

## OVERVIEW

A Medical Laboratory Technician, is a health professional that performs clinical lab tests and interprets results in chemistry, hematology, urinalysis, immunology, immunohematology, and microbiology laboratories. The tests are performed on body fluids to help diagnose and treat diseases, and to monitor health status. The results interpretation provides quality information for patient diagnosis and treatment. MLTs use different electronic and manual methods to analyze blood, urine, and other body fluids. They use different techniques to identify organisms such as bacteria, parasites, and fungi.

## ADMISSIONS

Qualification is based on a best qualified, first accepted rating system for (a) grades of completed prerequisites and (b) grades of completed support courses. Selection is based on total qualifying score in rank order from the highest until admission quota is reached. Priority selection is given to Hawai'i State residents; nonresidents will be considered after all qualified residents have been accommodated per Board of Regents Policy 5.211. Applications are located online via the KCC website on the MLT program page.

## ADMISSION CRITERIA

- High School diploma or equivalent
- Admission to Kapi'olani Community College
- KapCC cumulative GPA > 2.0
- Completion of prerequisites
- Meet the application deadline
- Attend an Information Session

## PROGRAM CURRICULUM

In addition to the courses listed below, you must fulfill the Arts & Humanities courses, as well as Social Science courses to complete a KCC A.S degree.

### Prerequisite Courses

ENG 100 (English)  
MATH 103 (College Algebra) or higher  
BIO 130 *or* BIO 171 *or*  
    PHYL 141 & 142 (A&P)  
CHEM 161 (Chemistry)  
CHEM 161L (Chemistry Lab)  
MICR 161 (Immunology and  
Protein Chemistry)

### Support Courses

CHEM 162 (Chemistry II)  
CHEM 162L (Chemistry Lab)  
MICRO 130 (General Microbiology)  
AS/SS (Social Science)  
AS/ASH (Humanities)

### First Semester (SPRING)

MLT 107 (Microbiology)  
MLT 108 (Hematology)  
MLT 118 (Body Fluids)

### Second Semester (SUMMER)

MLT 112 (Biochemistry)  
MLT 100B (Phlebotomy Practicum)

### Third Semester (FALL)

MLT 204 (Blood Bank)  
MLT 207 (Microbiology II)  
MLT 211 (Microscopy)  
MLT 212 (Biochemistry II)

### Fourth Semester (SPRING)

MLT 240 (Seminar)  
MLT 230 (Blood Bank Rotation)  
MLT 232 (Chemistry Rotation)  
MLT 234 (Microbiology Rotation)

MLT 236 (Hematology Rotation)

MLT 238 (General Rotation)

\*MLT 100 is a required course for admission which must be taken prior to enrolling into the MLT Program. The course provides an overview of the MLT program.

## INFORMATION SESSION

Information sessions are designed to introduce you to Medical Laboratory Technician program. You'll meet the program director, learn more about your career pathway, admission requirements and program curriculum, application requirements (prerequisite and support courses), selection criteria, program costs, financial aid, and counselor contacts. Attendance at an information session within one year of your application submission is mandatory. Information sessions are held monthly, no need to register, just show up!

## CERTIFICATION AND LICENSURE

Upon completion of the MLT program, the student becomes eligible to take the American Society for Clinical Pathology (ASCP) certification exam administered by Board of Registry. In the State of Hawaii, graduates must apply for license to practice as Medical Laboratory Technicians

## ACCREDITATION

The Medical Laboratory Technician Program is accredited by:

National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)  
5600. N. River Road, Suite 720  
Chicago, Illinois 60018  
(773) 714-8880

## OTHER REQUIREMENTS

- Professional liability insurance, which costs about \$15 per year.
- Immunizations: immunization for Hepatitis B virus is highly recommended.
- Record of immunizations for: MMR, Chicken Pox, Tuberculosis (TB), and Influenza
- CPR/AED
- Clinical affiliates may have additional requirements (criminal background check, online training)

## CONTACTS

MLT Program Director:  
Shepherd Maingano, PhD, MT (ASCP)  
[maingano@hawaii.edu](mailto:maingano@hawaii.edu)

Faculty & Clinical Coordinator:  
Kelie Augustine, MT (ASCP)  
[kelieaug@hawaii.edu](mailto:kelieaug@hawaii.edu)

## FINANCIAL AID

The Financial Aid office is located at:

**Kapi‘olani Community College**  
**Kekaulike Information and Service Center**  
**(KISC)**

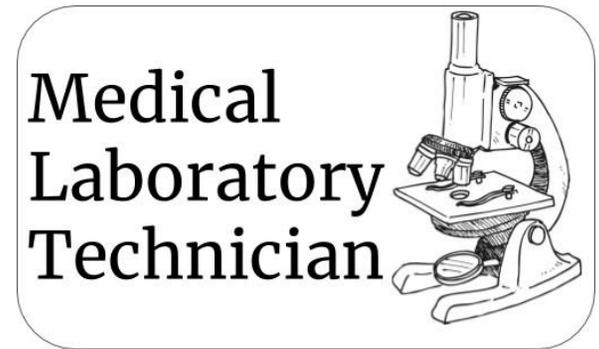
4303 Diamond Head Road  
Ilima Building, Room 102  
Honolulu, HI 96816

Email: [kapfao@hawaii.edu](mailto:kapfao@hawaii.edu)  
Phone: (808) 734-9537  
Mon – Fri, 8:00am – 4:00pm

## ADVISING

**Seek Advising in the Health Careers Counseling Center** (Kauila106). Walk-in Advising (no appointment needed):  
M & W 9:00-11:30am & 1:00-3:00pm  
T & Th 9:00-11:30am & 1:00-2:00pm  
Phone/Email: 808-734-9224 [hlthsci@hawaii.edu](mailto:hlthsci@hawaii.edu)

For more information about the program, go to:



## MISSION STATEMENT

The mission of the Medical Laboratory Technician program is to deliver and maintain a student-centered clinical laboratory education program that employs industry standards through partnerships with the healthcare community.

## MLT PROGRAM GOALS

- ❖ Prepare graduates for entry level clinical laboratory technicians positions
- ❖ Provide qualified Medical Laboratory Technicians for the clinical laboratories of Hawaii
- ❖ Maintain an up-to date curriculum that serves the needs of the students and the community
- ❖ Serve as an educational resource for the laboratory community