

Bossier Parish Community College
Master Syllabus

Course Prefix and Number: HPHL 1420

Credit Hours: 4

Course Title: Phlebotomy

Course Prerequisites/Corequisites: Successful completion of HCOR 1200

Textbook: The Complete Textbook of Phlebotomy. Hoeltke, B. (2018). Cengage Learning.
ISBN: 978-1337284240

Course Description:

This course discusses introductory information relative to phlebotomy theory and fundamental phlebotomy skills, including venipuncture, capillary sticks, infection control procedures, and lab tests that the Phlebotomist may perform, including an 80-hour classroom and 60-hour laboratory practice. Study of advanced phlebotomy skills and procedures that include laboratory administrative procedures, tube identification, and laboratory equipment usage is also included. Students perform introductory, fundamental, and advanced phlebotomy skills in the lab for instructor evaluation in preparation for clinical externship. Students spend an additional 60 hours of supervised preceptor clinical hours in a variety of health care sites to obtain the necessary course requirements for a total of 200 clock hours.

Learning Outcomes:

At the end of this course, the student will be able to:

- 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; and
- B. demonstrate the knowledge necessary for proper pre-analytical laboratory testing techniques

To achieve the learning outcomes, the student will:

1. Describe the basic units of the metric system.
2. Describe uses and sizes of syringes and lancets in specimen collection.
3. Identify and explain tube additives and principles of evacuated tube systems.
4. Identify and describe basic tourniquet types and functions.
5. Explain the skills used in collecting blood, correct patient identification, specimen labeling and proper accessing.
6. Identify venipuncture sites and location techniques.
7. Explain precautions in blood collection and how to prevent hemoconcentration and hemolysis.
8. Identify and explain patient reaction to venipuncture

9. Identify arterial sites and the equipment used and preparation of equipment for arterial puncture.
10. Explain the proper procedure for handling arterial blood.
11. Explain the techniques used during venipuncture on children and the importance of communication and proper holding techniques.
12. Explain the proper techniques to be used when performing venipuncture on the anticoagulated, resistant, psychiatric, and obese patient, and those in isolation.
13. Explain the proper technique for accessing damaged or collapsing veins
14. Successfully perform a venipuncture.
15. Explain the importance of properly obtaining fasting, timed, and stat specimens and specimens for monitoring drug therapy.
16. Describe and correctly obtain the following specimens: glucose tolerance test, blood culture, blood smear, bleeding time, throat culture, and urinalysis.
17. List at least four factors that will affect laboratory test values.
18. Explain the importance of proper skin antisepsis, collection and handling techniques, identification, and transportation of specimens.

Course Requirements: Complete all homework assignments, in-class equipment exercises, in class tests and final exam.

Course Grading Scale:

90-100 = A
80-89 = B
70-79 = C
60 – 69 = D
0 – 59 = F

Attendance Policy: The college attendance policy is available at:

<http://catalog.bpcc.edu/content.php?catoid=6&navoid=625>

Course Fees: This course is accompanied with an additional non-refundable fee for supplemental materials, laboratory supplies, software licenses, 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.

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Equity/Compliance Coordinator

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