

# North Hennepin Community College

## MLT 2380: Applied Chemistry

### A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: 2

Lab Hours/Week: 2

OJT Hours/Week: \*.\*

Prerequisites:

This course requires all eight of these prerequisites

MLT 2150 - Clinical Immunohematology

MLT 1250 - Clinical Immunology (Minimum grade: 1.67 GPA Equivalent)

MLT 1000 - Clinical Laboratory Basics (Minimum grade: 1.67 GPA Equivalent)

MLT 1100 - Clinical Urinalysis/Body Fluids (Minimum grade: 1.67 GPA Equivalent)

MLT 1200 - Clinical Laboratory Instrumentation (Minimum grade: 1.67 GPA Equivalent)

MLT 2050 - Clinical Hematology (Minimum grade: 1.67 GPA Equivalent)

MLT 2080 - Clinical Microbiology

MLT 2100 - Clinical Chemistry

Corequisites: None

MnTC Goals: None

The course provides the student with experience in the clinical chemistry laboratory as well as study in the theory and principles involved.

Prerequisite: Completion of MLT Didactic Courses

**B. COURSE EFFECTIVE DATES:** 08/27/1997 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Various chemistry diagnostic tests and methods as performed at the clinical site.

### D. LEARNING OUTCOMES (General)

1. Apply the principles and methodologies of clinical chemistry analysis to the clinical setting and to demonstrate competency in specified procedures.  
(MLT Program Goals A, B, C, D, E, F, G, H, I, J, K and M. I. 1 & 2; NHCC Core Ability, competencies a, c)

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted