Cleveland Clinic
School of Health Professions
Phlebotomy Program

Course Descriptions

PHB2001 - Phlebotomy ***Clock Hours: 80***
(Lecture: 40, Lab: 40)

Lectures present the principles of phlebotomy equipment and venipuncture techniques. Additional lectures will cover review of phlebotomy history and health care setting, medical terminology, anatomy and physiology with emphasis on circulatory system. Laboratory work emphasizes phlebotomy technique using multi-sample needle, syringe and butterfly collections while procuring a quality blood sample for patient testing.

Lectures will cover additional topics including principles of capillary and special collection techniques, point of care testing, specimen handling, non-blood specimens and arterial punctures. Laboratory work emphasizes capillary and aseptic techniques of blood collection. Principles of specimen handling, specimen processing and point of care testing are also emphasized.

Upon completion of lectures, quizzes and laboratory assessments, the student will be able to demonstrate the proper phlebotomy technique using the proper equipment. The student will also be able to apply medical terminology, anatomy/physiology knowledge when reviewing test orders for sample collection. Students will be able to demonstrate the concepts of communication in written, verbal and non-verbal forms. The student will be able to demonstrate aseptic technique of blood collection and capillary collection, proper methods of specimen handling, specimen processing, and point of care testing.

Pre-requisite: Admission to Program

PHB2003 - Phlebotomy Clinical (Experience) ***Clock Hours: 160***

Hands on phlebotomy experience provided at assigned location within Cleveland Clinic. During this clinical rotation, phlebotomy students will have the opportunity to obtain patient samples in both an inpatient and outpatient setting, while providing care to all patients. Students are also provided with clinical time in specimen processing areas at their assigned clinical location. Students will have 160 hours of clinical time along with a minimum of 100 unaided venipuncture collections.

Pre-requisite: PHB2001