

PHLEBOTOMY (PHLE)

PHLE 1010 - Phlebotomy I

(6 Credits)

This course presents the theory and practice of phlebotomy that includes such topics as: phlebotomists in health care delivery systems; medical terminology; infection control and safety; anatomy and physiology of body systems; collection equipment, reagents and interfering factors in blood collection; venipuncture and capillary puncture blood collection procedures and requisitioning. Laboratory experiences include venipuncture practice by evacuated tube system, syringe and winged collection set on adult and pediatric training arms. Skin puncture collection procedures using a variety of lancets to collect capillary tubes and micro collection containers, are performed. Blood smear preparation, specimen processing and quality control are also practiced.

Lecture: 5 hours, Lab: 2 hours

PHLE 1020 - Phlebotomy II

(6 Credits)

This course includes collection and handling of non-blood specimens, quality assurance, specimen handling, specimen processing, communications techniques, legal issues, professionalism and arterial puncture. A review of CLSI Standards for skin puncture and venipuncture is included. In the college laboratory, students perform specimen processing, blood smear preparation, blood culture collection, skin puncture and venipuncture collection. Students spend a total of 120 hours of clinical training in phlebotomy techniques at an affiliated site. Note: students must be available to train weekdays (8 hrs x 5 days/week) for three (3) consecutive weeks.

Lecture: 5 hours, Lab: 2 hours, Other: 8 hours