

**Volunteer State Community
College
Medical Laboratory Technology
Program

Information Packet**

Dear Prospective MLT Student,

The Medical Laboratory Technology Program is designed to prepare students to enter the work force as generalist Medical Laboratory Technicians (MLT). Students learn the theory and principles behind the tests they perform and learn to correlate the results with patient's conditions. Students also earn general education credits including science, math, humanities and communications which lead to an Associate in Applied Science (A.A.S.) Degree.

I encourage you to further explore this profession and our MLT program here at Volunteer State.

If you would like to schedule an advising session, please contact me at eileen.ricker@volstate.edu.

Sincerely,

Eileen Ricker

Eileen Ricker, MBA, MLS (ASCP)
MLT Program Director

Medical Laboratory Technology (also known as Clinical or Medical Laboratory Science) is a profession which combines the challenges and rewards of both medicine and science. Medical Laboratory Technicians perform a wide range of laboratory tests. Tests include, but are not limited to microscopic examination of blood, identification of bacteria and viruses, typing blood to ensure safe transfusions, and measuring the chemical content of blood. This testing helps to monitor patient health, provides diagnostic evidence of diseases (such as AIDS, diabetes, or

1. The program will educate and train students to perform as knowledgeable and competent medical laboratory technicians.
- 2.

SPRING- 1st year	Course	Hrs
Fine Arts/Humanities	*See college catalog for options	3
BIOL 2020	Human Anatomy & Physiology II (Lecture and Lab)	4
Science Elective: <u>Choose one</u>	BIOL 2230-Microbiology (Lecture and Lab) CHEM 1030-Fundamentals of Chemistry (Lecture and Lab), or a higher-level Chemistry	4
MLAB 1301	Intro to Medical Laboratory (PLA substitution may be awarded)	3
	Total	14

Courses after acceptance into the Full-Time MLT Program:

SUMMER- 2 nd year	Course	Hrs
MLAB 2401	Clinical Chemistry	4
MLAB 2402	Hematology/Hemostasis	4
MLAB 2403	Clinical Microbiology	4
	Total	12

FALL- 2 nd year	Course	Hrs
MLAB 2201	Clinical Immunology	2
MLAB 2202	Urinalysis and Body Fluids	2
MLAB 2301	Immunochemistry/ Blood Bank	3
MLAB 2130	Seminar I	1
MLAB 1510	Clinical Practicum I	5
	Total	13

SPRING- 2 nd year	Course	Hrs
MLAB 2270	Seminar II	2
MLAB 1520	Clinical Practicum II	5
MLAB 2510	Clinical Practicum III	5
	Total	12
	Program Total	67

Courses after acceptance into the Part-Time MLT Program:

SPRING- 2 nd year	
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1. ___ Complete all College Admission Criteria (<http://www.volstate.edu/Admissions/>).
2. ___ Successful completion of co-requisite courses (**if required**) as determined by the ACT and/or placement test scores. (<http://www.volstate.edu/learningcommons>)
3. ___ Complete and submit the online MLT Program Application no later than **March 15th for Full-Time Program and October 15th for Part-time Program**. The application form is available at <https://www.volstate.edu/academics/health-sciences/medlabtech/application>.
4. ___ Three reference forms completed and submitted to the Program office no later than **April 1st for the Full-Time Program and November 1st for the Part-Time Program**. Reference forms can be found in the information packet.
5. ___ Complete all general education courses required for the Associate of Applied Science Degree.
6. ___ Complete an interview for screening purposes. Applicants will be contacted at for interview dates.

After conditional acceptance into the program is granted, students must pass a background check and drug screen, and demonstrate immunity to Hepatitis B (or show proof of receiving the first Hepatitis B vaccine or sign a waiver refusing the vaccine). In addition, a color-blindness test is required. Students with abnormal results will be assessed to determine if they can successfully complete the program. Any student that can not successfully complete the program will be dismissed.

Either the failure to provide the required results by the due date or failing the background check or drug screen will make the student ineligible to continue to clinical rotations and remain in this program.

The background check, urine drug screens, Hepatitis B vaccine and other health screens are given to students after conditional acceptance into the program is granted. *Specific details are given to students after conditional acceptance into the program is granted.*

Students are responsible for any and all additional cost. These costs include but may not be limited to the following:

Students admitted into the Medical Laboratory Program are required to wear professional clothing or scrubs for all of the clinical courses, so they must purchase sufficient numbers of these uniforms.

Textbooks may be purchased at the VSCC Bookstore. Students are not limited to where they purchase textbooks.

A background check must be completed and passed before clinical practicum rotation begin.

A Drug Screen must be completed and passed before attending clinical practicum rotations.

Appropriate insurance (health and professional liability) must also be purchased. If health insurance is obtained through the Affordable Care Act, **pay attention to enrollment deadlines (often in February).**

Estimated program costs are subject to change:

1. VSCC Application Fee		free
2. Books (estimated)	Summer semester	\$500.00
	Fall semester	\$300.00
	Spring semester	\$300.00
3. Clinical costs (estimated)		
	Physical examination	possibly no cost
	Disease screening (titers)	\$ 80.00
	Hepatitis B immunization/ titer	\$250.00
	F	

Volunteer State Community College
Medical Laboratory Technology Program
Reference Form

TO THE APPLICANT: Three reference forms are due in the MLT or Health Science office by **April 1st** for **Full-Time Program** and **November 1st** for **Part-Time Program**.

Applicant Name: _____ Vol State ID Number: _____

Signature: _____ Date _____

TO THE REFERENCE: This applicant has applied to the Medical Laboratory Technology Program at Volunteer State Community College and has given your name as a reference. Your candid evaluation [_____]