

**Bossier Parish Community
Master Syllabus**

Course and Prefix Number: ALHT 102L

Credit Hours: 1

Course Title: Introduction to Phlebotomy Lab

Course co-requisites: ALHT 102

Textbooks: No textbook required

Course Description:

Laboratory instruction to reinforce and enhance concepts and techniques presented in ALHT 102 lecture. Withdrawal from laboratory mandates withdrawal from the lecture. (This course is offered in the fall and spring semesters. Enrollment in lecture is limited to 30 students per course section. Enrollment in the laboratory course is limited to 15 students per course section).

Learning Outcomes:

At the end of this course, the student will

- A. integrate professionalism, written and verbal communication, knowledge of historical and legal issues, and appropriate safety codes as applied to the role of a phlebotomist in different health care systems;
- B. demonstrate knowledge and skills necessary for proper pre-analytical laboratory testing techniques; and
- C. apply correct analytical skills to selected clinical laboratory testing.

To achieve the learning outcomes, the student will

1. demonstrate the ability to determine the correct blood type and group. (B, C)
2. demonstrate how to take blood pressure and pulse rate. (B)
3. demonstrate the ability to choose the correct anticoagulants with their corresponding tube color and the proper order of draw for each laboratory test. (B, C)
4. complete test requisition forms correctly, including all essential information. (A)
5. demonstrate competency in the performance of the following skills: (A, B, C)
 - given a requisition form, perform the entire venipuncture procedure, choosing the correct safety collection equipment for each test ordered.
 - perform venipuncture using a safety syringe
 - perform venipuncture using a safety winged infusion set
 - stock a phlebotomy tray
 - given a requisition form, perform the entire skin puncture procedure, choosing the correct safety collection equipment for the test ordered

- perform blood smears
- perform a malaria blood smear collection
- perform a point-of-care glucose test
- observe a glucose tolerance test
- perform a quality control procedure
- perform microbiology collections including throat swab, NP swab, and blood culture collection
- perform a skin test on a practice arm
- perform a urine specimen collection
- perform a chemical and physical urinalysis
- complete a Custody and Control form for drug testing
- complete a donor information form and physical screen prior to donation of blood
- properly collect blood for a hematocrit test using a microhematocrit capillary tube
- perform a blood group and type
- collect a blood specimen using a Unopette
- process a blood specimen, including centrifugation and proper separation and then entering the patient information into the master laboratory log
- perform an arterial blood gas puncture on a practice arm
- perform a scalp vein venipuncture, pediatric venipuncture, heel stick, capillary blood gas collection, and dorsal hand stick on an infant model

Course Requirements

To earn a grade of "C" or higher, the student must earn 70% of the total points for the course and meet all of the following course requirements.

- minimum grade of 70% on all tests, including the comprehensive final exam
- minimum score of 70% on venipuncture skills test (with two attempts maximum)
- minimum score of 70% on skin puncture skills test (with two attempts maximum)
- demonstrate competency in the performance of required laboratory testing techniques.

Course Grading Scale:

A- 90% or more of total points for the course and minimum score of 70% on both venipuncture skills test and skin puncture skills test with two attempts and demonstrated competency in the performance of all required laboratory testing techniques.

B- 80% or more of total points for the course and minimum score of 70% on both venipuncture skills test and skin puncture skills test with two attempts and demonstrated competency in the performance of all required laboratory testing techniques

C- 70% or more of total points for the course and minimum score of 70% on both venipuncture skills test and skin puncture skills test with two attempts and demonstrated competency in the performance of all required laboratory testing techniques.

D- 60% or more of total points for the course and minimum score of 70% on both venipuncture skills test and skin puncture skills test with two attempts and demonstrated competency in the performance of all required laboratory testing techniques

F- less than 60% of total points for the course or less than 70% on venipuncture skills test or skin puncture skills test with two attempts or failure to demonstrate competency in the performance of all required laboratory testing techniques

Attendance Policy: The college attendance policy is available at <http://catalog.bpcc.edu/content.php?catoid=5&navoid=369#class-attendance>

Course Fees: This course is accompanied by an additional non-refundable fee for supplemental materials, laboratory supplies, certification exams, and/or clinical fees.

Nondiscrimination Statement

Bossier Parish Community College does not discriminate on the basis of race, color, national origin, gender, age, religion, qualified disability, marital status, veteran's status, or sexual orientation in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of its operations. Bossier Parish Community College does not discriminate in its hiring or employment practices.

Title VI, Section 504, and ADA Coordinator

Angie Cao, Manager

Career Services, F-251

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Hours: 8:00 a.m.-4:30 p.m. Monday - Friday, excluding holidays and weekends.

Equity/Compliance Coordinator

Teri Bashara, Director of Human Resources

Human Resources Office, A-105

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Phone: 318-678-6056

Hours: 8:00 a.m.-4:30 p.m. Monday - Friday, excluding holidays and weekends.

Reviewed by Melissa Shepherd/ April 2022