MASTER SYLLABUS

COURSE NUMBER AND TITLE:
RAD 399C-2, Clinical Practicum III (Lab)

COURSE DESCRIPTION:
A study of sectional anatomy in the transverse, longitudinal and coronal planes, with emphasis on abdominal/small parts, ob/gyn, and vascular ultrasound procedures and protocols. This is the laboratory must be taken concurrently with RAD 369 and includes a $100 laboratory fee. Restricted to major or consent of school. Students must receive a grade of "C" or higher to advance within the Sonography Program.

COURSE OBJECTIVES:
With emphasis on abdominal/small parts, ob/gyn, and vascular ultrasound procedures and protocols, upon completion of this course, the student will be able to:
1. Recognize 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 including:
   • Demonstrate professional interaction/communication skills with the patient; clinical supervisor; department personnel; and radiologist(s)/physician(s).
   • Obtain a thorough and accurate patient history
   • Demonstrate accurate image acquisition and analysis
   • Demonstrate clinical safety and decision making

COURSE OUTLINE
1. Recognize 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%

MEANS OF STUDENT EVALUATION:
Competency evaluations 40%
Scan Quizzes 20%
Scan lab performance / professionalism 10%
Final exam 30%
100%

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

PREREQUISITES:
Instructor approval.

TEXTBOOK: