

INSTRUCTOR

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COURSE DESCRIPTION

A study of sectional anatomy in the transverse, longitudinal and coronal planes, with emphasis on the organs of sonographic interest within the abdomino-pelvic cavity. This is the laboratory component of RAD 391 and includes a \$100 laboratory fee. Must be taken concurrently with RAD 391. If RAD 391 is dropped then RAD 391L must be dropped. Prerequisite: restricted to RADS majors. 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:

1. Recognize abdomino-pelvic anatomy in cross-sectional orientation.
2. Demonstrate an understanding of relationships within the body with respect to the scan plane of the transducer.
3. Consistently produce images demonstrating recognition of specific organ/body part anatomy.
4. Relate sonographic anatomy to other imaging modalities.
5. Conduct themselves in a professional manner consistent with expectations of the profession.

COURSE OUTLINE

	PERCENTAGE
1. Recognize abdomino-pelvic anatomy in cross-sectional orientation.	25%
2. Demonstrate an understanding of relationships within the body with respect to the scan plane of the transducer.	15%
3. Consistently produce images demonstrating recognition of specific organ/body part anatomy.	30%
4. Relate sonographic anatomy to other imaging modalities.	10%
5. Maintain professionalism.	20%

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, no late submissions accepted.

*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

Scanning quizzes / assignments	30%
Lab competencies	30%
Scan lab performance / professionalism	10%
Final exam	<u>30%</u>
	100%

GRADING SCALE: A = 93- 100 %
 B = 85 – 92 %
 C = 77 – 84 %
 D = 70 – 76 %
 F = below 70%

ATTENDANCE POLICY

The instructor must be notified prior to class if you are going to be absent. One percent of total grade will be deducted for every class period missed. Ten minutes late counts as an absence.

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

Tempkin B. (1999) Ultrasound Scanning 3rd ed. WB Saunders, Philadelphia, PA.