

DMSO 2230 Advanced Ultrasound & Review

CREDIT

2 Semester Credit Hours (2 hours lecture; 1 hour lab)

MODE OF INSTRUCTION

Face to Face

PREREQUISITE/CO-REQUISITE:

COURSE DESCRIPTION

Preparation for medical sonography credentialing exams. Advanced medical sonography topics such as professional development and evolving sonographic applications and practices.

COURSE OBJECTIVES

- Apply problem solving and critical thinking skills in the context of professional transition.
- Demonstrate registry preparedness.

INSTRUCTOR CONTACT INFORMATION

Instructor: Lacey Stinebrickner, M.Ed., RDMS

Email: lfstinebrickner@lit.edu

Office Phone: 409-257-0061

Office Location: Gateway

Office Hours: Please see Starfish to schedule an appointment

REQUIRED TEXTBOOK AND MATERIALS

Examination Review for Ultrasound—Abdomen & Obstetrics and Gynecology by Steven M. Penny. 3rd edition. Wolters Kluwer publishing

ISBN 13:978-1-9751-8548-0

ATTENDANCE POLICY

Students are expected to be in class. Absences must be limited to serious illness and/or immediate family emergencies. Three (3) absences will result in a letter grade reduction. Excessive tardiness (more than 10 minutes/class or more than 2 consecutive classes) will result in an absence being awarded. **This includes lab!**

- The terminology excused or not excused absence does not apply to this class. All absences are equal. Therefore, no matter the circumstances involved in the student's absence it will be counted towards the total for the semester.



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- The sign in sheet will be taken up 15 minutes after class starts. If you are more than 15 minutes late to class you will be counted absent. Also, if you leave the classroom for more than 15 minutes you will be counted absent.
- When absent, the student is required to contact the instructor to obtain make-up assignment for missed class. It is the student's responsibility to make up lab assignments or a grade of zero will be given

DROP POLICY

If you wish to drop a course, you are responsible for initiating and completing the drop process by the specified date as listed in the College Calendar on the [Student Success](#) web page. If you stop coming to class and fail to drop the course, you will earn an "F" in the course.

COURSE CALENDAR

DATE	TOPIC	READINGS (Due on this Date)	ASSIGNMENTS (Due on this Date)
8-24	Syllabus/Resume Info Lab: RUQ Drills		
8-31	Liver Anatomy/Pathology	Review course materials from URR Liver	See Below
<i>DUE BY 9/6/26 @ 11:59 ON BLACKBOARD</i> INTERVIEW QUESTIONS & RESUME ASSIGNMENT CTL URR Physics			
9-7	Labor Day No Class		
9-14	Gallbladder, Biliary System & Pancreas	Review course materials from URR Gallbladder, Biliary System & Pancreas	See Below
<i>DUE BY 9/20/26 @ 11:59 ON BLACKBOARD</i> CTL URR Anatomy Liver, GB, Pancreas Clinical Liver, GB, Pancreas Pathology Liver, & Pathology Biliary System			
9-21	Urinary Pathology	Review course materials from URR Urinary Pathology	See Below
<i>DUE BY 9/27/26 @ 11:59 ON BLACKBOARD</i> Resume Rough Draft CTL URR Urinary Pathology			
9-28	Abdominal Vascular, Spleen, & Miscellaneous	Review course materials for Abdominal Vascular,	See Below

		Spleen, & Miscellaneous	
<i>DUE BY 10/4/26 @ 11:59 ON BLACKBOARD</i> CTL URR Anatomy Spleen, Urinary, and Vascular Clinical Spleen, Urinary, and Vascular & Miscellaneous Pathology Pancreas and Spleen & Miscellaneous			
10-5	Scrotum, Thyroid & Superficial Structures	Review course materials for Scrotum, Thyroid & Superficial Structures	See Below
<i>DUE BY 10/11/26 @ 11:59 ON BLACKBOARD</i> CTL URR Anatomy Scrotum, Thyroid, Miscellaneous Clinical Scrotum, Thyroid, Proc Pathology Scrotum, Thyroid, Vas			
10-12	Baptist Meeting with students; Abd Mock Registry #1 B25		
10-19	Abdomen Scan Final		See Below
<i>DUE BY 10/25/26 @ 11:59 ON BLACKBOARD</i> Resume Final Draft if not happy with first grade Abd Mock Registry D25 (These can only be taken 7 times, and you won't have access to this exam any longer)			
10-26	Gynecologic Anatomy, Physiology, & Normal Variants	Review course materials from URR Gyn Anatomy & Physiology	See Below
<i>DUE BY 11/1/26 @ 11:59 ON BLACKBOARD</i> CTL URR Gynecology Anatomy Physics & Instrumentation Protocols & Procedures (P1-P3)			
11-2	Gynecologic Pathology: Uterus & Endo; Ovary & Adnexa	Review course materials from URR Gyn Pathology	See Below
<i>DUE BY 11/8/26 @ 11:59 ON BLACKBOARD</i> CTL URR Gynecology Pathology			
11-9	First Trimester: Normal Development and Pathology	Review course materials from URR 1 st Trimester	See Below

