

LINCOLN UNIVERSITY

FALL 2011 COURSE SYLLABUS

Course Number: DI 145 / UT 145

Course Title: Echo Scanning (Lab)

Instructor: Irina Davidovich

Course Credit: 4 units = 120 lab hours

Class Hours: Tuesday 5:30 – 9:15 PM, Saturday 1:30 – 5:15 PM

Course Description:

Scanning protocols and practice for the ultrasound examination of the heart.

Prerequisite: DI 135 / UT 135

Course Objectives:

Upon satisfactory completion of this course, the student will be able to do the following:

- Perform a complete protocol echocardiogram
- Performance evaluations will be administered to assure that scanning skills, techniques, anatomy, pathology, clinical data, terms and concepts associated with the heart are retained from the previous course.
- Select the proper transducer for the examination to be performed.
- Utilize correct anatomical landmarks and scanning references when performing and labeling a study.
- Demonstrate the area of interest by utilizing correct scanning planes and paths.
- Adjust gain controls for optimum display.
- Demonstrate professionalism and ethical behavior in a clinical setting.
- Perform the examination using the correct scan planes and scan paths. Identify pathological conditions commonly demonstrated on this type of procedure.

Instructional Methods:

Instructional methods will include but are not limited to in-class hands on learning activities. Classroom activities are collaborative- students may and should help each other. The instructor will be available to help students with all tutorials and other assignments.

Evaluation: Lab work will be supervised and evaluated by instructor.

Grading Scale:

Attendance 50%

Class Participation 25%

Final Practice Exam 25%

100-90% A

89- 80% B

79-70 C

69-60 D

59% and below F

To successfully complete this course, the student must pass the lab and final practice exam portion with a 70% or better.

Resource materials:

Recommended: Echocardiography Review Guide

By: Catherine M. Otto and Rebecca G. Schwaegler

Basic Class Rules:

- No Cell Phones
- Wear appropriate clothing to scan or be scanned
- No gum or food of any kind
- Keep Lab clean and organized

Syllabus Updated: 8/30/2011