DAKOTA COLLEGE AT BOTTINEAU

COURSE SYLLABUS

Course Prefix/Number/Title: DMS 283 Clinical Practicum III (2025)

Number of Credits: 4 semester credits

Course Description:
This course is a supervised clinical observation and hands on sonography rotation in a general sonography outpatient clinics and inpatient units. Students will learn through observation, scanning and application of knowledge obtained during didactic coursework and scanning labs. Emphasis is placed on the professional interaction with sonographers/providers and the performance of sonographic procedures in the patient care environment. Clinical schedules will be Monday and Wednesday through Friday 8:00am to 4:30 pm (8 hours/day) Additionally, students will be assigned a one week rotation 2:00 to 8:00pm and one weekend.

Pre-/Co-requisites: DMS 212, DMS 251

Course Objectives:

1. Recognize and identify the sonographic appearance of normal anatomy of the abdomen, superficial structures, non-cardiac chest, gravid and nongravid pelvis, embryonic and fetal structures, abdominal vasculature and the breast.
2. Recognize, identify and appropriately describe and document the sonographic and Doppler patterns of disease processes, pathology of the abdomen, superficial structures, non-cardiac chest, gravid and nongravid pelvis, embryonic and fetal structures, abdominal vasculature and breast.
3. Incorporate patient history, physical examination, related imaging, laboratory and functional testing procedures and differential diagnosis into their scanning experience.
4. Describe transabdominal and transvaginal scanning techniques and protocols used in abdominal, superficial tissue, pelvic and gynecologic scanning.
5. Continue performing mandatory competencies and develop scanning proficiency.

Instructor: Amy Hofmann, Keshia Gathman, Clinical Preceptors, Sonographers

Office: 5Q101 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: Not applicable

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

Course Requirements:
Grading is based on clinical participation, clinical performance evaluations, lab assessments, professionalism, case study and image review. Evaluations are completed by student self-reporting of clinical activities, faculty and supervising sonographers, weighted accordingly, as follows:

Clinical Evaluations	20%
Lab Assessments (2)	40% **Liver Doppler/Renal Arteries**
Professionalism	20%
Case Study	10%
Image Review	10%

Consistent with attendance policy, the student is responsible for attending every scheduled clinical assignment and for the educational instruction presented. If a student will not be attending a clinical assignment he/she must notify the Program Director or Clinical Coordinator prior to absence for approved absence and to plan for makeup time and/or activities as needed.

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: Not applicable

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

Learning outcome #1 – Students will demonstrate ability to formulated effective technical factors based on patient body habitus, physical limitations, pathology and equipment limitations. SLO 1.1
Learning outcome #2 – Students will demonstrate ability to critically evaluate completed images for diagnostic quality. SLO 1.2
Learning outcome #3 – Students demonstrate ability to effectively collaborate and communicate with health care team members via written communication to provide optimal patient assessment, diagnosis and care. SLO 2.1
Learning outcome #4 – Students will demonstrate effective oral communication skills to articulate appropriate patient information. SLO 2.2
Learning outcome #5 – Students will model ethical health care standards related to HIPAA and patient rights. SLO 3.1

Relationship to Campus Focus:
This clinical practicum addresses a DMS Program theme by developing the knowledge and psychomotor scanning skill sets necessary to perform abdominal, gynecologic, obstetrical and superficial tissue sonography, utilizing the protocols and techniques that are currently used in sonographic imaging.

Clinical/Classroom Policies:
1. Cell phones and related devices are monitored in the clinical/classroom at all times. It is recommended that you do not bring your cell phone or other electronic devices into the clinical/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:
The Dakota College at Bottineau campus community is increasingly dependent upon electronic communication among faculty, staff and students. A student's campus-assigned e-mail address will be the only one recognized by the campus for official mailings. The liability for missing or not acting upon important information conveyed via email because of a failure to access a campus-assigned e-mail address rests with the student. Additionally, students will be provided a Trinity Health email account. 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 of their respective College/University within the first two weeks of the semester to arrange for accommodations.

Title IX:
Dakota College at Bottineau (DCB), Minot State University and DMS Program faculty are committed to helping create a safe learning environment for all students and for the College campus 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.