



Course Syllabus

PHLEBOTOMY 1023 (PHLEBOTOMY I)

Catalog Description: This program prepares learners to collect blood specimens from clients for the purpose of laboratory analysis. Students will become familiar with all aspects of blood collection and will review the skills needed to **perform venipunctures safely. Topics in this course include medical terminology, related anatomy and physiology, blood collection procedures, and procedures for collection of other types of specimens within the scope of practice of the phlebotomist.**

Prerequisites: High School Diploma

Credit Hours: 90

Lecture Hours per Week: 3

Lab Hours per Week: Classroom Only

Extended hours: As needed-Additional study is required outside posted class times.

Continuing Education Contact Hours per Semester: 90

State Approval Code: 5110090000 **WECM:** 51.1009

Class section meeting time: Monday evenings 5:00 p.m.-8:15 p.m.: Online—students are expected to spend at least **3-10 hours per week** reading, reviewing, and participating in assigned activities for successful completion of this course.

Alternate Operations During Campus Closure: In the event of an emergency or announced campus closure due to a natural disaster or pandemic, it may be necessary for Panola College to move to altered operations. During this time, Panola College may opt to continue delivery of instruction through methods that include, but are not limited to: online learning management system (CANVAS), online conferencing, email messaging, and/or an alternate schedule. It is the responsibility of the student to monitor Panola College's website (www.panola.edu) for instructions about continuing courses remotely, CANVAS for each class for course-specific communication, and Panola College email for important general information.

Instructional Goals and Purposes: The purpose of this course is to Prepare the student for the didactic and practical skills training in a variety of collection methods associated with the Phlebotomy profession.

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

1. Demonstrate knowledge of the healthcare delivery system and medical terminology associated with phlebotomy.
2. Demonstrate basic understanding of the anatomy and physiology of the body system.
3. Demonstrate the basic concepts of quality assurance in phlebotomy.
4. Explain the steps in selected specimen collection procedures performed by the phlebotomy technician.

Specific Course Objectives (includes SCANS):

After studying all materials and resources presented in the course, the student will be able to:

1. Demonstrate knowledge of infection control and safety procedures.
2. Demonstrate knowledge of laboratory tests ordered to the major areas or departments in the clinical laboratory.
3. Understand the importance of specimen collection and quality assurance in phlebotomy.
4. Understand special precautions, necessary substances, and pre-analytical variables, that can have an adverse effect on blood samples and/or interfere in clinical analysis of blood samples.

A general description of lecture/discussion topics included in this course are listed in the Learning Outcomes / Specific Course Objectives sections of this syllabus.

Students in all sections of this course will be required to do the following:

1. Attend all classes

2. Participate in classroom activities and online learning via CANVAS
3. Demonstrate the ability to learn information presented orally or via written materials in the class or online.

Methods of Instruction/Course Format/Delivery: This course is offered in the classroom setting and online activities are assigned via CANVAS.

Major Assignments / Assessments:

The following items will be assigned and assessed during the semester and used to calculate the student's final grade.

Assignments

1. Class participation
2. Case studies
3. Written assignments
4. Demonstrations
5. Online discussions

Assessment(s):

1. Chapter quizzes
2. Comprehensive tests
3. Practicums

Course Grade:

The grading scale for this course is as follows:

- Online discussions = 10%
- Written assignments = 20%
- Chapter quizzes = 30%
- Comprehensive final = 40%

Texts, Materials, and Supplies:

- *Phlebotomy Essentials (Seventh Edition) by Ruth E. McCall*
- The textbooks are provided to the students and will be given on the first class day. The instructor reserves the right to change or supplement this course with additional materials.
- The Phlebotomy Handbook written for PLAB 1023 and PLAB 1060

Other:

- Courses conducted via video conferencing may be recorded and shared for instructional purposes by the instructor.
- For current texts and materials, use the following link to access bookstore listings: <https://www.panolacollegestore.com>
- For testing services, use the following link: <https://www.panola.edu/elearning/testing.html>
- If any student in this class has special classroom or testing needs because of a physical learning or emotional condition, please contact the ADA Student Coordinator in Support Services located in the Charles C. Matthews Student Center or go to <https://www.panola.edu/student-success/disability-support-services/> for more information.
- Withdrawing from a course is the student's responsibility. Students who do not attend class and who do not withdraw will receive the grade earned for the course.
- Student Handbook, *The Pathfinder*: <https://www.panola.edu/student-success/documents/pathfinder.pdf>

In preparation for the Clinical Phlebotomy portion of the program and the new COVID-19 mandate, the student must have completed the following vaccines:

Students must provide proof of the following immunizations prior to clinical training of the program:

- Varicella
- Measles, Mumps, Rubella (MMR)
- Hepatitis B vaccine
- Tetanus/ Diphtheria (Tdap- within 10 years)
- Influenza

- Negative TB skin test/ chest x-ray (within the last year)
- COVID-19

If a student cannot provide proof of the vaccine, they will need to have the titer test done to check for the following antibodies:

- Varicella IgG
- Rubeola IgG
- Mumps IgG
- Rubella IgG
- Hepatitis B Quant
- COVID-19

Please do NOT give your instructor original documents. Students should provide copies and keep the originals.

Our clinical facilities have notified us that, in accordance with the federal COVID-19 vaccine mandate for Medicare/Medicaid facilities, faculty and staff participating in clinical practice or who have clinical rotations at healthcare facilities (long-term care and hospitals) will need to be fully vaccinated for COVID-19.

All students will need to be fully vaccinated, either two doses of Pfizer or Moderna or one dose of Johnson & Johnson by January 10, 2022, to abide by the mandate and to be in compliance with the clinical facility.

References for the mandate:

<https://www.federalregister.gov/documents/2021/11/05/2021-23831/medicare-and-medicaid-programs-omnibus-covid-19-health-care-staff-vaccination>

<https://www.cms.gov/files/document/cms-omnibus-staff-vax-requirements-2021.pdf>

<https://www.cms.gov/newsroom/press-releases/biden-harris-administration-issues-emergency-regulation-requiring-covid-19-vaccination-health-care>