A. COURSE DESCRIPTION

Credits: 5
Lecture Hours/Week: *.*
Lab Hours/Week: *.*
OJT Hours/Week: *.*

Prerequisites:
MELT 1625 - Diagnostic Microbiology I (Number of Years Valid: 3)

Corequisites: None

MnTC Goals: None

This course is intended to broaden the learner's knowledge of analysis and procedures performed in a hospital setting. The MLT clinical rotation provides the learner the opportunity to learn and perform routine and analytical tests on human body specimens to prove accurate data to assist the healthcare team in diagnosis, treatment, prevention and monitoring of disease state. The MLT student performs analyses while under the supervision of a Medical Laboratory Specialist or Medical Laboratory Technician. The student will complete at least one departmental rotation through hematology, chemistry, microbiology, urinalysis, blood bank, or immunology by the end of this six-week internship rotation. Prerequisite: Completion of all MELT on-campus courses.

B. COURSE EFFECTIVE DATES: 08/27/2012 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Comply with clinical site regulatory requirements and safety regulations.
2. Follow established procedures for collecting and processing biological specimens for analysis.
3. Demonstrate competent psychomotor skills.
4. Recognize appropriate test selection and abnormal test results.
5. Correlate laboratory test results to disease processes.
6. Apply to practice knowledge of testing techniques in all laboratory departments.
7. Recognize instrument malfunction and basic troubleshooting techniques.
8. Analyze quality control results for acceptability.
9. Follow result reporting and record documentation procedures.
10. Apply knowledge of data security/patient confidentiality.
11. Apply knowledge of laboratory information system.
12. Demonstrate knowledge of basic medical research through a case study.
13. Demonstrate acceptable affective behavioral skills.

D. LEARNING OUTCOMES (General)

1. The learner will apply knowledge of regulatory and safety regulations.
2. The learner will gain an understanding of professional behaviors to display.
3. The learner will demonstrate psychomotor competencies.

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

None
F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted