



College to Career Connection

Medical Lab Technician

What is Medical Lab Technician?

A medical laboratory technician (MLT) is an important part of the health care team, specifically the clinical laboratory. They perform specimen collection (phlebotomy) from patients and analyze patient samples as requested by the patient's healthcare provider. MLTs work under the supervision of the Clinical Laboratory Scientist (CLS) to perform moderate complexity testing on patient samples. MLTs are trained to maintain, operate, and troubleshoot automated medical instrumentation and equipment.

The Medical Laboratory Technology Associate Degree program at COC prepares students for employment in clinical laboratories, industry and biotechnology. 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. Once admitted to the MLT Program students are required to complete lab experiences at affiliated hospitals and clinical labs. Currently, there is approximately between 10-20% vacancy rate statewide.

[COC - Medical Laboratory Technician Associate in Science](#) - will not transfer to a 4 year institution

Potential Industries/Employers

- Hospitals
- Clinics
- Pharmaceutical companies
- Private or group practice
- Health networks
- Rehabilitation centers
- Federal, state, & local health departments
- Government agencies
- Community health clinics

Possible Job Titles

- Medical Technologist
- Blood Bank Specialists
- Chemical Laboratory Technicians
- Medical Technologist
- Microbiologist
- Histotechnologists
- Medical Technologists
- Clinical Laboratory Scientist
- Research Assistant

How this Major Helps You Move Forward:

Skills Advancement

While College of the Canyons does not endorse all of these opportunities, we aim to provide access:

- [Internships](#) and [COC Career Center](#)
- [Providence Holy Cross Volunteer](#)
- [Society for Young Clinical Laboratorians \(SYCL\)](#)
- [MentorNet](#)
- [American Association for Clinical Chemistry Webinars](#)

CSU/UC Major Preparation (BA/BS)

- [CSUDH: Clinical Science B.S. Medical Technology Option](#)
- [CSUCI: Health Science B.S.](#)
- [UCR: Biochemistry B.A./B.S.](#)
- ... and more!

Additional information can be found at:

- [What Can I do With this Major](#)
- [COC Medical Lab Technician Department](#)
- [Assist: Student Transfer Information System](#)
- [Occupational Outlook Handbook](#)
- [O*NET OnLine: Job and Career Exploration](#)
- [Linkedin Alumni Tool](#)
- [Candid Career Videos](#)

Associations

Association is a group of people who come together for a common purpose. You can find helpful information about jobs and careers.

- [American Medical Technologists \(AMT\)](#)
- [American Society for Clinical Pathology \(ASCP\)](#)
- [Association of Schools of Allied Health Professions \(ASAHP\)](#)
- [Directory of Associations](#)

This is a general information. It is not an exhaustive, comprehensive list. For specific information on majors and careers please connect with your professors and visit the counseling center at <https://www.canyons.edu/student-services/counseling> | 3/26/21