

Midland College
MASTER SYLLABUS

DMSO 2242: Sonography of High-Risk Obstetrics (2-1-0)

COURSE DESCRIPTION

This course is a detailed study of the pelvis and obstetrics/gynecology as related to scanning techniques, patient history and laboratory data, transducer selection, and scanning protocols. Prerequisites: DMSO 1405

STUDENT LEARNING OUTCOMES

Upon successful completion of the course the student will understand and demonstrate competency in the following:

1. Identify first trimester pregnancies and their associated complications
2. Describe and identify the function, appearance, physiology and associated complications of the normal and abnormal placenta, the umbilical cord and membranes and amniotic fluid
3. Identify and describe common fetal anomalies of the central nervous system, abdomen and thorax, gastrointestinal system, genitourinary system, skeletal system and the cardiovascular system.
4. Identify and describe multiple gestations and their implications to fetal well being
5. Identify and discuss common gynecological pathology and abnormalities of the female pelvis.

STUDENT CONTRIBUTIONS, RESPONSIBILITIES, AND CLASS POLICIES

Attendance is essential to the student's success and is outlined in the Midland College Catalog and Student Handbook, as well as the Sonography Student Handbook. The subject matter of the Sonography Program's curricula concerns the health and safety of the patients cared for by the Sonography students and graduates.

Because of this and the amount of information delivered in lecture and lab sessions, it is critical that students are present for all class sessions in their entirety. It is the student's responsibility to obtain notes and material covered in class during their absence.

The student is expected to participate in class discussions.

Reading assignments should be completed prior to lectures.

Material from reading and/or workbook which is not covered in class may appear on tests.

Late assignments will not be accepted and will result in a grade of zero.

Missed quizzes and exams will be accepted, with the loss of one letter grade per scheduled class day that it is late.

All portions of this course **MUST** be completed. Failure to complete each component of this course will result in a failing grade.

Evaluation of Students

EVALUATION OF STUDENTS

Final grade will be a criterion-referenced standard percentage, not curved, composed as follows: 5% from attendance, 10% from journal articles and from computer-aided instruction, 20% from weekly quizzes, class participation, and class assignments, 40% from unit exams and 25% from the final examination.

Assignments:

During this course, the student will complete assignments including, but not limited to:

- Online tasks, including journal articles, discussion boards, and worksheets
- Computer-aided instruction

- Scan lab assignments

Quizzes:

Weekly quizzes will be given over content including, but not limited to exam protocols, material covered throughout unit, and normal and abnormal sonographic images. Multiple quizzing formats will be utilized.

Exams:

Each exam will be constructed from a random sample of the material presented prior to the exam date. Multiple testing formats may be utilized.

Final Exam:

The final exam will consist of multiple choice questions and will be similar to the format utilized by the registry. The exam will be cumulative, consisting of a random sample of material presented during the semester. Students must have an average above 70% on their unit exams to be eligible to sit for the final exam. Ineligibility to sit for the final examination will result in a grade of zero on the final exam.

If a quiz or exam is missed, it is the student's responsibility to arrange for the make-up quiz/exam prior to the next class date. The student may also expect an alternative method of testing for the make-up exam.

COURSE SCHEDULE

Class will meet three hours every week except for scheduled Midland College holidays. See class schedule for lecture topics to be covered, quiz and exam schedule.

ADVISING

Any student that scores below a 70 on an exam is responsible for emailing the instructor and scheduling an advising session within 24 hours of the exam review.

NON-DISCRIMINATION STATEMENT

Midland College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following individual has been designated to handle inquiries regarding the nondiscrimination policies: Nicole Cooper Title IX Coordinator 3600 N. Garfield, SSC 129 Midland, Texas 79705 (432) 685-4781 ncooper@midland.edu or see Midland College's Nondiscrimination Policies. For further information on notice of non-discrimination, visit the ED.gov Office of Civil Rights website, or call 1 (800) 421-3481.

AMERICANS WITH DISABILITIES ACT (ADA) STATEMENT

Midland College provides services for students with disabilities through Student Services. In order to receive accommodations, students must visit <https://www.midland.edu/services-resources/accommodation-services.php> and complete the Application for Accommodation Services located under the Apply for Accommodations tab. Services or accommodations are not automatic, each student must apply and be approved to receive them. All documentation submitted will be reviewed and a "Notice of Accommodations" letter will be sent to instructors outlining any reasonable accommodations. For more information or questions, please contact Shep Grinnan, Counselor at sgrinnan@midland.edu or 432-685-4505.

GRIEVANCES AND COMPLAINTS

Concerns should be expressed as soon as possible to allow for early resolution. Midland College encourages students to discuss their concerns with their instructor first. If you feel uncomfortable discussing your situation with your instructor, students can discuss their concerns with the Department Chair first, then the Associate Dean of Health Sciences. If a resolution is still not possible, students may proceed with the formal complaint process.

LICENSURE ELIGIBILITY NOTIFICATION

Completion of Midland College degrees and/or certificates does not guarantee eligibility to take a certification/registry/licensure examination. The eligibility of each person is determined on an individual basis by the regulatory body of the specific discipline. If you have a conviction of a crime other than a minor traffic violation, physical or mental disability/illness, hospitalization/treatment for chemical dependency within the past five years, current intemperate use of drugs or alcohol or a previous denial of a licensure or action by a licensing authority, you will need to contact the specific regulatory body for an individual ruling. Some programs require a criminal background check and urine drug screen.

OTHER CONTACT INFO

Associate Dean: Brandi Havner, RDMS | Office: DFHS 104 | Phone: 432-685-6440

Midland College Police: 432-685-4734