

## PROGRAM DESCRIPTION

The Medical Laboratory Technology Program is a state accredited two-year program resulting in an Associate in Science Degree in Medical Laboratory Technology.

This program prepares students for employment in clinical laboratories, hospitals, and research laboratories. The MLT Program curriculum, an integration of classroom lectures, student laboratories, and clinical training, fosters development of analytical and problem solving skills required in this profession.

After successful completion of the program, students may sit for the national exam.

This new job area is experiencing increasing demand in both hospitals and biotechnical labs, particularly pharmaceutical labs conducting human research.

An MLT earns approximately \$40,000 per year.



### PREREQUISITES (must be completed with minimum GPA of 2.5):

- Anatomy (4 semester units or 6 quarter units)
- Physiology (4 semester units or 6 quarter units)
- Microbiology (4 semester units or 6 quarter units)
- Prep General Chemistry (4 semester units or 6 quarter units)
- Phlebotomy Certification – if applicable and current – **but may be taken concurrently or upon program entry; check with department**

Completing program prerequisites does not assure admission into the program.

### OTHER REQUIREMENTS:

Courses required by College of the Canyons to obtain an associate degree.

### APPLICATION PROCEDURE: Follow these steps in this order by the posted deadlines at [www.canyons.edu/mlt](http://www.canyons.edu/mlt)

1. Submit College of the Canyons application and obtain a student identification number.
2. Submit the following documents to Admissions and Records:
  - Official sealed transcripts from **all** colleges attended, except COC (must include all coursework regardless if MLT prerequisites or not)
  - For transcripts from other countries, an official sealed foreign transcript evaluation from a **NACES approved agency**  
*NOTE - AACRAO Evaluated transcripts are not accepted by COC. However required for Lab Field Services. Students who have foreign evaluated transcripts must use one*

*of the NACES approved agencies listed in the above link for COC application procedures. This may require students to get two evaluations one for COC and one for Lab Field Services.*

3. Submit MLT Program Application to the School of Mathematics, Sciences, and Health Professions Office (**accepted once a year for subsequent spring and fall semesters; check website for exact dates**). Must attach the following: 1) A copy of high school transcript, copy of diploma **OR** copy of GED certificate if no college degree is posted on transcript (*required for State certification*); if from foreign country, must provide translation; and 2) Phlebotomy certificate, if applicable and current. **Incomplete applications will not be eligible for evaluation.**
4. The MLT application and official transcripts will be evaluated to determine if applicant meets current MLT Program selection criteria. Applicants will not be eligible for selection if admission requirements are not met.

### SELECTION CRITERIA including but not limited to the following:

- To be considered for entrance, all science courses must be completed with a grade of “C” or higher. Completing the prerequisites, however, does not assure admission into the program.
- Final selections are made using random selection. Qualified applicants not selected must reapply in order to be considered. The School of Mathematics, Sciences, and Health Professions Office does not retain applications.

### TRANSFER REQUESTS:

- Students may apply for transfer into the MLT program by following the application procedure above. Applicants will not be eligible for transfer if admission requirements are not met.
- If applicant is eligible, the MLT Director will evaluate MLT related coursework to determine equivalency.
- Applicants will be notified in writing of their eligibility status.

**MLT COURSES UPON ACCEPTANCE INTO PROGRAM:**

*(63.75 units of required core coursework)*

MLT 110	Clinical Hematology Lecture (3.0 units)
MLT 110L	Clinical Hematology Lab (1.0 units)
MLT 112	Clinical Urinalysis Lecture (1.0 units)
MLT 112L	Clinical Urinalysis Lab (.50 units)
MLT 114	Clinical Coagulation Lecture (1.0 units)
MLT 114L	Clinical Coagulation Lab (.75 units)
MLT 116	Clinical Microbiology Lecture (3.0 units)
MLT 116L	Clinical Microbiology Lab (1.0 units)
MLT 118	Clinical Immunology-Immunochemistry Lecture (3.0 units)
MLT 118L	Clinical Immunology-Immunochemistry Lab (1.0 units)
MLT 120	Clinical Chemistry I Lecture (3.0 units)
MLT 120L	Clinical Chemistry I Lab (1.0 units)
MLT 124	Clinical Chemistry II Lecture (3.0 units)
MLT 124L	Clinical Chemistry II Lab (1.0 units)
MLT 128	Clinical Hematology-Urinalysis- Coagulation Practicum (4.0 units)
MLT 129	Clinical Microbiology Practicum (4.0 units)
MLT 130	Clinical Immunology-Immunochemistry Practicum (3.0 units)
MLT 131	Clinical Chemistry Practicum (4.0 units)



**COST OF PROGRAM:**

In addition to the purchase of textbooks, supplies and uniforms, students will pay a college enrollment fee, health fee and student body fee. Students accepted into the program are required to have a physical examination, required immunizations, current CPR card, current Fire Card, malpractice insurance, drug screening, and background check. Students must provide their own living expenses and have transportation to off-campus sites. Limited educational grants and loans are available.

**INFORMATION:**

Students are advised to make an appointment with a COC counselor each semester for advisement of MLT/Associate of Science requirements. For further information, contact Counseling at (661) 362-3287. Students may also contact the School of Mathematics, Sciences, and Health Professions Office at (661) 362-3557.

**SCHOOL OF MATHEMATICS, SCIENCES, AND  
HEALTH PROFESSIONS**

**Medical Laboratory Technician**

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[www.canyons.edu/mlt](http://www.canyons.edu/mlt)

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