

## MLTC 113R: Clinical Chemistry

The investigation into the human physiology of enzymes, carbohydrates, lipids, proteins, electrolytes and hormones are an important function in a clinical laboratory in regards to the diagnosis and monitoring of disease states. Clinical Chemistry reviews the function of these chemicals and introduces clinical chemistry tests and instrumentation used for their identification and quantitation. Conditions and disease states associated with abnormal findings of these elements are also discussed in limited detail. Laboratory sessions support information provided in lecture as well as emphasizing the importance of accuracy and precision in testing.

**Credits:** 4

**Lab Hours:** 3

**Lecture Hours:** 3

**Prerequisites:**

MLTC 126R

CHEM 140R

**Co-Requisites:**

MATH xxxR

**Program:** [Medical Laboratory Technician](#)