



Course Outcome Summary

Required Program Core Course HLTSC 159 Phlebotomy II

Course Information

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|---------------------------|-----------------|
| Division | Health Sciences |
| Contact Hours | 9 |
| Theory | 21 |
| Off-Campus Clinical Hours | 120 |
| Total Credits | 4 |

Prerequisites HLTSC 158 with a "C" or better

Course Description

The purpose of this course is to apply phlebotomy techniques and procedures in a clinical setting to obtain "hands-on" experience, gain confidence, and improve phlebotomy skill level. Students will work 120 hours in a CLIA- regulated accredited laboratory, and complete 100 successful, unaided blood collections. Additionally, in the theory portion of this course, instruction includes: quality assurance and quality control methods; requisitioning, transport, and processing procedures; legal, ethical, and professional conduct; procedures in collecting non-blood specimens; and procedures for arterial punctures. There is a computer component on Brightspace for this class.

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, the students will be able to:

1. Demonstrate specimen requisitioning, transport, and processing procedures while maintaining specimen integrity.
Applies to Program Outcome
 - D. Be able to correctly obtain and process laboratory specimens while maintaining the integrity of the tests allowing for accurate treatment.



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2. Describe quality assurance as it relates to specimen collection.
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.
 - E. Demonstrate the critical thinking and problem-solving skills required to work in a clinical setting.
3. Explain the legal terms and ramifications of improper phlebotomy procedures that may lead to patient injury and phlebotomy-related lawsuits.
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.
4. Explain the phlebotomy procedures for collecting arterial blood specimens.
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.
5. Demonstrate the best practices of phlebotomy in a clinical setting according to nationally recognized standards.
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.
 - 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.
6. Apply effective communications skills and safety and ethical standards in the care of diverse patient populations in a clinical setting.
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.
7. Demonstrates critical thinking and problem-solving skills while interacting with patients and performing phlebotomy skills in a clinical setting.
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.
 - E. Demonstrate the critical thinking and problem-solving skills required to work in a clinical setting.