



Course Prefix/Number/Title: DMS 250 Comprehensive Review

Number of Credits: 3

Course Description: This course is designed to serve as a comprehensive review on the didactic course work of the sonography program. It is completed in the fourth semester in preparation to write the general sonography certification examination. Emphasis is on knowledge, practice standards and skills necessary to provide quality care at an entry level sonographer.

Co-requisites: DMS 242, DMS 242L, DMS 284

Course Objectives: Upon completion of this course, students will be able to:

1. Develop an effective method of preparation for the sonography certification examination.
2. Successfully complete three scored mock registry examinations.

Instructor: Amy Hofmann, MBA, RDMS

Office: Suite 302 5th Ave Building, Trinity Health

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

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Email: amy.hofmann@trinityhealth.org

Lecture/Lab Schedule: 12 - 4 PM M-Th, April 26 to May 13

Textbook(s): Diagnostic Sonography, Hagen-Ansert, 8th edition; Introduction to Sonography and Patient Care, S. Penny, 2016. C. Odwin, A. Fleischer, Lange Review Ultrasonography Examination, 4th ed.

Course Requirements: Attendance and participation. Students are expected to read the text and come to class prepared to listen and discuss during lectures. Didactically, the student's outcome is based upon the completion of assignments, quizzes and final test.

Assignments: 15%

Quizzes 15%

Tests 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 or she must notify the Program Director prior to absence to plan for makeup time and activities.

Grading Criteria:

Quizzes and Tests

100-94% = A

93-87% = B

86-80% = C

79- 0% = F

Tentative Course Outline:

Week/Class/Day	Topic
April 26-29	Vascular system, liver, gallbladder, biliary system, spleen, pancreas, gastrointestinal tract, urinary system, retroperitoneum
May 3-6	Breast, thyroid, scrotum, neonatal head and abdomen, peripheral vascular, female pelvis, first trimester
May 10-13	second, third trimester, fetal growth assessment, congenital anomalies, placenta, umbilical cord, membranes, amniotic fluid, fetal anatomy

General Education Competency/Learning Outcome(s) OR CTE Competency/Department Learning Outcome(s):

1. Demonstrate problem-solving skills
 - a. identify normal and abnormal anatomy or structures from illustrations and sonographic images
 - b. determine sonographic equipment and protocol adaptations for diagnostic image capture
2. Expand critical thinking competence
 - a. assess abdominal, reproductive organs, superficial tissue, obstetrical and vascular anatomy, physiology and hemodynamics.
 - b. demonstrate ability to make appropriate imaging protocol adaptations based on recognized patient pathologies

Relationship to Campus Focus: This course addresses a diagnostic medical sonography program theme by completing a comprehensive review to assess the knowledge and psychomotor scanning skill sets necessary to perform sonography of abdominal, gynecological, obstetric and superficial structures that are currently used in sonographic imaging.

Classroom Policies: Be polite and respectful of the instructor, other students and guests in classroom. Cell phones and related devices are prohibited in the classroom during quizzes and tests. Food and beverages are permitted in classroom.

Student Email Policy: Dakota College at Bottineau is increasingly dependent upon email as an official form of communication. A student's campus-assigned email 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 campus email rests with the student.

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.

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.