DAKOTA COLLEGE AT BOTTINEAU

Course Syllabus

Course Prefix/Number/Title: DMS 232L OB GYN II Lab

Number of Credits: 1 semester credits

Course Description:
This course is the hands-on sonographic scanning lab that focuses on the knowledge, skills and techniques for acquisition of appropriate sonographic protocols and image optimization of the organs and structures of the developing fetus during the second and third trimester as visualized by sonography. This course is integrated with DMS 232, the sonographic techniques for evaluation of normal first, second and third trimester pregnancy as well as early pregnancy complications. Color and spectral Doppler applications will also be applied to the appropriate gynecologic and obstetrical anatomy.

Pre-/Co-requisites: DMS 232

Course Objectives:
1. Identify the sonographic appearance of fetal presentation states by identifying fetal anatomy location in uterus.
2. Describe transabdominal scanning techniques and protocols used in second and third trimester obstetrical scanning.
3. Describe the sonographic protocols and core images for fetal growth and development discussed in this course.
4. Describe the fetal head and abdomen measurements and femur length core imaging techniques for second and third trimester sonography.
5. Describe growth assessment and parameters of fetus with appropriate terminology.

Instructors: Keshia Gathman/Amy Hofmann

Office: Suite Q5101 Medical Arts Clinic, Trinity Health

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

Phone: 701-857-5620

Email: amy.hofmann@trinityhealth.org

Lecture/Lab Schedule: 8:30 – 10:30 am/12:00 -2:00 MW in MAC Skywalk Classroom C

Textbook(s): Trinity Health DMS Clinical Education Handbook; Diagnostic Sonography, Hagen-Ansert, 9th Edition

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 Course Outline:

WEEK	TOPIC	READING/ACTIVITY
1/10	OB Core Imaging Lecture Ppt	
1/17	OB Core Image Scanning	
1/24	OB Presentation Lecture Ppt	Presentation Handout
1/31	OB Core, fetal head measurements Lecture Ppt	
2/7	OB fetal head Scanning	
2/14	Head & abdomenal circumference (AC) Scanning	
2/21	Head & AC Scanning	
2/28	Head, AC and femur length	
3/7	Fetal growth imaging	Quiz 1 Fetal Growth Protocol
3/14	March 14-18 Spring Break	
3/21	Fetal growth imaging	
3/28	Fetal growth imaging	Fetal Growth Image Ppt Due
4/4	Cervix Lecture Ppt	
4/11	Fetal Growth Lab Assessment	Lab Assessment
4/18	OB/GYN II Final Test	Test
4/25	Make up time if needed	
5/2		

Competency/Department Learning Outcome(s):
CTE Competency #1: Employ industry-specific skills in preparation for workplace readiness

Learning outcome #1 – Students will be able to formulate effective technical factors based on fetal and maternal anatomy, pathology and equipment limitations. SLO 1.1
Learning outcome #2 – Students will demonstrate effective oral communication skills to articulate appropriate patient information SLO 2.2

Relationship to Campus Focus:
This course addresses a DMS Program theme by developing the knowledge and psychomotor scanning skill sets necessary to perform female pelvic and obstetrical sonography utilizing the protocols and techniques that are currently used in sonographic imaging. Special focus will be on sonographic techniques used in gynecology and obstetrical scanning in identifying normal and abnormal embryonic development, the assessment of embryonic growth in the normal first trimester, normal second trimester as well as complications occurring in the first trimester.

Classroom Policies:
1. Cell phones and related devices are monitored 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, get instructor permission to use approved devices as classroom learning resources.
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/ Dakota College at Bottineau 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 or the College because of failure to access a campus-assigned e-mail address rests with the student. Additionally, the student must provide Trinity Health DMS faculty with a personal email address for communication while in the program.

Academic Integrity:
According to the DCB Student Handbook, students are responsible for submitting their own work. Students who cooperate on oral or written examinations or work without authorization share the responsibility for violation of academic principles, and the students are subject to disciplinary action even when one of the students is not enrolled in the course where the violation occurred. The Code detailed in the Academic Honesty/Dishonesty section of the Student Handbook will serve as the guideline for cases where cheating, plagiarism or other academic improprieties have occurred. Additionally, dishonesty in the classroom or laboratory and with assignments, quizzes and exams is a serious offense and is subject to disciplinary action by the DMS Program Director. For more information, refer to the Trinity Health DMS Program Handbook policies.

Disabilities or Special Needs:
Students with disabilities or special needs (academic or otherwise) are encouraged to contact the instructor and Disability Support Services.

Title IX:
Dakota College at Bottineau (DCB) faculty are committed to helping create a safe learning environment for all students and for the College as a whole. Please be aware that all DCB employees (other than those designated as confidential resources such as advocates, counselors, clergy and healthcare providers) are required to report information about such discrimination and harassment to the College Title IX Coordinator. This means that if a student tells a faculty member about a situation of sexual harassment or sexual violence, or other related misconduct, the faculty member must share that information with the College's Title IX Coordinator. Students wishing to speak to a confidential employee who does not have this reporting responsibility can find a list of resources on the DCB Title IX webpage.

AI Student Policy:
Unless otherwise indicated in the course syllabus, or in individual instructions for course assignments, or in the absence of the express consent of the course instructor, students are not allowed to utilize generative AI to help produce any of their academic work. Any violation of this policy will be considered an act of academic dishonesty as outlined within the Dakota College Code of Student Life.

RESPONSIBILITIES

Students	• Responsible to follow the syllabus and assignment instructions regarding use of generative AI for all academic work. • Obtain permission of the instructor prior to the use of generative AI that is outside of the syllabus or assignment instructions. Provide appropriate rationale for how the use of generative AI will enhance the learning experience for the assignment. • In instances where generative AI is permissible, appropriately cite the generative AI program used and indicate where in the assignment it was used, in a brief submission statement.
Faculty	• Determine if the use of generative AI could enhance student learning in any assignment of project.

	• Clearly indicate in all course syllabi if generative AI is allowable for any academic work. • If allowable, give specific parameters for how and when generative AI may be used. • If a violation of generative AI for the individual course/syllabus is suspected, discuss the concern with the student. If violation is still suspected, inform the appropriate semester coordinator/program director.