

Updated 07/08/2022

# UtahStateUniversity®

## HEALTH PROFESSIONS

### **Medical Laboratory Technology**

Application and Information Packet

**DEADLINE: First Friday in August - Fall Semester**

## **Health Professions at Utah State University Blanding**

### **Medical Laboratory Technology (MLT) Program**

The Associate of Applied Science Degree is designed for students who wish to complete their education within two years plus one semester of prerequisites. The Associate of Applied Science degree is offered through the Health Professions Programs. The MLT credential requires a total of 71 credits (including prerequisites). This includes 41 credit hours of specific MLT courses.

#### **Medical Laboratory Technology Program Entrance Requirements**

Utah State University Blanding and USU Eastern both have an open admission policy. Applicants will be admitted without regard to race, color, religion, sex, national origin, age, disability, or veteran's status. In addition, discrimination on the basis of sexual orientation for employees in all aspects of employment and for students in academic programs and activities is prohibited. High school graduation is desired, but not required for classes needed to be accepted into the program. Acceptance into this program will be by the selection process.

#### **General Admissions Procedures**

To be officially admitted to the college as a full-time matriculated student, an applicant must submit the following:

1. A completed [Application for Admission to USU along with a \\$50.00 non-refundable fee.](#) **\*\*Please note: there is not an application fee for this program.\*\***
2. Official transcripts of all previous high school and/or their GED and college work if the student is a transfer student.
3. Placement and evaluation exam. ACT (American College Test), or Accuplacer or ALEKS Math Exam.
4. Must have a minimum GPA of 3.0 and maintain a 2.67 GPA throughout the program.

Notification of acceptance and resident's status will be sent from the USU Admissions Office.

A declaration of a major is accomplished through the Application for Admission. Students desiring to change their majors after acceptance are required to complete "A Change of Major" form at the Admissions and Records Office.

## Returning Students

Students who have been away for more than 2 semesters, must submit a new application for admission along with a \$20.00 reapplication admission fee. Those who have attended other colleges or universities in the interim will be asked to submit transcripts of all college credits.

## Transfer Students

A transfer student from another college or university must submit the following:

1. A completed [Application for Admission to USU](#) along with a \$50.00 non-refundable fee. **\*\*Please note: there is not an application fee for this program.\*\***
2. Official transcripts of all previous college work. (Official transcripts must be sent directly from the previous school. Hand carried transcripts will not be accepted.)
3. ACT, ALEKS Math, or Accuplacer test scores. If a transfer student has completed 20 hours and has taken an English course equivalent to our English 1010, they will not be required to take the above tests.
4. A transfer student cannot transfer credits with D or E (F) grades or credits from developmental or remedial courses. Grades of C or better will be allowed for all classes required for the Program. Credits from remedial classes will not be accepted.
5. The student must be in good standing and eligible to re-enroll at the college or university where they were most recently registered.
6. Transfer students will not be matriculated until official transcripts of all previous college or university work are submitted to USU Eastern Blanding.

## Students with Disabilities

If a student has a disability that qualifies under the Americans with Disabilities Act (ADA) and requires reasonable accommodation, that student should contact the Disability Resource Center (DRC) for information on appropriate policies and procedures. Students may contact the DRC to determine if they qualify for accommodations. Disabilities covered by ADA may include learning, sensory, emotional, physical or medical impairments. Students may call directly to the USU DRC at 1-435-797-2444. Students should contact the DRC as early in the semester as possible.

