A. COURSE DESCRIPTION

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

Prerequisites:
This course requires all seven of these prerequisites
- MELT 1602 - Basic Laboratory Techniques (Number of Years Valid: 3)
- MELT 1606 - Phlebotomy Skills (Number of Years Valid: 3)
- MELT 1630 - Biological Fluids (Number of Years Valid: 3)
- MELT 1631 - Hematology (Number of Years Valid: 3)
- MELT 1632 - Immunohematology (Blood Bank) (Number of Years Valid: 3)
- MELT 2601 - Diagnostic Microbiology (Number of Years Valid: 3)
- MELT 2615 - Diagnostic Chemistry (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 perform specimen collection and analyses while under the supervision of a Medical Laboratory Scientist or Medical Laboratory Technician.

Prerequisite: Completion of all MELT on-campus courses and their prerequisites.

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. Recognize appropriate test selection and abnormal test results.
4. Apply to practice knowledge of testing techniques in all laboratory departments.
5. Analyze quality control results for acceptability.
6. Follow result reporting and record documentation procedures.
7. Apply knowledge of data security/patient confidentiality.
8. 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 knowledge of basics.
4. The learner will perform specimen collection.
5. The learner will complete laboratory testing reviewing results.
E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
   None

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted