

**MASTER SYLLABUS**

**COURSE NO., HOURS AND TITLE:**

RAD 459B - 1, Advanced Obstetric & Gynecology Sonography II

**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:**

	<b>Percentages</b>
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	<u>30%</u>
	100%

**GRADING SCALE:** A = 93- 100 %  
B = 85 – 92 %  
C = 77 – 84 %

D = 70 – 76 %  
F = below 70%

**PREREQUISITE:** RAD 459A

**TEXTBOOK:**

Hagen-Ansert, S (2017) Textbook of Diagnostic Ultrasonography 8<sup>th</sup> ed.,  
Mosby, St. Louis, MO