MASTER SYLLABUS

COURSE NO., HOURS AND TITLE:
RAD 459B - 1, Advanced Obstetric & Gynecology Sonography ll

COURSE DESCRIPTION:
A continuation in the study of obstetric & gynecology sonography to include pathologic, embryologic, and structural complications, clinical history, physical assessment, and the appropriate exam protocol. Prerequisite: RAD 459A with a minimum grade of C. Restricted to major or consent of school. Students must receive a grade of "C" or higher to advance within the Sonography Program.

COURSE OBJECTIVES:
Upon completion of this course the student will be able to:
1. Explain and describe patient care, preparation & technique for obstetrics and gynecology ultrasound procedures
2. Demonstrate the significance of clinical history; ethics (basic student-technologist and patient rapport).
3. Demonstrate an understanding of congenital abnormalities of the second and third trimester fetus and co-existing disorders.
4. Discuss genetic fetal abnormalities and syndromes.
5. Describe interventional procedures associated with obstetric & gynecologic care as related to Sonography.
6. Describe clinical symptoms, pathologic/physiologic and sonographic findings related to normal and abnormal gynecologic conditions & diseases.

COURSE OUTLINE:

1. Pelvic Anatomy 5%
2. Physiology of the Female Pelvis 10%
3. Uterine and Ovarian Pathology 10%
4. Adnexal Pathology and Infertility 10%
5. Assessment of the First Trimester 10%
6. Assessment of the Second Trimester 10%
7. Assessment of the Third Trimester 10%
8. Fetal Abnormalities 10%
9. Complications in Pregnancy 10%
10. Placenta and Umbilical Cord 10%
11. Patient Care and Technique 5%

MEANS OF STUDENT EVALUATION:

Tests 70%
Assignments 30%
100%

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

**PREREQUISITE:** RAD 459A

**TEXTBOOK:**
Mosby, St. Louis, MO