

# North Hennepin Community College

## MLT 2320: Applied Hematology

### A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

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

This course is designed to give the student clinical experience in the area of hematology and body fluids.

Prerequisite: Admission to the MLT Program. Completion of MLT Didactic Courses

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

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Topics covered include: Various hematology diagnostic tests and methods as performed at the clinical site. The study of the theory and principles involved in those tests.

### D. LEARNING OUTCOMES (General)

1. Apply the principles and methodologies of basis hematology testing, including manual methods, Cell counts, CSF and body fluids, special tests, differentials and coagulation. (MLT Program Goals A, B, C, D, F, G, H, I, J, K and M, II, 5)

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted