

MEDICAL LABORATORY TECHNOLOGY

Higher Education Center at National City

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Department Web Site: <https://www.swccd.edu/programs-and-academics/programs/medical-laboratory-technician.aspx>

Map: <https://goo.gl/maps/NbVD4ovHYGB2> (<https://goo.gl/maps/NbVD4ovHYGB2/>)

General Description

A medical laboratory technician performs routine clinical laboratory testing procedures to provide scientific information needed in diagnosis, prognosis, and treatment of disease. Technicians use sophisticated instrumentation for these evaluations which encompass quantitative and qualitative chemical and biological analyses of body fluid specimens. Technicians function under the supervision of a qualified practitioner.

Career Options

A Medical Laboratory Technician's (MLT) responsibilities will vary according to the size of the institution for which they are employed and the extent of services it offers. This work may include:

- Performing routine tests in the medical laboratory for use in prevention, diagnosis, treatment, and management of disease.
- Collecting specimens, cultivating, isolating, and identifying micro-organisms for analysis.
- Using sophisticated biomedical instruments to generate accurate and reliable test results.
- Performing medical research to further control and cure diseases.

Program Goals

- To produce graduates eligible to take nationally recognized certification examination.
- To facilitate and foster the values necessary to practice laboratory medicine within the ethical and legal framework of the profession and the community.
- To produce students who exhibit professional behavior consistent with current academic and professional standards.
- To develop students who can analyze, interpret and perform laboratory tests proficiently.
- To help students acquire and strengthen problem solving and critical thinking skills.
- To provide graduates with the skills necessary to secure entry-level employment as a medical laboratory technician.
- To assist students in performing all necessary duties in a safe environment utilizing all the latest techniques in the laboratory arena.
- To produce students who have the knowledge and respect needed to safely deal with hazardous materials.
- To develop positive student attitudes for the pursuit of lifelong professional growth and development.

For more information email: mtribolet@swccd.edu

Degree/Certificate Options	Major Code
Associate in Science Degree: Career/Technical	
Medical Laboratory Technician (http://catalog.swccd.edu/associate-degree-certificate-programs/medical-laboratory-technology/medical-laboratory-technician-as/)	02385

Consult with a counselor to develop a Student Education Plan (SEP), which lists the courses necessary to achieve your academic goal.