## Application Requirements Checklist

Complete the Medical Lab Technology Program Application and return it to:

Health Professions Coordinator/Advisor - Teryn Lyman  
Utah State University Blanding  
576 West 200 South  
Bradford Lee Technology BLDG Room 208  
Blanding, UT 84511  
435-678-8208  
[teryn.lyman@usu.edu](mailto:teryn.lyman@usu.edu)

Henock Haile, PhD, MLS (ASCP)  
MLT Program Director/Instructor  
USU Eastern Campus  
Reeves Building  
Price, UT 84501  
435-613-5841  
[henock.haile@usu.edu](mailto:henock.haile@usu.edu)

Health Professions Advisor – Danyan Powell  
Utah State University Eastern  
451 East 400 North  
One Stop Building Room 111  
Price, UT 84501  
435-613-5351  
[danyan.powell@usu.edu](mailto:danyan.powell@usu.edu)

Spencer Spotted Elk, MLS (ASCP)  
MLT Program Instructor  
344 West 800 North  
Health Professions BLDG #111B  
Blanding, UT 84511  
435-678-8223  
[spencer.spottedelk@usu.edu](mailto:spencer.spottedelk@usu.edu)

1. **Advising** - Students interested in the Medical Lab Technology Program must complete a MLT Application and provide it and all required documents **PRIOR** to registering for MLT classes to one of the Health Professions Advisors.
2. **Registration Date and Time** - Please visit the USU Website for registration information.
3. **All immunization records and copies of certificates should be given to the Health Professions Programs Advisor, Teryn Lyman or Danyan Powell.**
4. **Upon acceptance into the program, a background check and drug screen will be required. The background check and drug screen must be ordered from CastleBranch for your Compliance Tracker packet. Please use this link: [portal.castlebranch.com/ut61](http://portal.castlebranch.com/ut61) A fee will be charged.**
5. **If student is attending USU Blanding, drug screens will be completed on campus. Student should pay USU Blanding Cashier, he/she should then bring the receipt to Teryn Lyman, Health Professions Coordinator/Advisor.**  
**Moab students will be tested through Elwood Staffing.**  
**Eastern Campus students should order background check and drug screen on CastleBranch following the link under #4. Then see Henock Haile in the Reeves Building, office 251 for paperwork and instructions.**
6. **CPR Requirement** -  
Students must take a Healthcare Provider CPR course and receive a CPR card to meet the CPR requirement. Periodically, CPR courses are offered on campus. Please make arrangements to attend (including notifying other instructors). This must be completed by the middle of Semester One. CPR certification is usually valid for 2 years.

## 7. Required Immunizations\*\*

All immunizations below are required. All records must be complete and on file with Health Professions PRIOR to beginning your program.

**Twinrix (Hepatitis A & B) series:** The first injection of the series needs to be completed prior to Semester One or in the initial weeks of the semester. The second injection is given on day 7 after the first injection. The third injection is completed 21 days after the first injection of the series. A booster is required in one year.

**MMR:** Documentation of two MMR immunizations, or a titer indicating immunity, needs to be completed prior to the end of Semester One. If you do not have childhood immunization records, it is recommended that you begin these immunizations or obtain a titer before beginning the program. All students born after 1964, who received their MMR immunizations, will require a booster.

**TB:** Documentation of a recent two-step TB test is required during the initial weeks of semester one. You can have this test up to 3 months before starting the program. TB tests are good for one year. If yours will expire prior to completion of the program, you will need to repeat it.

**Varicella:** At least one Chicken pox vaccination or titer indicating immunity.

**Tdap:** At least one pertussis immunization as an adult.

**Meningococcal:** One dose

**Influenza:** Seasonal as required by facility.

**Covid Vaccination:** Two Covid vaccinations + one booster.

***\*\*To complete the program successfully, students will need to be fully vaccinated against Covid-19 SARS virus. This is the requirement of our clinical affiliates in order to students to enter their facilities to complete clinical rotations.\*\****

**Make sure you turn in your immunization records to Health Professions Programs Advisor, Teryn Lyman ([teryn.lyman@usu.edu](mailto:teryn.lyman@usu.edu)) or Danyan Powell ([danyan.powell@usu.edu](mailto:danyan.powell@usu.edu)) along with your application.**

### Program Acceptance

If a student's application is incomplete at the time of registration, the student will not be admitted to the program. Once the student as completes the requirements for entrance into the program, the student will be invited to attend an interview. Student will be advised of acceptance into the program by the MLT Program Director.

