



South Central College

MDLT 2831 Clinical: Phlebotomy

Course Outcome Summary

Course Information

Description	During the clinical phlebotomy experience, the student is assigned to an affiliated hospital/clinic laboratory for the purpose of acquiring practical experience in a laboratory setting while under direct supervision. The experience allows the student to apply knowledge learned in the didactic phase of their training with practical hands-on experience for preparation of employment in a clinical laboratory. Students practice basic laboratory procedures/techniques, and phlebotomy. (Prerequisite: MDLT 1825, MDLT 1835, and MDLT 2807.)
Total Credits	1
Total Hours	48

Types of Instruction

Instruction Type	Credits/Hours
Internship	1/48

Pre/Corequisites

MDLT 1825, MDLT 1835, and MDLT 2807

Institutional Core Competencies

Communication - Students will be able to demonstrate appropriate and effective interactions with others to achieve their personal, academic, and professional objectives.

Critical and Creative Thinking - Students will be able to demonstrate purposeful thinking with the goal of using a creative process for developing and building upon ideas and/or the goal of using a critical process for the analyzing and evaluating of ideas.

Course Competencies

1. Discuss the importance of patient confidentiality and proper patient identification.

Learning Objectives

Explain why confidentiality is an important issue for clinical laboratory professionals.

Discuss the legal ramifications of violating the HIPPA (Health Insurance Portability and Accountability Act).

Describe the importance of treating patients while using excellent interpersonal skills as well as the collection of a blood specimen.

Name the major type of error in specimen collection.

2. Discuss criteria for the acceptance/rejection of specimens according to the clinical facility's established protocol.

Learning Objectives

List and explain the common types of coagulation and hematology specimen collection, transportation, and processing procedures.

Discuss common preanalytical, analytical, and postanalytical variables that affect coagulation and hematology specimen collection, transportation, and processing.

3. Demonstrate acceptable attitudes toward laboratory work, laboratory personnel, clients/patients, and other medical professionals.

Learning Objectives

List personal qualities that characterize a clinical laboratory professional.

Explain how a clinical laboratory professional demonstrates personal qualities.

Explain importance of good communication between clinical laboratory professionals and other medical professionals.

Demonstrate acceptable attitudes toward laboratory work, laboratory personnel, and laboratory safety.

Discuss importance of working as a team member to ensure quality patient care.

4. Outline and perform various blood collection techniques, using correct equipment.

Learning Objectives

Identify, list, and differentiate the anticoagulants used in the medical laboratory.

List common evacuated (vacutainer) tubes and microtechnique (capillary) collection devices, and correlate their appropriate usage within the laboratory setting.

Explain how to use a tourniquet.

Describe the features of the common types of needles used for blood collection procedures.

Describe the personal protection equipment available for phlebotomy collections procedures.

Explain patient sample types.

Perform a correct blood collection using the syringe, vacutainer and capillary methods.

Explain arterial blood and blood culture collection technique.

5. Identify sources of blood collection complications.

Learning Objectives

List common blood collection complications that involve uncooperative patients.

List technical problems that can be encountered during blood collection procedures.

Describe physical complications from blood collection procedures.

Describe some of the situations which would be cause for specimen rejection by the laboratory.

6. Demonstrate respect and compliance with laboratory safety protocol.

Learning Objectives

Explain the importance of laboratory safety.

Choose appropriate personal protective equipment when working in the laboratory.

List and describe the basic aspects of infection control policies and practices.

Identify hazards related to handling chemicals, and biologic specimens.

Select the correct means for disposal of waste generated in the clinical laboratory.

Outline the steps required in documentation of an accident in the workplace.

SCC Accessibility Statement

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