

MASTER SYLLABUS

COURSE NUMBER AND TITLE:

RAD 379B-3, Abdominal Sonography I indefinitely

COURSE DESCRIPTION

A continuation in the study of abdominal anatomy; physiology; patient care; and imaging/interventional techniques. Emphasis will be placed on normal and abnormal peritoneal, retroperitoneal, gastrointestinal, superficial structures and associated sonographic patterns. Prerequisite: RAD 379A with a minimum grade of "C". Concurrent enrollment in RAD 359B required. Restricted to major or consent of school. Students must receive a grade of "C" or higher to advance within the Sonography Program.

COURSE OBJECTIVES

Upon completion of this course, the student will be able to demonstrate knowledge either orally, in writing or by demonstration of abdominal, retroperitoneal and superficial structures including, but not limited to, the following:

1. Recognize pathologies found in vascular structures and organs
2. Describe laboratory tests and their relevance to diseases
3. Demonstrate an understanding of physiologic and pathologic relationships
4. Interpret related clinical signs and symptoms
5. Recognize and differentiate organ systems and their spatial anatomy
6. Demonstrate knowledge of appropriate patient preparation, scanning technique and imaging protocol

COURSE OUTLINE

PERCENTAGE:

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|---|-----|
| 1. Position and size of normal anatomy | 25% |
| 2. Internal, surface, and relational anatomy | 25% |
| 3. Physiologic and pathologic relationships | 5% |
| 4. Normal vs. abnormal sonographic appearance | 20% |
| 5. Appropriate patient preparation, scanning technique and imaging protocol | 25% |

MEANS OF STUDENT EVALUATION

All students are expected to attend class and come prepared to discuss the topic(s) assigned. No make-up opportunities for missed daily quizzes or assignments will be offered.

Types of assignments include, but are not limited to, readings, oral and written exercises. Additional assignments and assessments can be added at any time deemed necessary by instructor.

*Tests will cover text, lecture and handouts. No make-up tests will be given except for instructor approved absences, and may be subject to point penalty. Course assignments, quizzes, tests and final exam are weighted as listed below. Grades are determined by the percentages and point values as follows:

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|-------------------------|------------|
| • Final Exam | 40% |
| • Unit Tests | 35% |
| • Quizzes & Assignments | <u>25%</u> |
| | 100% |

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| Grading scale | A = 93 -100% |
| | B = 85 - 92% |
| | C = 77 - 84% |
| | D = 70 - 76% |
| | F = < 70% |

PREREQUISITES: Instructor approval.

TEXTBOOK:

Hagen-Ansert, S (2012) Textbook of Diagnostic Ultrasonography 8th ed.,
Mosby, St. Louis, MO