

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

Course Prefix and Number: MDL 281

Credits: 1

Course Title: Clinical Correlations

Course Description: Teaches students to apply knowledge gained in courses offered in the MDL curriculum using primarily a case history form of presentation. Emphasizes critical thinking skills in the practice of laboratory medicine. To be taken in final semester while students are in clinical rotations. Lecture 1 hour per week.

General Course Purpose: The student will be required to identify, define, and/or describe key elements and variables of clinical laboratory: ethics, safety, management, accreditation, HIPAA, quality control, quality assurance, and interviewing skills, and students will be tested on these during online components of the course. Subject areas will focus on principles and methodologies integral to modern clinical laboratory practices, clinical significance of laboratory procedures in diagnosis and treatment, quality management principles, laboratory safety, problem solving, and professional conduct. During the entire course, students will also participate in an ongoing registry review component in the online course.

Course Prerequisites and Co-requisites:

To be taken in final semester while in clinical rotations

Student Learning Outcomes:

Upon completing the course, the student will be able to

- a. Critically exam various laboratory issues and determine the most appropriate ethical solution;
- b. Describe the role of HIPAA in the clinical laboratory;
- c. Given a set of quality control data, determine if the set of patient's values obtained should be released as official results;
- d. Analyze the proper responses for use during a job interview;
- e. Delineate the proper actions to be taken while managing a problem staff member;
- f. Properly write a résumé/curriculum vitae;
- g. Critically examine a medical journal article for health accuracy and usefulness; and
- h. Exhibit proper study habits for successful completion of the registry examination.

Major Topics to Be Included:

Ethics, safety, management, accreditation, HIPAA, quality control, quality assurance, professionalism and interviewing skills. An overview of registry examination review will occur during the course during the semester.

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