### Practicum Orientation

Prior to initiating any clinical externship, students are required to attend an orientation with the appropriate hospital that they will be attending for their clinical experience. At times, this may

require students completing experience at more than one hospital to attend orientations for each hospital that they will be working under.

### Clinical Experience

**Medical Lab Technology Externships:** Our MLT students will train in clinical settings. After students demonstrate proficiency in all areas of clinical aspects through course work and practicums, students will be placed in clinical rotations to get the best experience possible. These clinical rotations are an important part of the program. Students must commit to attending all clinical rotations that they are scheduled to participate in. Students are responsible for travel costs and must have a reliable source of transportation to their clinical rotations.

***The USU MLT program utilizes the following training facilities:***

- Ashley Regional Medical Center – Vernal, UT
- Blue Mountain Hospital – Blanding, UT
- Castleview Hospital – Price, UT
- Intermountain Health System – Provo, UT
- Moab Regional Hospital – Moab, UT
- Sage Memorial Hospital – Ganado, AZ
- San Juan Hospital – Monticello, UT
- Southwest Memorial Hospital – Cortez, CO

### Medical Laboratory Technician Program Requirements

**PREREQUISITES:**

ENGL 1010	Introduction to Writing	3
CHEM 1010	Introduction to Chemistry	3
CHEM 1015	Introduction to Chemistry Lab	1
STATS 1045	Introduction to Stats w/Elements of Algebra <b>OR</b>	5
STATS 1040	Introduction to Statistics	3
	TOTAL	9-12

**\*\*\* HEAL 1500, Anatomy & Physiology; HEAL 1008, Medical Terminology; and HEAL 1860, Phlebotomy are not required but are strongly encouraged.\*\*\***

**SEMESTER 1:**

ENGL 2010	Intermediate Writing	3
BIOL 1010	Biology and the Citizen	3
BIOL 1013	Biology and the Citizen Lab	1
PSY 1010	General Psychology	3
MLT 1010	Introduction to Medical Laboratory	3
	TOTAL	12-13

**SEMESTER 2:**

CHEM 1110	General Chemistry I	4
CHEM 1115	General Chemistry I Lab	1
MLT 2230	Urinalysis & Other Body Fluids	4
MLT 2240	Hematology	6
	TOTAL	14-15

**SEMESTER 3:**

CMST 2110	Interpersonal Communication	3
MLT 2270	Immunology/Serology	3
MLT 2430	Clinical Chemistry I	3
MLT 2570	Clinical Microbiology I	5
TOTAL		14

**SEMESTER 4:**

MLT 2280	Immunoematology	5
MLT 2450	Clinical Chemistry II	4
MLT 2580	Clinical Microbiology II	5
MLT 2550	Practicum in Medical Technology	3
TOTAL		17

**\*\*A total of 20 students will be accepted into the MLT Program. Ten will be accepted from the Price Campus; ten students will be accepted between the Blanding and Moab campuses.**

**Essential Functions:**

These are abilities and skills which students must possess in order to successfully complete the training associated with the curriculum of MLT Program. In addition to the academic admission requirements, the following essential functions are required for all students entering the MLT Program.

MLT students must:

- Possess sufficient manual dexterity and good hand-eye coordination to obtain and manipulate specimens, reagents, glassware, instruments and equipment.
- Be able to move easily from one location to another in the laboratory to do testing and through patient areas to perform specimen collection.
- Be able to visualize objects through a microscope and distinguish color, shape and structure of organisms and cells.
- Be capable of identifying and differentiating appearance, clarity, color, consistency during macroscopic examination.
- Possess effective written and oral communication skills in order to accurately transmit information to patients, physicians and other healthcare professionals.
- Be able to maintain patient confidentiality and to exercise ethical judgment, integrity, dependability and accountability.
- Be able to function effectively under stress and to adapt to rapidly changing environment and technology.
- Be able to work independently as a member of a team to maintain the highest standards in the delivery of patient care.
- Be capable of recognizing limitations in their knowledge, skills and abilities and to seek appropriate assistance with their identified limitations.

