A. COURSE DESCRIPTION

Credits: 9
Lecture Hours/Week: 0
Lab Hours/Week: 0
OJT Hours/Week: *

Prerequisites:
This course requires the following prerequisite
MELT 2620 - MLT Seminar (Number of Years Valid: 5)

Corequisites: None
MnTC Goals: None

This course provides a cooperative learning experience in an affiliated clinical facility. Students will gain exposure to the clinical environment in a supervised application of learned theory and practice. Students will experience working with patients and performing procedures required of a medical laboratory technician. Specific detailed learning activities are documented to meet established clinical outcomes and competencies.

B. COURSE EFFECTIVE DATES: 04/05/2024 - 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 entry-level psychomotor competencies.
4. Correlate laboratory test results to disease processes.
5. Apply knowledge of testing techniques in all laboratory departments.
6. Follow result reporting and record documentation procedures.
7. Recognize appropriate test selection and abnormal test results.
8. Demonstrate acceptable affective behavioral skills.
9. Apply knowledge of data security and patient confidentiality.
10. Collect, process, and analyze specimens for each lab department.
11. Recognize factors that affect methods and test results and take appropriate actions within established guidelines.
12. Perform and monitor routine departmental quality control within established guidelines.
13. Perform preventive and corrective maintenance of equipment and instruments.
14. Apply basic scientific principles in learning new techniques and procedures.
15. Demonstrate professional conduct and interpersonal communication skills with patient, laboratory personnel, other health care professional, and the public.

D. LEARNING OUTCOMES (General)

1. Apply knowledge of regulatory and safety regulations.
2. Display appropriate personal qualities.
3. Demonstrate psychomotor competencies.
4. Perform specimen collection and testing.
5. Display accuracy, precision, thoroughness, and efficiency.
6. Employ interpersonal skills and appropriate professional appearance.
7. Use information skills and system concepts.
8. Apply thinking skills and follow directions.
9. Demonstrate knowledge basics of laboratory testing.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
   None

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted