

MLT Program Mission Statement

The mission of the Medical Laboratory Technician program at College of the Canyons is to prepare entry level medical laboratory technicians by providing an accessible and enriching quality educational program, that fosters technical competencies and workforce skills that comply with accreditation and industry standards. The program aims to promote lifelong learning to positively contribute to the discipline of laboratory medicine, the healthcare community, and society.

MLT Program Objectives

In pursuit of the MLT program mission, the faculty endeavors, throughout the program to:

1. Participate in the process of counseling and assisting interested students preparing for admission to the program.
2. Recruit, admit, and retain qualified, diverse applicants who progress through the program in a timely manner.
3. Maintain uniformly and consistently high standards of academic achievement and demonstrate entry-level competence in initial employment.
4. Provide students with assistance to promote success.
5. Provide and maintain an integrated, current, and consistent curriculum which meets the needs of student, graduate, faculty, consumer, and health care providers.
6. Maintain department protocol which promotes student expression and participation in class and program governance.
7. Produce graduates who attain eligibility for the nationally recognized certification exam for licensure.
8. Promote professionalism and commitment to providing quality patient care.
9. Remain current as a faculty in laboratory medicine and community issues, adult teaching and learning theory, and technological advances.
10. Foster in students and graduates a commitment to excellence in practice and continued learning.
11. Produce graduates that satisfy all the requirements for an Associate of Science degree in Medical Laboratory Technician from College of the Canyons.
12. To achieve and maintain accreditation of the MLT program through the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS).

MLT Program Overview

(Complete description for Medical Laboratory Technician program is found in the College of the Canyons catalog)

The Medical Laboratory Technician (MLT) program prepares students for employment in clinical laboratories, physician offices and industry. The MLT program curriculum, an integration of classroom lectures, student laboratories, and clinical training, is designed to promote the development of analytical and problem solving skills required in this profession.

All students admitted to the program must complete the general education requirements for an Associate Degree. Required courses for entry into the MLT program include Phlebotomy, 8 units of Anatomy and Physiology, Introduction to Microbiology, and Preparatory General Chemistry.

Upon entry into the MLT program, lectures, student laboratories and clinical rotations will provide specific theoretical and laboratory experiences in Clinical Chemistry, Laboratory Operations Immunology/Serology, Microbiology, Hematology, Coagulation, Immunohematology, Specimen Processing/Receiving and Body Fluids. Students participate in a 21-week clinical rotation (accomplished in a 2 semester format) in local hospital and healthcare laboratories. During these clinical rotations, students learn to apply theoretical knowledge, learn testing procedures and gain practical exposure and experience in clinical laboratory operations. These 21 weeks are divided into three 216 hour rotations and one 162 hour rotation.

Upon successful completion of all courses specific to the MLT program and College of the Canyons general education requirements, the student will be eligible to petition to graduate with an Associate of Science degree in Medical Laboratory Technology. (See the College of the Canyons catalogue for specific directions). Students completing the MLT Program curriculum at College of the Canyons are eligible to sit for the California state certification examination for MLTs.