

J. Sargeant Reynolds Community College
Course Content Summary

Course Prefix and Number: MDL 190

Credits: 4

Course Title: Coordinated Practice in Phlebotomy Training

Course Description: Provides supervised training and practice in venipuncture for phlebotomy students at clinical sites coordinated by the college. Students will observe venipunctures, perform some procedures with supervision, and perform the remaining venipunctures on their own. A total of 100 venipunctures and 25 dermal punctures must be completed successfully to pass this clinical. Students may also be required to attend site-specific training related to blood-borne pathogens and HIPAA and participate in skills assessments by Reynolds faculty. Prerequisite: MDL 105. Laboratory 40 hours per week for three weeks.

General Course Purpose: The purpose of this clinical is to expose students to the different types of patients that they will face in a job as a phlebotomist. The repetition will help students sharpen their dexterity and provide them with knowledge and experience that they can apply to their future employment. Students will learn to use different types of venipuncture equipment and gain confidence in their own abilities.

Course Prerequisites and Co-requisites:

Prerequisite: MDL 105

Student Learning Outcomes:

Upon completing the course, the student will be able to

- a. Perform a routine venipuncture on an adult patient;
- b. Perform a routine venipuncture on a geriatric patient;
- c. Perform a complicated venipuncture on an adult patient;
- d. Perform a complicated venipuncture on a geriatric patient;
- e. Assemble the equipment needed for a venipuncture;
- f. Assemble the equipment needed for a dermal puncture;
- g. Describe the color of the vacuum tube tops and what they mean;
- h. Explain the color of tube used for CBC, BMP, and why it is important to draw the correct tube;
- i. Describe the order of draw of tubes and why it is important to follow; and
- j. Correctly label tubes with all important information.

Students may learn to perform capillary sticks, as well as butterfly sticks (optional).

Major Topics to Be Included:

- a. Venipuncture
- b. Patient identification
- c. Handling of venipuncture equipment
- d. Correct labeling of tubes
- e. Proper handling of tubes

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