MASTER SYLLABUS

COURSE NUMBER AND TITLE:

RAD 359A-3 Obstetric & Gynecology Sonography I

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 gynecologic anatomy, normal and abnormal first trimester obstetric ultrasound, physiology, sonographic patterns, clinical history, physical assessment, and appropriate exam protocol. 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, exam preparation & technique
2. Demonstrate the significance of clinical history; ethics (basic student-technologist and patient rapport).
3. Describe the normal anatomy and physiology of the non-gravid female pelvis including pediatric; infertility; post-menopausal appearance and scanning techniques.
4. Describe clinical symptoms, pathologic/physiologic and sonographic findings related to: pelvic pathologies and congenital anomalies.
5. Discuss indications for obstetric sonography and the use of sonography as a diagnostic and screening test.
6. Understand clinical ethics for obstetric sonography.
7. Explain the appropriate indications and protocols for first-trimester obstetrics ultrasound.
8. Evaluate for first-trimester complications and abnormalities.
10. Discuss the multiple fetal parameters and calculated ages used to assess the fetal somatic proportions and growth.

COURSE OUTLINE:  

PERCENTAGES:

1. Pelvic Anatomy & Physiology 20%
2. Pelvic Pathology 20%
3. Role of Sonography in Obstetrics 5%
4. 1st Trimester Obstetrics 15%
5. 1st Trimester Complications 15%
6. OB measurements & gestational age 15%
7. Fetal Growth Assessment 10%
MEANS OF STUDENT EVALUATION:
  Tests 70%
  Assignments 30%
  100%

Grading Scale

  93 - 100 = A
  85 - 92 = B
  77 - 84 = C
  70 - 76 = D
  0 - 69 = F

PREREQUISITES: Instructor Approval.

TEXTBOOK: