Course Name: Certificate in Phlebotomy: Theory and Practical

Contact Hours: 150 hours

Pre-requisite: N/A

Abstract

Comprehensive 6-month course that equips students with foundational and advanced skills in Phlebotomy through structured theoretical modules and hands-on clinical training.

Phlebotomy is the process of making a puncture in a vein, usually in the arm or hand, with a cannula for the purpose of drawing blood. The procedure itself is known as a venipuncture, which is also used for intravenous therapy. A person who performs a phlebotomy is called a phlebotomist, although most doctors, nurses, and other technicians can also carry out a phlebotomy.

Students are equipped with the skills to perform blood draws, manage specimens, and ensure patient safety. The curriculum covers proper phlebotomy techniques, specimen handling, point-of-care testing, and compassionate patient care.

Emphasis on safety, professionalism, accuracy and patient-centered care in blood collection practices.

Target Audience

This course is geared towards:

- Nurse, Medical Assistant, Lab Technician
- Healthcare Professional
- Geriatric Care Givers
- Person interested in a career as a Phlebotomist

Learning Outcomes

On completion of this course, learners will be able to:

- A qualified registered Phlebotomy Technician.
- Professionally trained and prepared for clinical practice in labs, hospitals and clinics.
- Equipped with practical and theoretical knowledge to perform venipuncture and capillary punctures efficiently.
- Skilled in specimen collection and handling.
- Trained in infection control and patient safety.
- Job-ready for entry level healthcare employment.
- Qualified for career advancement opportunities.

Course Content

Topic Area	Core Objectives
1. Introduction to Phlebotomy and The Healthcare Environment	• Healthcare systems and laboratory structure • Basic medical terminology • Professionalism and communication in a healthcare setting
2. Anatomy, Physiology and Infection Control	• Circulatory and Lymphatic systems • Vein Identification and site selection • Universal Precautions and PPE • Infection Control and Biohazard safety
3. Venipuncture Techniques and Equipment Handling	• Types of Blood collection tubes and Additives • Order of draw • Venipuncture methods: Single and Multi-draw • Pre-and post-venipuncture procedures • Proper Patient Identification and Labeling of specimen • Specimen collection, handling and quality assurance criterion
4. Special Collections and Pediatric Techniques	• Capillary collection • Geriatric and pediatric phlebotomy considerations • Blood cultures, Glucose tolerance tests • Chain of custody procedures
5. Complications, Legal Aspects and Quality Assurances	• Common complications • Legal and ethical issues; liabilities, criminal justice and civil rights • HIPAA and Patient confidentiality • Quality control and error prevention
6. Clinical Practicum and Final Competency Assessment	• Clinical rotation: minimum of 60 successful venipunctures • Competency assessment: observation