

MASTER SYLLABUS

COURSE NUMBER AND TITLE:

RAD 359B-2 Obstetric & Gynecology Sonography II

COURSE DESCRIPTION:

A study of gynecologic and obstetric/fetal anatomy; physiology; patient care; and imaging/interventional techniques. Emphasis will be placed on normal and abnormal obstetric and fetal anatomy, physiology, sonographic patterns, clinical history, physical assessment. Prerequisite: RAD 359A with a minimum grade of C. Concurrent enrollment in RAD 379B required. 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. Understand the indications, diagnostic, and screening aspects of Obstetrical Sonography examinations.
2. Explain and describe patient care, exam preparation & technique; significance of clinical history; ethics (basic student-technologist and patient rapport).
3. Describe sonographic techniques used to image specific fetal structures.
4. Describe the normal anatomy and physiology, and variations that may be significant, associated with the second and third trimester fetus including: scanning techniques; placenta and umbilical cord; amniotic fluid; fetal assessment and associated maternal complications.
5. Describe prevalence, prognosis and sonographic findings related to the most common chromosomal and congenital fetal anomalies.
6. Explain the appropriate indications and protocols for first, second, and third trimester obstetrics ultrasound.
7. Discuss the maternal and fetal factors for a pregnancy that is considered high risk.

COURSE OUTLINE:

PERCENTAGES:

1. High-Risk Pregnancy	20%
2. Congenital Anomalies	60%
3. Placenta	10%
4. Amniotic Fluid	10%

MEANS OF STUDENT EVALUATION:

Tests	70%
Assignments	<u>30%</u>

100%

Grading Scale

93 - 100 =A

85 - 92 =B

77 - 84 =C

70 - 76 =D

0 - 69 =F

PREREQUISITES: Instructor Approval.

TEXTBOOK:

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