

Course Name: AH266 Laboratory Tests and Diagnostic Procedures

Textbook Title: Laboratory and Diagnostic Tests with Nursing Implications.

Author: Joyce LeFever Kee

Publisher: Pearson **Edition/Year:** 8th Edition **ISBN:** 978-0-13-507405-3 (8th ed.)

Additional information: none

Type: Required resource

Course Objectives

It is expected that students will be able to:

- * Identify key terms, abbreviations, acronyms for various lab/diagnostic tests
- * Identify and describe commonly used blood tests/normal and abnormal results
- * Understand various body fluid tests used to diagnose diseases
- * Identify and understand commonly used radiographic studies with normal and abnormal results
- * Understand basic endoscopic studies/normal and abnormal results

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Course Content

The following topics will be covered in this course:

- Abbreviations, acronyms, and key terms for various lab

tests/procedures

- Introduction to Clinical Laboratory, Blood cell tests, Blood chemistry tests, and Coagulation studies
- Infectious disease and Immunodiagnostic blood tests, Urine and fecal studies, Culture and sensitivity tests, and Radiology studies
- Nuclear medicine studies, Endoscopy studies, and Ultrasound procedures

Work Expectations

Regular participation in the class is expected. In addition, students are expected to read the assigned chapters and complete the following graded work by the due dates:

- * Five (5) weekly graded assignments
- * Seven (7) weekly quizzes
- Two (2) group case study assignments: Students are encouraged to use the Discussion Forum to communicate with classmates to assist with organization of case study questions.

Exams: Policies & Procedures

- * All quizzes are administered online.
- All quizzes are administered between the given dates/times stated in the test or assignment menus. Make sure to plan ahead so that important test deadlines are not

missed. Quizzes can be re-opened if there are special circumstances.

- * All exams are to be taken at any computer in one sitting. A proctor is neither assigned nor required for the quizzes/final exam.
- * All quizzes are timed and are between 45-60 minutes in length. There is no password to access the quizzes; instead, the quizzes will only be available during the given dates/times. Evaluation Grading Method: Your final grade is determined by using the scores from five weekly assignments, seven quizzes, final exam, and two group assignments.

Grading: Grades will be calculated using the following criteria:

A=(90%-100%)

B=(80%-89%)

C=(70%-79%)

D=(60%-69%)

F=(Below 60%)

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