MASTER SYLLABUS

COURSE NUMBER AND TITLE:

RAD 399B-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

<table>
<thead>
<tr>
<th>Objective</th>
<th>Percentage</th>
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<tr>
<td>1. Recognize anatomy in cross-sectional orientation.</td>
<td>25%</td>
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<td>2. Demonstrate an understanding of relationships within the body with respect to the scan plane of the transducer.</td>
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<td>3. Consistently produce images demonstrating recognition of specific organ/body part anatomy.</td>
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<td>4. Relate sonographic anatomy to other imaging modalities.</td>
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<td>5. Maintain professionalism.</td>
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MEANS OF STUDENT EVALUATION:

- Competency evaluations: 40%
- Scan Quizzes: 20%
- Scan lab performance / professionalism: 10%
- Final exam: 30%

GRADING SCALE:

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

PREREQUISITES:

Instructor approval.

TEXTBOOK: