



Course Prefix/Number/Title: DMS 285 Clinical Practicum V

Number of Credits: 4 semester credits

Course Description: This course is a supervised clinical observation and clinical hands on sonography rotation in general, vascular, obstetrics and gynecology patient care clinic. Students will learn through observation, scanning and application of knowledge obtained during didactic coursework and scanning labs, gaining experience with general diagnostic imaging procedures. Emphasis is placed on the professional interaction and performance of sonographic procedures dealing with the patient.

Pre-/Co-requisites: DMS 284

Course Objectives:

1. Identify the sonographic appearance of normal and abnormal superficial, abdominal, pelvic and vascular anatomy.
2. Incorporate patient history, physical examination, related imaging, laboratory and functional testing information and differential diagnosis into scanning experiences.
3. Demonstrate proficiency in the performance of transabdominal and transvaginal scanning techniques and protocols used in abdominal, pelvic, gynecological, obstetric, vascular and superficial structures.
4. Recognize, identify and appropriately document the sonographic and Doppler patterns of disease processes, pathology and pathophysiology in abdominal, pelvic, gynecological, obstetric, vascular and superficial structures.
5. Define the pathologies discussed in the semester courses and describe the sonographic appearance.
6. Assist or perform sonography of general, gynecological, obstetrical and vascular imaging as scheduled per imaging department following the appropriate patient protocols.
7. Interact professionally with sonographers and reading radiologists.

Instructors: Keshia Gathman, RDMS, RVT/Sonographer Preceptors

Office: Amy Hofmann, Program Director, Suite Q5101 Medical Arts Clinic, Trinity Health

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

Phone: 701-857-5620

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Lecture/Lab Schedule: Not Applicable

Textbook(s)/Clinical Practicum Manual: Trinity Health DMS Clinical Education Handbook, Diagnostic Sonography, Hagen-Ansert, 8th Edition

Course Requirements:

Grading is based on clinical participation, clinical performance evaluations, lab assessments, professionalism, case study and image review. Students are expected to come to clinical area rotations as scheduled, prepared to observe, assist and perform ultrasound procedures. Evaluations are completed by student self-reporting of clinical activities, faculty and supervising sonographers, weighted accordingly, as follows:

Clinical Evaluations	20%
Lab Assessments	40% LE Venous/LE Arterial
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 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: 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 formulate 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

Learning outcome #6 – Students will acquire sonographic images of diagnostic quality. SLO 4.1

Learning outcome #7 – Students will exhibit quality patient care. SLO 4.2

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, vascular, gynecologic, obstetrical and superficial tissue sonography, utilizing the protocols and techniques that are currently used in sonographic imaging.

Classroom Policies:

1. Cell phones and related devices are prohibited and monitored in the clinical areas at all times. It is recommended that you do not bring your cell phone or other electronic devices into the clinical areas or, at the very least, get instructor permission to use approved devices as learning resources.
2. Food and beverages are not permitted in clinical areas in accordance with hospital policy.
3. Be respectful of patients, staff, other students, instructors, and guests.

Student Email Policy:

Trinity Health and 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 or preferred email address for communication while in the program.

Academic Integrity:

All students are expected to adhere to the highest standards of 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 clinical area, with assignments, time and attendance records, clinical experience logs or records is a serious offense and is subject to disciplinary action by the 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:

Trinity Health and affiliated college and university faculty, Dakota College at Bottineau (DCB) and Minot State University 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	<ul style="list-style-type: none">• 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.
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Faculty	<ul style="list-style-type: none">• Determine if the use of generative AI could enhance student learning in any assignment or 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.
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