

Clinical I - DMSO 1360 7A1



**LAMAR INSTITUTE
OF TECHNOLOGY**

CREDIT

3 Semester Credit Hours (0 hours lecture, 24 hours lab)

MODE OF INSTRUCTION

Face to Face

PREREQUISITE/CO-REQUISITE:

Passed all previous Medical Sonography courses

COURSE DESCRIPTION

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional.

COURSE OBJECTIVES

Upon completion of this course, the student will be able to

- Apply the theory, concepts, and skills involving specialized materials, tool, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupational and the business/industry.
- Will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

INSTRUCTOR CONTACT INFORMATION

Instructor: Tracy Ryals RDMS, RVT

Email: taryals@lit.edu

Office Phone: (409) 234-6033

Office Location: Gateway Office 115

Office Hours: By appointment on Starfish

REQUIRED TEXTBOOK AND MATERIALS

Scan Book (2" 3 ring binder, tab dividers)

Pencil pouch for binder, pes, pencils, post-its

Pocket size notebook

ATTENDANCE POLICY

- Absences must be limited to serious illness and/or immediate family emergencies. The student is allowed 2 (16 hours) unexcused absences in a semester. Catastrophic events are reviewed on an individual case by case basis. **A letter will be deducted from the final grade for each unexcused absence over 2.** Example: if a student has an 'A' in clinical, 5 unexcused absences would reduce their final grade to a 'D' and the student will then be dropped from the program. Any absence over 2, excused or not, must be made up at/by the end of the semester. Make-up days must be approved if they are done before the end of the semester.
- Arriving late for clinic, leaving clinic early, and missed time clock punches must be documented (with a reason) on the clinical time sheet.
- **Points will be deducted from the final grade for any time that is not made up:**
 - 0 – 2 hours = 2 points
 - 3 – 4 hours = 4 points
 - 5 – 6 hours = 6 points
 - 7 – 8 hours = 8 points
- In the event that LIT is forced to cancel classes due to inclement weather, DMSO/DSAE classes and clinical will also be cancelled. Notification of closures will be made through local radio and TV stations. Students will also receive recorded phone and e-mail alerts from the LIT system.
- How Clinic Attendance Is Recorded: Total hours for the week are calculated (24 hours a week). When a student is tardy, absent, leaves early or is unaccounted for, that time is deducted from the 24 hours for that week and must be made-up during the week or the missed time is counted toward the two allowed absences.
- Every student must use the time clock at their clinical site to record their clinical hours. Missed punches will result in a reduction on the Clinical Evaluation grade of 1 point for every 2 missed punches in a 1-week period.
- When absent from clinic, call LIT 839-2923 (you may leave a message) and the clinical site. Immediate letter grade drop if either is neglected. Missed time must be made up at the end of the semester. Make up days must be approved by the clinical site and the clinical coordinator if not on the allotted make-up days.
- Any absences during the last week of clinic must be made up regardless of the reason.

DROP POLICY

If you wish to drop a course, you are responsible for initiating and completing the drop process. If you stop coming to class and fail to drop the course, you will earn an “F” in the course.

COURSE CALENDAR

WEEK	TOPIC	(Due on this Date)	ASSIGNMENT Location
1	Go over clinical rules, requirements and paperwork Clinical Site Tours	See Calendar	Scan Book
2	Learning clinical policies, protocols Practice Scanning Exams and Observing procedures	See Calendar	Scan Book
3	Learning clinical policies, protocols Practice Scanning Exams and Observing procedures	See Calendar	Scan Book
4	TEST on Great vessels (Challenge)	See Calendar	Scan Book
5	TEST on Liver (Challenge) TEST on GB (Challenge) Observation #1 due	See Calendar	Scan Book
6	TEST on Pancreas (Challenge)	See Calendar	Scan Book
7	Journal #1 due	See Calendar	Scan Book
8	TEST on Spleen (Challenge) SCAN BOOK CHECK #1 Clinical Evaluation of student #1	See Calendar	Scan Book
9	Spring Break	See Calendar	Scan Book
10	Practice Scanning Exams and Observing procedures	See Calendar	Scan Book
11	TEST on Renal (Challenge)	See Calendar	Scan Book
12	TEST on thyroid (Challenge)	See Calendar	Scan Book
13	Journal #2 due	See Calendar	Scan Book
14	TEST on Female pelvis (Challenge)	See Calendar	Scan Book
15	Observation #2 due	See Calendar	Scan Book
16	SCAN BOOK Check #2 Clinical Evaluation of student #2 Student Evaluation of clinical Site Professional and Exam proficiencies	See Calendar	Scan Book

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

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|---|-----|-----|
| 1. Clinical Evaluations | 25% | |
| 2. Professional Qualities Proficiencies | | 10% |
| 3. Exam Proficiencies | 10% | |
| 4. Clinical Challenges | 40% | |
| 5. Journals and Observations | | 10% |
| 6. Exams Performed/Observed | | 5% |

(Exams Performed/Observed: A= 100-81; B=80-71; C=70-61; Failing less than 61.)

GRADE SCALE

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

COURSE OUTLINE

- A. Tour of Clinical Sites (If possible)
 1. St. Mary OPC
 2. Southeast Texas Medical Center
 3. St Elizabeth Hospital
 4. St. Elizabeth OPP
 5. Baptist Beaumont
 6. Baptist Orange
 7. Diagnostic Health Centers
- B. Review of clinical forms and Rules
 1. Time Sheets
 2. Log forms
 3. Calendars
 4. Evaluations
 5. Proficiencies
 6. Assignments
- C. Clinical procedures/equipment
 1. Ultrasound equipment
 2. PACS
 3. Patient Worksheets
 4. Protocols
 5. Work Area
- D. Practice live patient scanning
 1. Room set up
 2. Clean linen
 3. Equipment selection
 4. Patient interaction

- a. Explanation of procedure
- b. Acquiring patient history
5. Image analysis
 - a. Diagnostic
 - b. Annotation
 - c. Anatomy
6. Patient positioning
7. Paperwork
8. Discussion of findings with clinical instructors
- E. Scanning patients for grades on:
 1. Great vessels
 2. GB
 3. Liver
 4. Pancreas
 5. Spleen
 6. Renal
 7. Thyroid
 8. Female Pelvis

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://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.

ADDITIONAL COURSE POLICIES/INFORMATION

1. Maintains clean work environment.
2. Challenge grades must be an A or B or the challenge must be repeated.
3. An unacceptable performance rating on the student clinical evaluation form may result in clinical probation or expulsion.
4. Demonstrates concern for the patient's care, need, safety, and right to privacy.
5. Promotes a positive and collaborative atmosphere with other healthcare providers.
6. Late assignments will be accepted at the penalty of 10 points for each late day.
7. Points will be taken from Clinic Evaluation of Student grade:
 - 2-point reduction for each incomplete area (Signatures on Logbooks, Exam Proficiencies, Professional Proficiencies, etc.).
 - 5-point reduction for each missing area (handbook, time card, logbooks, Student Evaluation of Clinic, etc.).
 - 5-point reduction for each day past the deadline for Scan Book checks.
 - A "0" will be given for each assignment not done (Challenges, Proficiencies, Clinic Evaluation, etc.)