

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: MDL 190

Credits: 2

Course Title: Coordinated Practice in Phlebotomy

Course Description: Provides supervised on-the-job training in a designated specimen collection location. Includes skill development and evaluation of blood collection using venipuncture and capillary techniques, specimen handling, patient/staff interactions, professional behavior, and troubleshooting the collection process. Requires successful completion of 50 procedures for students to pass this course. Prerequisites: Successful completion of MDL 101 or MDL 105. Laboratory 40 hours per week for two weeks.

General Course Purpose: This course provides students with clinical experience in collecting and handling blood samples. Clinical instruction occurs during standard daytime hours, as assigned by the clinical facility.

The purpose of this clinical is to provide students with hands-on experience performing venipuncture and capillary puncture techniques. Students will directly apply experiences to their future employment. Students will have the opportunity to demonstrate job entry competency and gain confidence in their own abilities.

Course Prerequisites and Co-requisites:

Prerequisites: Successful completion of MDL 101 or MDL 105

Course Objectives:

Upon completing the course, the student will be able to

- a. Demonstrate consistent safe practice within industry-level safety standards;
- b. Perform routine collection of adult, infant, and geriatric patients;
- c. Demonstrate job entry-level precision and accuracy in patient sampling;
- d. Record patient data within industry level accuracy standards;
- e. Distinguish acceptable vs. not acceptable samples using established industry criteria;
- f. Troubleshoot non-acceptable samples;
- g. Formulate accurate reports within industry level reporting parameters;
- h. Exhibit patient confidentiality within HIPAA parameters; and
- i. Discuss laboratory testing in terms of theory, technique, quality control, and interpretation.

Major Topics to Be Included:

- a. Patient identification/confidentiality
- b. Specimen handling
- c. Patient/staff interaction
- d. Accurate recordkeeping
- e. Equipment use and maintenance
- f. Accurate specimen collection as demonstrated through rotation checklist

Effective Date of Course Content Summary: January 1, 2012