

Lincoln University

DI/UT 140 – OB/GYN Scanning (Lab)

Course Syllabus

Academic Term: Fall 2012
Course Number: DI 140 / UT 140
Lab Instructor: Richard Yee, RDMS, Deepak Tolia, MD, RDMS, RVT
Contact: ryee@lincolnuca.edu, dtolia@lincolnuca.edu
Credit: 3 units = 90 hours of lab
Class Hours: Tuesdays/Thursdays 12:30-4:15 p.m. (08/21-12/06)
Office Hours: by appointment

Course Description:

Scanning protocols and practice for the ultrasound examination in obstetrics and gynecology.
(3 units) *Prerequisite: DI 130 / UT 130*

Learning Objectives:

- Ultrasound ergonomics
- Anatomy of the female pelvic in Obstetrics and Gynecology
- Basic anatomy images and protocols: Uterus, Ovaries, Fetus biometrics
- Broad understanding of B-mode, Doppler, Color and Spectrum

Instructional Methods:

- Live demonstration ultrasound protocols in class
- Laboratory hands-on training with protocol handouts

Ultrasound Hands-on Laboratory Examination:

Final ultrasound hands-on examination students have to demonstrate understanding on information presented primarily during lectures and hands-on laboratory trainings, i.e. Protocols, Images and time.

- Student(s) need to be at the ultrasound lab ready to start scanning at the exact time per scheduled.
- Arrive about 15 minutes prior to your scheduled exam time.
- If a student is late for scheduled exam time, your time CANNOT be changed and you will not get a full hour! If you are late, you will only have the remaining time left in your hour.
- On exam days you may come to class, but it is not mandatory until your scheduled exam time.
- Only one time RETEST will be given to students with a valid excuse: such as illness, family emergency, unforeseen heavy traffic or natural disaster.

Grading:

Laboratory	Performance of scanning protocols	30%
	Midterm	30%
	Final Exam	30%
	Lab Attendance	10%
Total		100%

% Achieved	Grades
100-93	A
92-89	A-
88-85	B+
84-81	B
80-77	B-
76-73	C+
72-69	C
68-65	C-
64-61	D+
60-50	D
49≤	F

Fall Semester 2012 Schedule: DI/UT 140 (Lab)

Week #	Dates: Tues. & Thurs.	Topics
Week 1	Aug. 21 & 23	Uterus
Week 2	28 & 30	Ovaries
Week 3	Sept. 4 & 6	1 st Trimester
Week 4	11 & 13	2 nd and 3 rd Trimester
Week 5	18 & 20	Head
Week 6	25 & 27	Face
Week 7	Oct. 2 & 4	Thorax
Week 8	9 & 11	Heart
Week 9	16 & 18	Abdomen
Week 10	23 & 25	Umbilical Cord
Week 11	Oct. 30 & Nov. 1	Uro-Genital
Week 12	Nov. 6 & 8	Skeleton
Week 13	13 & 15	Placenta / Amniotic Fluid/AFI
Week 14	Fall Recess	
Week 15	27 & 29	Clinical Protocols
Week 16	Dec. 4 & 6	Final Exam

Syllabus update: 08/17/2012

Recommended self-study:

- Review anatomy location, patient's position, images techniques, biometrics, and pathologies.
- Additional sources: Sonoworld.com, Ultrasoundpedia.com, Sonoaccess App.
Exam Prep Diagnostic Ultrasound: Sanders/Dolk/Miner.

Note:

Instructor may change this syllabus and course schedule at time according to my judgment as to what is best for the class. Any changes will be declared ahead of time in class.