



Course Outcome Summary

Required Program Core Course
HLTSC 158 Phlebotomy Basics

Course Information

Division	Health Sciences
Contact Hours	8
Theory	80
Lab Hours	40
Total Credits	6

Prerequisites

RDG 090 and ENGL 090 and MATH 090 or qualifying scores accepted placement tests.

Course Description

The purpose of this class is to promote quality phlebotomy standards and prepare students to work within the health care community as phlebotomy technicians. Instruction includes healthcare systems, communication, medical terminology, safety and infection control, basic anatomy and physiology, phlebotomy collection procedures. Also addressed will be phlebotomy complications, laboratory test requirements, laboratory mathematics, and personal wellness.

This course is a required core course for students pursuing a certificate as a Phlebotomy Technician.

Program Outcomes Addressed by this Course:

Phlebotomy program outcomes are based on the National Accrediting Agency for Clinical Laboratory Science (NAACLS) criteria. Students that successfully complete the program meet eligibility requirements to take the American Society for Clinical Pathology (ASCP) phlebotomy certification exam necessary to earn a Phlebotomy Technician (PBT) certificate or other phlebotomy credential, enhancing employability in the medical field.

Upon successful completion of this course, students should be able to meet the program outcomes listed below:

- A. Effectively integrate the role of the phlebotomist working in a professional healthcare environment, applying the principles of effective communication and legal and ethical practice.
- B. Function within the healthcare environment as a competent, entry-level phlebotomist in a manner that meets recognized safety standards and demonstrate the ability to care for a diverse patient population.
- C. Demonstrate knowledge of laboratory tests and their unique specimen requirements needed to maintain accurate testing.
- D. Be able to correctly obtain and process laboratory specimens while maintaining the integrity of the tests allowing for accurate treatment.
- E. Demonstrate the critical thinking and problem-solving skills required to work in a clinical setting.

Course Outcomes

In order to evidence success in this course, students will be able to:

1. Demonstrate knowledge of the health care delivery system.
Applies to Program Outcome
 - A. Effectively integrate the role of the phlebotomist working in a professional healthcare environment, applying the principles of effective communication and legal and ethical practice.
 - B. Function within the healthcare environment as a competent, entry-level phlebotomist in a manner that meets recognized safety standards and demonstrate the ability to care for a diverse patient population.



2. Demonstrate effective communication and assessment skills when interacting with diverse clients to improve health care.
Applies to Program Outcome
 - A. Effectively integrate the role of the phlebotomist working in a professional healthcare environment, applying the principles of effective communication and legal and ethical practice.
3. Demonstrate infection control and safety practices unique to the role of a phlebotomist.
Applies to Program Outcome
 - B. Function within the healthcare environment as a competent, entry-level phlebotomist in a manner that meets recognized safety standards and demonstrate the ability to care for a diverse patient population.
4. Utilize medical terminology appropriate to the role of a phlebotomist.
Applies to Program Outcome
 - A. Effectively integrate the role of the phlebotomist working in a professional healthcare environment, applying the principles of effective communication and legal and ethical practice.
 - B. Function within the healthcare environment as a competent, entry-level phlebotomist in a manner that meets recognized safety standards and demonstrate the ability to care for a diverse patient population.
5. Explain the relationship between human anatomy, physiology, medical disorders, and the lab tests used to treat those conditions.
Applies to Program Outcome
 - A. Effectively integrate the role of the phlebotomist working in a professional healthcare environment, applying the principles of effective communication and legal and ethical practice.
 - B. Function within the healthcare environment as a competent, entry-level phlebotomist in a manner that meets recognized safety standards and demonstrate the ability to care for a diverse patient population.
 - C. Demonstrate knowledge of laboratory tests and their unique specimen requirements needed to maintain accurate testing.
6. Identify specimen collection equipment, blood tube additives, special test requirements, and practices that can interfere in clinical analysis of blood components.
Applies to Program Outcome
 - C. Demonstrate knowledge of laboratory tests and their unique specimen requirements needed to maintain accurate testing.
 - D. Be able to correctly obtain and process laboratory specimens while maintaining the integrity of the tests allowing for accurate treatment.
7. Describe proper procedures for drawing blood on infants, children, and adults, including the prevention and management of phlebotomy complications that may arise during blood collection.
Applies to Program Outcome
 - B. Function within the healthcare environment as a competent, entry-level phlebotomist in a manner that meets recognized safety standards and demonstrate the ability to care for a diverse patient population.
 - D. Be able to correctly obtain and process laboratory specimens while maintaining the integrity of the tests allowing for accurate treatment.
 - E. Demonstrate the critical thinking and problem-solving skills required to work in a clinical setting.



MONROE COUNTY
COMMUNITY COLLEGE

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8. Accurately perform venipuncture and capillary puncture techniques on adults with the ability to prevent and manage potential phlebotomy complications.

Applies to Program Outcome

- B. Function within the healthcare environment as a competent, entry-level phlebotomist in a manner that meets recognized safety standards and demonstrate the ability to care for a diverse patient population.
- C. Demonstrate knowledge of laboratory tests and their unique specimen requirements needed to maintain accurate testing.
- D. Be able to correctly obtain and process laboratory specimens while maintaining the integrity of the tests allowing for accurate treatment.
- E. Demonstrate the critical thinking and problem-solving skills required to work in a clinical setting.

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2/21: CS/KSL