

Course Descriptions

Phlebotomy (PHL)

PHL 101 Phlebotomy Technician Specialist

40 class hours/40 lab hours/30 clinical hours/7 credit hours

- **Course Description:** This course provides phlebotomy instruction to the student with a working knowledge of collecting blood while emphasizing on patient safety, assurance, universal and standard precautions.
- **Learning Outcomes:** 1) Explain basic anatomy and physiology of the circulatory system/blood supply 2) Obtain/apply skills and knowledge necessary to sit for certification examinations 3) Demonstrate proficiency and knowledge in the proper phlebotomy techniques for Phlebotomy Technician Positions 4) Define “standard precautions” and Personal Protective Equipment and apply these principles to all procedures 5) Practice the use of medical terminology relating to the circulatory system 6) List the methods of client and specimen identifications 7) Describe the proper bedside manner and how to prepare the client for venipuncture collection 8) Identify the locations on the body appropriate for venipuncture collection 9) List the different colors of tubes used to code blood specimens, what they stand for, and other necessary equipment needed for blood draws 10) Perform venipuncture by sterile needle and syringe, butterfly or vacuum method 11) Demonstrate how to dispense blood into tubes following syringe collection 12) Perform skin punctures to obtain capillary blood specimens 13) Outline post – puncture care for the patient 14) Prepare blood specimens for the laboratory 15) List potential pre-analytical sources of specimen error 16) Explain the potential risks and complications of the venipuncture procedure 17) Describe the role of quality assurance in the practice of Phlebotomy 18) Discuss the scope of practice of the Certified Phlebotomy Technician 19) Must have written documentation of at least 30 hours and 50 successful venipunctures in a clinical setting 20) Prepare for practicum and certification exam
- **Prerequisite:** None