

# North Hennepin Community College

## MLT 1250: Clinical Immunology

### A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites:

This course requires the following prerequisite

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

Corequisites: None

MnTC Goals: None

This course introduces students to the basic elements of the immune system and provides for application of the principles of immunology to immunologic techniques utilized in the clinical laboratory.

Prerequisite: Admission to the MLT Program; MLT 1000 Clinical Laboratory Basics

**B. COURSE EFFECTIVE DATES:** 05/26/2009 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. See Course Description and Course Outcomes

### D. LEARNING OUTCOMES (General)

1. Discuss and correlate the characteristics and functions of the components of the immune system. (NHCC ELOs 1, 2)
2. Discuss the basis of antigen/antibody reactions. (NHCC ELOs 1, 2)
3. Describe the principles and problems with various testing systems used for immunology procedures. (NHCC ELO 1)
4. Accurately perform specified laboratory procedures. (NHCC ELOs 1, 2)
5. Correlate immunology test results to diagnostic significance. (NHCC ELOs 1, 2, 4)

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

1. Knowledge of Human Cultures and the Physical and Natural World--Through study in the sciences, mathematics, social sciences, humanities, histories, languages, the arts, technology and professions.
2. Intellectual and Practical Skills--Including: Inquiry and analysis; Critical and creative thinking; Written and oral communication; Quantitative literacy; Information literacy; Teamwork and problem solving.
4. Integrative and Applied Learning--Including: Synthesis and advanced accomplishment across general education, liberal studies, specialized studies and activities in the broader campus community.