

Course Prefix/Number/Title: DMS-231L OB/GYN Ultrasound I Lab

Number of Credits: 1 semester credit

Course Description:

This course is a hands-on sonographic scanning lab that focuses on the knowledge, skills and techniques for acquisition of appropriate sonographic protocols and image optimization of the female pelvic organs. Color and spectral Doppler applications will also be applied to the appropriate anatomy. This course is integrated with DMS-231.

Pre-requisites: DMS-201

Corequisites: DMS-231

Instructor: Amy Hofmann

Office: Suite 302 5th Ave Building, Trinity Health

Office Hours: 9 AM to 2 PM Tu, Th and by appointment

Phone: 857-5620

Email: amy.hofmann@trinityhealth.org

Lecture Schedule: 12:00 – 2:00 pm Mon. September 20 to December 17 in Suite 301

Lab Schedule: 8:30 – 10:30 am MW November 8 to December 17 in Suite 301

Textbook: Diagnostic Sonography, Hagen-Ansert, 8th Edition

Lab Manual: Trinity Health Clinical Education Handbook

Course Requirements:

Grading is based on completion of assignments, quizzes and test.

Assignments 15%

Quizzes 15%

Test 70%

Consistent with class attendance policy, the student is responsible for attending every class and for the material presented. If a student will not be attending a class, he/she must notify the Program Director prior to absence to plan for makeup time and activities.

Grading Criteria

A = 94-100% of the total points

B = 87 - 93% of the total points

C = 80 - 86% of the total points

F = <79% of the total points

Tentative Lab Outline:

<u>WEEK</u>	<u>ACTIVITY /TOPIC</u>	<u>QUIZ/TEST/ASSIGN</u>
11/8	Transabdominal (TA) Pelvis PowerPointPresent	
11/15	Pelvis TA	
11/22	Pelvis TA	Pelvis TA Protocol Quiz <u>and</u> TA Image PPP Due 22nd
11/29	Transvaginal (TV) Pelvis PowerPointPresent	
12/6	Pelvis TV	Pelvis TV Protocol Quiz
12/8	Pelvis TV Lab Assessment	Pelvis TV Image PPP Due
12/13	Final Test	Final Test

Course Goal and Objectives

Goal:

The goal of this course is to introduce the sonography student to the ultrasound imaging techniques used in gynecology and identify normal sonographic pelvic anatomy with transvaginal and transabdominal imaging protocols.

Objectives:

1. Describe the transabdominal and transvaginal scanning techniques and protocols used in gynecological scanning.
2. Identify the sonographic appearance of normal female pelvic anatomy.
3. Define the clinical signs and sonographic features for pathology discussed in course.

Student Learning Outcomes: This course **is / is not** (circle one) used in assessment of the Student Learning Goals and Outcomes for general sonography.

SLO 1.1 Student will be able to formulate effective technical factors based on patient body habitus, physical limitations, pathology and equipment limitations.

SLO 2.1 Students will be able to effectively collaborate and communicate with health care team members via written communication to provide optimal patient assessment, diagnosis and care.

General Education (GE) Goal and Objectives

Not applicable

Relationship to Campus Theme:

This course addresses a DMS Program theme by developing the knowledge and psychomotor scanning skill sets necessary to perform abdominal sonography utilizing the protocols and techniques that are currently used in sonographic imaging.

Classroom Policies

1. Cell phones and related devices are prohibited in the classroom at all times. It is recommended that you do not bring your cell phone or other electronic devices into the classroom or, at the very least, turn it off.
2. Food and beverages are permitted in accordance with classroom policy.
3. Be respectful of other students, instructors, and guests.

Student Email Policy

Trinity Health is increasingly dependent upon email as an official form of communication. A student's assigned email address will be the only one recognized for official mailings. The liability for missing or not acting upon important information conveyed via Trinity Health DMS Program email rests with the student.

Academic Integrity

All students are expected to adhere to the highest standards of academic integrity. Dishonesty in the classroom or laboratory and with assignments, quizzes and exams is a serious offense and is subject to disciplinary action by the Program Director. For more information, refer to the DMS Program Handbook policies.

Disabilities and Special Needs

If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact the Program Director (701-857-5620) as early as possible during the beginning of the semester.