MASTER SYLLABUS

COURSE NUMBER AND TITLE:

RAD 399C-2, Clinical Practicum Ill (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	**PERCENTAGE**
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:
Tempkin B. (2009) Ultrasound Scanning 3rd ed. WB Saunders, Philadelphia, PA.