

Midland College
MASTER SYLLABUS

DMSO 2130: Advanced Ultrasound and Review (1-0-0)

COURSE DESCRIPTION

This course is preparation for sonography credentialing exams. Advanced medical sonography topics such as professional development and evolving sonographic applications and practices are also covered.

PREREQUISITES AND/OR COREQUISITES

None.

STUDENT LEARNING OUTCOMES

Upon successful completion of the course, the student will:

1. Demonstrate preparedness for national sonography credentialing examinations through mastery of core sonographic principles and protocols.
2. Apply advanced problem-solving and critical-thinking skills to complex clinical scenarios in preparation for professional practice.
3. Analyze and integrate advanced medical sonography topics, including emerging technologies and evolving sonographic applications.
4. Develop strategies for professional growth, including effective communication, teamwork, and ethical decision-making.
5. Exhibit competence in reviewing and applying patient data and sonographic findings for clinical decision-making.

STUDENT CONTRIBUTIONS, RESPONSIBILITIES, AND CLASS POLICIES

Will be provided by the instructor in the individual course syllabus. Students should contact their instructor with any questions.

EVALUATION OF STUDENTS

Will be provided by the instructor in the individual course syllabus. Students should contact their instructor with any questions.

COURSE SCHEDULE

Will be provided by the instructor in the individual course syllabus. Students should contact their instructor with any questions.

ACADEMIC INTEGRITY

Refer to Midland College's Scholastic Dishonesty and Academic Misconduct policy:

<https://www.midland.edu/about/public-info/scholastic-dishonesty.php>

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. For information and inquiries regarding Midland College's non-discrimination policies, go to: <https://www.midland.edu/about/tix/index.php>.

For further information on notice of non-discrimination, visit the ED.gov Office of Civil Rights website, or call 1 (800) 421-3481.

DISABILITY SUPPORT SERVICES

Midland College provides support services for students with disabilities through Student Services. To request accommodations, students must visit <https://www.midland.edu/services-resources/accommodation-services.php> and complete the required steps.

Accommodations are not automatic; students must apply and be approved each semester.

GRIEVANCES AND COMPLAINTS

Students are encouraged to raise concerns as early as possible. Start by speaking with your instructor. If that is not feasible, you may contact the Department Chair, followed by the Dean of Allied Health. If needed, students may proceed with the formal complaint process.

LICENSURE ELIGIBILITY NOTIFICATION

Completion of a Midland College program does not guarantee eligibility for licensure or certification exams. Eligibility is determined individually by each regulatory agency.

If you have a criminal conviction (other than minor traffic violations), a physical or mental health condition, hospitalization/treatment for chemical dependency within the past five years, or previous licensure actions, contact the relevant agency for guidance.

[DIVISION OFFICE CONTACT INFORMATION](#)