

**INSTRUCTOR**

Jessica Whittaker, BS, RT(R), RDMS, RVT

ASA Rm. #114A

Phone: (618) 453-4980

FAX: (618) 452-7020

Email: [j.whittaker@siu.edu](mailto:j.whittaker@siu.edu)

Office hours: Mon 2-3p; Fri 10a-3p

**COURSE DESCRIPTION**

This course is an in-depth anatomy, physiology and spatial relationship study of abdominal, retroperitoneal and superficial structures. Emphasis will be placed on related clinical signs and symptoms, laboratory tests, and normal and abnormal sonographic patterns. Prerequisite: Limited to major or consent of department. Comprehensive course information may be accessed in the "Master Plan" document located in the program director's office.

**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. Position and size of normal anatomy
2. Internal, surface, and relational anatomy
3. Physiologic and pathologic relationships
4. Interpretation of appropriate laboratory tests, related clinical signs and symptoms
5. Normal vs. abnormal sonographic appearance
6. Appropriate patient preparation, scanning technique and imaging protocol

**COURSE OUTLINE****PERCENTAGE**

- |  |     |
|--|-----|
| 1. Position and size of normal anatomy   | 20% |
| 2. Internal, surface, and relational anatomy   | 20% |
| 3. Physiologic and pathologic relationships  | 15% |
| 4. Interpretation of appropriate laboratory tests, related clinical signs and symptoms | 15% |
| 5. Normal vs. abnormal sonographic appearance  | 20% |
| 6. Appropriate patient preparation, scanning technique and imaging protocol            | 10% |

**TESTS & ASSIGNMENTS**

\*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.

\*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:

**MEANS OF STUDENT EVALUATION**

Unit Tests	= 65%
Quizzes & Assignments	= 10%
Final Exam	= <u>25%</u>
	100%

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

### **MOBILE TECHNOLOGY POLICY**

No mobile devices are allowed during class unless first okayed by the instructor. Use of personal cellphones during class sessions is strictly prohibited and use will result in dismissal from the classroom for the remainder of the day of the infraction. Any use of a cellphone is only admissible during class breaks and encouraged to take place outside of the classroom.

### **CLASSROOM BEHAVIOR**

The classroom is a “safe” environment for students. The focus will be on learning. Causing disruptions, harassment of other students, foul language, disrespect for others, or entertaining at someone else’s expense will not be tolerated. For a detailed explanation of Student Code, consult “Student Conduct Code” found in Important information for siuc students, faculty, and staff. All other rules of the code must be followed. The Student Conduct Code is available at:

<http://www.siuc.edu/~policies/policies/conduct.html>

### **ACADEMIC HONESTY**

All students are expected to adhere to a strict code of academic honesty. Academic dishonesty will be addressed according to the “Policies and Procedures Applicable to Academic Dishonesty” as stated in the “Important Information for Students, Faculty, & Staff” booklet.

From the “Student Conduct Code”, section II, article A:

#### Acts of Academic Dishonesty

1. Plagiarism, representing the work of another as one’s own work;
2. Preparing work for another that is to be used as that person’s own work;
3. Cheating by any method or means;
4. Knowingly and willfully falsifying or manufacturing scientific or educational data and representing the same to be the result of scientific or scholarly experiment or research;
5. Knowingly furnishing false information to a university official relative to academic matters;
6. Soliciting, aiding, abetting, concealing, or attempting conduct in violation of this code.

Sanctions will be imposed for violations of this policy in accordance with the Student Conduct Code. A copy of the “Important Information for Students, Faculty & Staff” booklet can be obtained from the Office of the Vice Chancellor for Student Affairs, Mailcode 4308, Southern Illinois University, Carbondale, IL 62901-4308.

### **REQUIRED TEXTBOOK**

Hagen-Ansert, S (2012) Textbook of Diagnostic Ultrasonography 7<sup>th</sup> ed.,  
Mosby, St. Louis, MO