

**Western Dakota Technical Institute
800 Mickelson Drive
Rapid City, SD 57703-4018**

Master Syllabus

Course Number: MLT 275
Course Name: Medical Laboratory Technician Clinical
Credits: 12
Contact Hours: 480 clinical hours throughout the course

Course Description: The clinical practicum is designed to give the medical laboratory technician student experience in a clinical setting. Affiliated medical laboratories will provide students with observation, practice, and performance of laboratory tests and procedures. Students will rotate through phlebotomy, hematology, hemostasis, urinalysis and body fluids, chemistry, serology, microbiology, and immunohematology.

Prerequisites: Successful completion of the first three semesters of MLT courses

Co-requisite: MLT 280

Grade Requirement: A minimum grade of C must be earned in this course to be eligible to graduate from the Medical Laboratory Technician Program.

Textbooks: <http://bookstore.wdt.edu>

Materials: None

Student Learning Outcomes:

- Demonstrate punctuality, accountability, professionalism, and employability while adhering to facility policies
- Perform safety and compliance while participating and performing clinical laboratory procedures and tests
- Demonstrate an understanding of the role of the Medical Laboratory Technician in the full scope of the patient and healthcare team
- Explain principles and theories of all laboratory testing performed
- Apply and adhere to quality control standards for all clinical laboratory testing, including operation and maintenance of instrumentation

Assessment: The core abilities of life skills, analytical skills, communication skills, technology skills, teamwork techniques, social values, and employability will be assessed throughout this course.

ADA Accommodations: Students Rights to Assistance or Accommodations: If you have a documented disability for which you are or may be requesting accommodations, you should contact your instructor and the Disability Coordinator as early as possible in the semester.

Notice of Non-Discrimination: Western Dakota Technical Institute does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Disability Coordinator.