

# North Hennepin Community College

## MLT 1000: Clinical Laboratory Basics

### A. COURSE DESCRIPTION

Credits: 1

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course will introduce the student to the general role of health care provider as well as the specific role of the Medical Laboratory Technician. Basic aspects of medical terminology, laboratory safety, quality control, microscopy, pipetting techniques, laboratory mathematics, and venipuncture technique also will be presented.

Prerequisite: Admission to MLT Program

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

### C. OUTLINE OF MAJOR CONTENT AREAS

1. See Course Description and Course Outcomes

### D. LEARNING OUTCOMES (General)

1. Discuss safety and infection control issues related to the clinical laboratory. (NHCC ELO 1)
2. Demonstrate proper use of engineering controls and personal protective equipment. (NHCC ELOs 1, 3)
3. Discuss and demonstrate basic laboratory skills including pipetting and microscope use. (NHCC ELOs 1, 2)
4. Perform routine laboratory math calculations. (NHCC ELOs 1, 2)

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

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.

3. Personal and Social Responsibility and Engagement--Including: Civic knowledge and involvement--campus, local and global; Intercultural knowledge and competence; Ethical reasoning and action; Foundations and skills for lifelong learning.