<i>DUE BY 11/8/26 @ 11:59 ON BLACKBOARD</i> CTL URR 1 st Trimester Anatomy & Physiology TA Pelvic/1 st Trimester Ultrasound in Lab			
11-16	Fetal Pathology I: CNS, Spine, Face & Neck	Review course materials from URR 2 nd /3 rd Trimester	
11-23	Fetal Pathology II: Chest, Abdomen, GU & Skeletal	Review course materials from URR 2 nd /3 rd Trimester	See Below
<i>DUE BY 11/29/26 @ 11:59 ON BLACKBOARD</i> CTL URR 2 nd /3 rd Trimester Anatomy 2 nd /3 rd Trimester Pathology Part 1-3			
11-30	Placenta, Cord, Fluid, Multiple Gestations & High-Risk OB		See Below
<i>DUE BY 12/6/26 @ 11:59 ON BLACKBOARD</i> 4 Hours of Community Service (must be approved by me) Neonatal Spine, Head, and Hips Blackboard Quiz OB/GYN Mock Registry A25 (These can only be taken 7 times, and you won't have access to this exam any longer)			
12-7	OB Mock Registry 2 E25 In Class		

* This schedule is subject to change at the discretion of the instructor.

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

Mock Exams	60%
Lab Assignments	20%
Course Assignments	20%

GRADE SCALE

- 93-100 A
- 85-92 B
- 77-84 C
- 69-76 D
- 0-68 F

TECHNICAL REQUIREMENTS

The latest technical requirements, including hardware, compatible browsers, operating systems, etc. can be online at <https://lit.edu/online-learning/online-learning-minimum-computer-requirements>. A functional broadband internet connection, such as DSL, cable, or WiFi is necessary to maximize the use of online technology and resources.

DISABILITIES STATEMENT

The Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. LIT provides reasonable accommodations as defined in the Rehabilitation Act of 1973, Section 504 and the Americans with Disabilities Act of 1990, to students with a diagnosed disability. The Special Populations Office is located in the Eagles' Nest Room 129 and helps foster a supportive and inclusive educational environment by maintaining partnerships with faculty and staff, as well as promoting awareness among all members of the Lamar Institute of Technology community. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409)-951-5708 or email specialpopulations@lit.edu. You may also visit the online resource at [Special Populations - Lamar Institute of Technology \(lit.edu\)](https://www.lit.edu/specialpopulations).

STUDENT CODE OF CONDUCT STATEMENT

It is the responsibility of all registered Lamar Institute of Technology students to access, read, understand and abide by all published policies, regulations, and procedures listed in the *LIT Catalog and Student Handbook*. The *LIT Catalog and Student Handbook* may be accessed at www.lit.edu. Please note that the online version of the *LIT Catalog and Student Handbook* supersedes all other versions of the same document.

STARFISH

LIT utilizes an early alert system called Starfish. Throughout the semester, you may receive emails from Starfish regarding your course grades, attendance, or academic performance. Faculty members record student attendance, raise flags and kudos to express concern or give praise, and you can make an appointment with faculty and staff all through the Starfish home page. You can also login to Blackboard or MyLIT and click on the Starfish link to view academic alerts and detailed information. It is the responsibility of the student to pay attention to these emails and information in Starfish and consider taking the recommended actions. Starfish is used to help you be a successful student at LIT.

AI Statement

Lamar Institute of Technology (LIT) recognizes the recent advances in Artificial Intelligence (AI), such as ChatGPT, have changed the landscape of many career disciplines and will impact many students in and out of the classroom. To prepare students for their selected careers, LIT desires to guide students in the ethical use of these technologies and incorporate AI into classroom instruction and assignments appropriately. Appropriate use of these technologies is at the discretion of the instructor. Students are reminded that all submitted work must be their own original work unless otherwise specified. Students should contact their instructor with any questions as to the acceptable use of AI / ChatGPT in their courses.

ADDITIONAL COURSE POLICIES/INFORMATION

1. Cellphones and other electronic devices must be turned off during class.
2. Do not bring children to class.
3. All assignments are due at the beginning of class when stated on the addendum. Late assignments will have a 10-point deduction for every class day that the assignment is late. Missed in-class assignments receive a grade of zero.
4. Exams will be on the dates specified unless the instructor makes a change.
5. Students are to arrive promptly at the scheduled lecture/lab time.
6. Student's attire should be clinical dress code when attending lab sessions.
7. Students are not allowed to eat and drink in the lab.
8. Students are expected to conduct themselves as though they are in a clinical setting. Loud talking, joking, use of foul language or any disruptive behavior will cause the student to be dismissed from the lab session and will result in disciplinary action.
9. Students will participate in live-scanning practice/assignments. Each student must rotate scan partners.
10. If the student leaves the lecture/lab early an absence will be awarded.
11. Images turned in for scanning assignments must include the student's name, time and date. The student should not crop off the images. Images not containing this information will not be given credit.
12. Images turned in on ANY assignment must be taken by that student and again include the student's name on the image.

Noncompliance with these rules and procedures will result in disciplinary action for the student as further explained in the student handbook. Lecture/Lab instructors are also required to comply with the Lab Rules and Procedures.