**Criteria for successful completion of the MLT Program:**

To successfully complete the MLT Program, students must pass all of the MLT required courses with a minimum GPA of 2.67. Upon successful completion of these courses, the student will be awarded an Associate Degree of Applied Sciences from Utah State University Blanding.

Graduation from the USU MLT program is contingent on completing all of the requirements for graduation and successful completion of the program. Although students are encouraged to sit

for the National Certification Exam, a student's graduation is not contingent on sitting for the exam.

**National Certification and Examination:**

The Utah State University Eastern, Utah State University Moab and Utah State University Blanding Medical Laboratory Technician programs are under “**Serious Applicant**” status for accreditation through the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). Students are now eligible to sit for national certification exam through American Society of Clinical Pathology (ASCP) or American Medical Technologists (AMT).

NAACLS is committed to being the premier agency for international accreditation of educational programs in the clinical laboratory sciences and related health care disciplines.



NAACLS  
5600 N River RD, STE 720  
Rosemont, IL 60018-5119  
[info@naaccls.org](mailto:info@naaccls.org)

## Health Programs: Medical Lab Tech Program Checklist

- Apply to Utah State University on the campus you plan to attend
- Submit Complete Medical Lab Technician Program Application, along with immunization Records
- Complete Drug Screen
- Complete Background Check through CastleBranch ([portal.castlebranch.com/ut61](http://portal.castlebranch.com/ut61))
- If student is attending on the Eastern campus, they should apply for background check as well as drug screen through CastleBranch at the link listed above.
- Hospital Orientation: This will be scheduled with the instructor

***Application packet deadline: First Friday in August for Fall Semester***

A copy of the above documentation needs to be on file at Utah State University Blanding, and one copy maintained and updated as appropriate by the student.

Please submit application and all documents to:

Utah State University Blanding  
Teryn Lyman, Health Professions Coordinator/Advisor  
576 West 200 South  
Bradford Lee Technology BLDG #208-B  
Blanding, UT 84511  
435-678-8208  
[teryn.lyman@usu.edu](mailto:teryn.lyman@usu.edu)

**OR**

Utah State University Eastern  
Danyan Powell, Health Professions Advisory  
451 East 400 North  
One-Stop Building #111  
Price, UT 84501  
435-613-5351  
[danyan.powell@usu.edu](mailto:danyan.powell@usu.edu)

**OR**

Utah State University Blanding  
Spencer Spotted Elk, MLS (ASCP)<sup>CM</sup>, Instructor  
344 West 800 North  
Blanding, UT 84511  
435-678-8223  
[spencer.spottedelk@usu.edu](mailto:spencer.spottedelk@usu.edu)

**OR**

Utah State University Eastern  
Henock Haile, PhD, MLS (ASCP)<sup>iCM</sup>, Program Director  
451 East 400 North  
Reeves Building  
Price, UT 84501  
435-613-5841  
[henock.haile@usu.edu](mailto:henock.haile@usu.edu)

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## HEALTH PROFESSIONS

Updated 07/8/2022

### MEDICAL LAB TECHNICIAN PROGRAM

**DEADLINE: First Friday in August (Fall Sem)**

#### Application

Name (Print) \_\_\_\_\_ Last  
First Middle

Names Previously used: \_\_\_\_\_

Student USU A# \_\_\_\_\_

Campus attending: \_\_\_\_\_

Phone: Day \_\_\_\_\_ Evening \_\_\_\_\_ Cell \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Age \_\_\_\_\_ High School Attended \_\_\_\_\_

Email Address \_\_\_\_\_  
(This email will be used to contact you about the MLT Program)

Emergency Contact \_\_\_\_\_ Phone \_\_\_\_\_

**I have provided true, complete and correct information on this application. I have read and understand the information presented in this packet.**

Signature \_\_\_\_\_ Date \_\_\_\_\_