of Registry.

**Accreditation**
The Medical Laboratory Technology program at Hibbing Community College is accredited by The National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)
5600 N. River Rd., Suite 720
Rosemont, IL 60018-5119
773.714.8880
[http://www.naacs.org](http://www.naacs.org)
**Essential Functions:**
The following Essential Functions are intended to identify technical standards needed in the Medical Laboratory Technician curriculum and are representative of the standards expected in industry.

- Ability to see and discern colors
- Ability to understand and follow instruction from spoken material
- Ability to follow written directions and procedures
- Ability to sit, bend, reach, push, pull, and lift up to 15 lbs.
- Ability to demonstrate manual dexterity sufficient to calibrate, adjust and operate precision laboratory instruments such as microscopes, automated chemistry/cell analyzers and computers

The college will make all reasonable accommodations required by law to enable otherwise qualified individuals to participate in this program. If you have questions about these Essential Functions or reasonable accommodations, please contact the Disability Coordinator at 218-262-6745 TTY 218-262-7294

**Background Study:**
State law requires that any person who provides services that involve direct contact with patients and residents at a Minnesota licensed health care facility have a background study conducted. Background information reviewed by CastleBranch includes criminal conviction records maintained by the Bureau of Criminal Apprehension which includes felonies, gross misdemeanors, and misdemeanors, and records of substantiated maltreatment of vulnerable adults and minors, as well as a healthcare provider background check.

An individual who is disqualified from having direct patient contact as a result of the background study, and whose disqualification is not set aside by the Commissioner of Health, will not be permitted to participate in a clinical internship or a clinical placement in a licensed health care facility. Failure to participate in the clinical placement required by this program will result in ineligibility to qualify for the degree and the student will be withdrawn (dismissed) from the program.

**Immunizations:**
On campus student are required to provide proof immunizations against hepatitis B*, measles, mumps, rubella, chickenpox (Varicella), tuberculosis, diphtheria, tetanus, pertussis, and annual flu prior to beginning the clinical experience.

*Proof of hepatitis B immunizations will be required during the first semester for first-year students.

**Admissions Criteria:**
Hibbing Community College is an open enrollment campus, meaning any student with a high school diploma or GED will be accepted. Students who do not meet the above requirements may still be accepted after taking the ability to benefit exam. Applications to the on campus MLT Program will be accepted every Fall Semester on a **first-qualified, first-admitted** (based on the date of your completed application) until the class limit of 16 has been reached. Spring semester starts are not recommended but may, on a case-by-case basis, be accommodated to an enrollment not to exceed 16 students and require the Program Director’s approval. When
applicant numbers exceed program capacity, applicants are placed on a wait-list based on date of receipt of a completed application by the Admissions Office. If an applicant is not successful in gaining acceptance into the program, the applicant may request that his/her application be reconsidered for the following year. There is no additional cost for this request. Working closely with an academic advisor, students may be able to fulfill some of their general education program requirements while waiting for an opening in the program. Few MLT courses require college level reading and an arithmetic math score of 69 or higher on the Accuplacer. Students not meeting these criterion will be guided to pursue refresher or remedial courses prior to admission into the program.

**Estimated Tuition & Fees:**
Total Tuition & Fees are currently $176.97 per credit for residents and $214.40 for non-residents.

**Additional MLT Program Costs Breakdown:**
- Application Fee (one time) $20.00
- Student Life Fee $7.00 per credit
- Technology Fee $10.00 per credit
- Student Association Fee $.35 per credit
- Differential Tuition for technical courses $12.00 per technical course credit
- Textbooks $350.00 (over two years)
- Liability Insurance Fee $10.00 each fall semester
- Hepatitis Vaccine Est.: $126.00 (required)
- DHS Background Study: $20.00
- DHS Fingerprinting: $9.10
- National Background Check: $50.00

*Amounts are approximate and subject to change

**Estimated Cost for A.A.S. degree - Medical Laboratory Technician; (Resident): $13,250.00  (Non-Resident): $15,357.00**
Additional Expenses (associated with clinical experience):
- Transportation to and from clinical facilities
- Immunizations if not up to date
- Uniform requirements per site

**Need more information?**
HCC Admissions can help you with your admissions, registration and financial aid questions.
**Call, e-mail or stop in!**
Phone: 218.262.7200
Email: admissions@hibbing.edu