Hibbing Community College
Course Outline

MLT 2510: MLT Seminar

A. COURSE DESCRIPTION

Credits: 2
Lecture Hours/Week: 2
Lab Hours/Week: *
Prerequisites: None
MnTC Goals: None
MLT Seminar provides students with an opportunity to apply their technical knowledge to laboratory case studies and to review major areas of the MLT curriculum with an emphasis on critical thinking skills. Students will have access to practice examinations in preparation for a comprehensive final. These review exams will cover the areas of: Immunohematology, Hematology, Coagulation, Clinical Chemistry, Microbiology, Urinalysis, Immunology, and Laboratory Operations. The examination questions will be developed from course test banks.

B. COURSE EFFECTIVE DATES: 06/02/2014 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Selected topics in hematology
2. Selected topics in clinical chemistry
3. Selected topics in immunology
4. Selected topics in immunohematology
5. Selected topics in microbiology
6. Selected topics in urinalysis and body fluid analysis

D. LEARNING OUTCOMES (General)

1. Students will apply learned theory and technical knowledge to laboratory case studies interpreting cases within the major area of the MLT curriculum.
2. Students will think critically in comprehensively answering case study questions.
3. Students will participate in multiple practice exams covering the major areas of the MLT curriculum.
4. Students will research and write case studies that correlate patient history to laboratory data.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

HCC COMPETENCIES MET:
Thinking Creatively and Critically

STUDENT CONTRIBUTIONS:
Students are expected to participate in class discussions/message boards, complete all assignments on time, and spend the necessary study time to pass all exams.

STUDENT ASSESSMENT SHALL TAKE PLACE USING INSTRUMENTS SELECTED/DEVELOPED BY THE COURSE INSTRUCTOR.

Curriculum Committee Approval Date: April 3, 2018

AASC APPROVAL DATE: April 18, 2018
REVIEW DATE: April 2023