

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number: MLT-240 Department: Clinical Lab Science

Course Title: Clinical Laboratory Seminar Semester: Fall Year: 2021

COURSE OBJECTIVES: This seminar course will emphasize the application of theory to practice in the clinical setting. Discussions of shared student experiences will include professionalism, patient interaction and case studies to foster critical thinking. Prerequisite MLT-220 Co-Requisite MLT-221

Objectives/Competencies

Course Objective	Competencies
Upon the completion of each lecture section, the student will be able to fulfill the section objectives as outlined in the assigned text and materials and/or defined by verbal instruction to the level identified in the MLT Program Matriculation Policy.	
Cooperative Learning	The student will discuss and sharing insights on the following topics in relation to their role in the clinical laboratory: <ul style="list-style-type: none">○ Weekly clinical experiences○ Legal and ethical issues○ Behaviors and practices of laboratory professionals
Problem-Based Learning	<ul style="list-style-type: none">● The student will analyze case studies, problem based learning exercises and actual situations which occur in clinical practicum and correlate the laboratory findings and determine plausible diagnoses.● The student will use critical thinking and troubleshooting skills to analyze and problem solve each topics presented.● The student will discern pattern in the relationship between diagnostic information generated by each individual laboratory department as it relates to proving a complete diagnostic clinical picture of the patient.
Certification Examination Preparation	<ul style="list-style-type: none">● The student will review all didactic subject matter contained in the CLLS.AS curriculum in preparation for national certification examination.● The student will hone their knowledge base of each clinical subject area, progress their skill in application and analysis of clinical data and develop stronger computer based test taking skill with the aid of online practice examinations