

SOUTHEAST COMMUNITY COLLEGE
HEALTH SCIENCES DIVISION
MEDICAL LABORATORY TECHNOLOGY
Revision Date: 12/2023

I. CATALOG DESCRIPTION

Course Number:	MEDT 2200
Course Title:	Clinical Education
Prerequisite(s):	MEDT 2140 (Must be taken concurrently with MEDT 2160)
Catalog Description:	Laboratory experience and training opportunities within hospital, clinic, and other laboratories. Rotation throughout the clinical laboratory.
Credit Hours:	6
Class Hours:	0
Lab Hours:	270
Total Contact Hours:	270

II. COURSE OBJECTIVES: *Course will:*

1. Provide clinical education experiences and training opportunities throughout departments of clinical laboratories.
2. Enhance theory and skills acquired in classroom and laboratory courses.
3. Acquaint the student with LIS and advanced technical instruments in the clinical setting.

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES:

A. STUDENT LEARNING OUTCOMES: *Student will be able to:*

1. Recognize the differences and similarities between a hospital laboratory, clinic and/or other laboratories.
2. Employ legal, ethical and professional clinical/medical laboratory standards.
3. Review theory and perform technical procedures for all areas of the laboratory.
4. Identify and follow all proper safety precautions for the clinical setting.
5. Experience learning opportunities in hospital laboratories, clinic laboratories, and/or independent laboratories.
6. Demonstrate proper techniques for obtaining a blood specimen from a patient using venipuncture and capillary puncture.
7. Comply with all HIPAA policies in the clinical setting.

B. GENERAL EDUCATION LEARNING OUTCOMES

1. GELO #3: Critical Thinking & Problem Solving

Outcomes:

1. Collect, identify, interpret and analyze data.
4. Evaluate the validity of arguments, alternatives, data, outcomes, and/or impacts of actions.

IV. CONTENT/TOPICAL OUTLINE *(course outline may provide more detailed information)*

- A. GENERAL LABORATORY PERFORMANCE**
- B. CLINICAL LABORATORY PROCEDURES**
- C. QUALITY CONTROL**
- D. CALIBRATION**
- E. LABORATORY INSTRUMENTATION**
- F. LABORATORY RESULTS**
- G. LABORATORY INFORMATION SYSTEMS (LIS)**

V. INSTRUCTIONAL MATERIALS

- A. Required Text(s):**
None
- B. Other Required Resources:**
Clinical Education Manual

VI. METHODS OF PRESENTATION/INSTRUCTION

- A. Methods of presentation typically include a combination of the following:**
 - 1. Individualized clinical instructional supervision within an assigned clinical institution.

VII. METHODS OF EVALUATION

- A.** Methods of evaluation typically include a combination of performance evaluations, assignments, quizzes, exams, projects, laboratory competencies, etc. For grading expectations please see the course information document.

SCC STANDARD GRADING SCALE POLICY:

A+	95-100	C+	75-79
A	90-94	C	70-74
B+	85-89	D+	65-69
B	80-84	D	60-64
		F	Below 60

VIII. SPECIFIC COURSE REQUIREMENTS

A. ATTENDANCE

Attendance is crucial to the success of this course. The attendance policy can be found in the MLT Student Handbook.

B. OTHER

Please see the Course Information Document for course policies related to grading, expectations, assignments, assessment, and participation.