

Phlebotomy Training Syllabus

Course Overview

This course provides comprehensive training in phlebotomy, including anatomy and physiology, venipuncture techniques, infection control, safety procedures, and patient interaction. Students will develop the skills necessary to become certified phlebotomy technicians.

Course Objectives

Upon successful completion, students will:

- Understand the anatomy and physiology of the circulatory system.
 - Demonstrate proper venipuncture and capillary collection techniques.
 - Follow infection control and safety protocols.
 - Handle specimens properly for laboratory testing.
 - Communicate effectively with patients and healthcare professionals.
 - Understand legal and ethical responsibilities in phlebotomy.
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Course Outline

Module 1: Introduction to Phlebotomy

- History and Role of a Phlebotomist
- Certification and Career Opportunities
- Professionalism and Ethics in Healthcare

Module 2: Anatomy & Physiology Related to Phlebotomy

- The Circulatory System
- Veins and Arteries Used in Phlebotomy
- Blood Composition and Function

Module 3: Infection Control & Safety Procedures

- OSHA & CDC Guidelines

- Hand Hygiene and Personal Protective Equipment (PPE)
- Needle Safety and Biohazard Disposal

Module 4: Phlebotomy Equipment & Supplies

- Needles, Tubes, and Syringes
- Tourniquets and Antiseptics
- Order of Draw and Tube Additives

Module 5: Venipuncture Techniques

- Patient Identification and Preparation
- Site Selection and Palpation
- Proper Venipuncture Technique and Tube Filling
- Troubleshooting Common Complications

Module 6: Capillary Puncture & Special Collections

- Fingerstick and Heelstick Procedures
- Blood Culture Collection
- Arterial Blood Gas (ABG) Collection

Module 7: Specimen Handling & Processing

- Labeling and Transporting Specimens
- Centrifugation and Storage Requirements
- Common Laboratory Tests and Their Purpose

Module 8: Patient Interaction & Communication

- Addressing Patient Anxiety and Fear
- Cultural Sensitivity in Healthcare
- Handling Difficult Patients and Situations

Module 9: Legal and Ethical Considerations

- HIPAA and Patient Confidentiality
- Informed Consent and Patient Rights
- Medical Errors and Documentation

Module 10: Practical Skills & Hands-on Training

- Live Venipuncture Practice on Mannequins and Peers
- Supervised Clinical Practice in a Healthcare Setting

- Module end weekly testing
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Assessment & Certification

- **Written Exams** – Multiple-choice and short-answer tests.
 - **Skills Evaluation** – Hands-on demonstration of phlebotomy techniques.
 - **Clinical Experience** – Supervised practice in a medical setting.
 - **Final Certification Exam** – Required for program completion.
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Course Duration

- **4-8 weeks** (Varies by program)
 - **Classroom Hours:** 40-80 hours
 - **Clinical Training:** 40-60hours
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Certification & Career Pathways

Upon successful completion, students can pursue national certification exams such as:

- **Certified Phlebotomy Technician (CPT)** – NHA
- **Phlebotomy Technician Certification (PTC)** – AMCA
- **Registered Phlebotomy Technician (RPT)** – AMT
- **Certified Phlebotomist (CP)** – ACA