



**LAMAR INSTITUTE
OF TECHNOLOGY**

INSTRUCTOR CONTACT INFORMATION

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|------------------|-----------------|
| Instructor: | Jolene Thompson |
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| Office Location: | MPC 245 |
| Office Hours: | Upon Request |

CREDIT

2 Semester Credit Hours (2 hours lecture, 0 hours lab)

MODE OF INSTRUCTION

Online

PREREQUISITE/CO-REQUISITE:

- EMSP 1338
- EMSP 1355
- EMSP 2206
- EMSP 2137

COURSE DESCRIPTION

Knowledge and skills to safely manage multi-casualty incidents and rescue situations utilize air medical resources; identify hazardous materials and other specialized incidents.

COURSE OBJECTIVES

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

- Demonstrate how to perform a daily inspection of an emergency vehicle.
- Demonstrate how to clean and disinfect the emergency vehicle and equipment during the post-run phase.
- Demonstrate how to perform triage based on a fictitious scenario that involves an MCI.
- Describe how to remove or cut battery cables in traditional fueled, electric, and hybrid vehicles.
- Demonstrate how to stabilize a vehicle.
- Demonstrate how to gain access to the patient by opening the door.
- Demonstrate how to gain access to the patient and provide initial medical care.
- Demonstrate how to gain access to the patient by breaking tempered glass using a spring-loaded center punch.

- Outline techniques for patient extraction: seat displacement, windshield removal, roof removal, and dash displacement.
- Demonstrate how to stabilize a suspected spinal injury in the water.
- Identify Department of Transportation labels, placards, and markings that are used to designate hazardous materials.
- Demonstrate how to use a nerve agent antidote kit.

REQUIRED TEXTBOOK AND MATERIALS

EMS Program Student Handbook

Nancy Caroline's Emergency Care in the Streets 9th, ISBN: 9781284274004

Platinum Planner

EMS Testing

ATTENDANCE POLICY

Log into Blackboard at least twice a week. Recordings that are provided are to be watched.

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

| DATE | TOPIC | READINGS (Due on this Date) | ASSIGNMENTS (Due on this Date) |
|---------|----------------|--------------------------------|-----------------------------------|
| WEEK 1 | CHAPTER 47 | - | - |
| WEEK 2 | CHAPTER 47 | - | - |
| WEEK 3 | CHAPTER 47 | - | 09/08/2025 |
| WEEK 4 | CHAPTER 48 | - | - |
| WEEK 5 | CHAPTER 48 | - | 09/22/2025 |
| WEEK 6 | CHAPTER 49 | - | - |
| WEEK 7 | CHAPTER 49 | - | 10/06/2025 |
| WEEK 8 | MIDTERM REVIEW | - | - |
| WEEK 9 | MIDTERM EXAM | - | 10/13/2025 |
| WEEK 10 | CHAPTER 50 | - | - |
| WEEK 11 | CHAPTER 50 | - | 10/27/2025 |
| WEEK 12 | CHAPTER 51 | - | 11/03/2025 |
| WEEK 13 | CHAPTER 52 | - | - |
| WEEK 14 | CHAPTER 52 | - | 11/17/2025 |
| WEEK 15 | CHAPTER 53 | - | 12/01/2025 |
| WEEK 16 | FINAL EXAM | REVIEW 12/05/2024 | FINAL 12/10/2025 |

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

| | |
|--------------------------|-----|
| Skills Performance Sheet | 80% |
| Affective Evaluation | 20% |

GRADE SCALE

| | |
|----------|---|
| 90 – 100 | A |
| 84 – 89 | B |
| 75 – 83 | C |
| 70 – 74 | D |
| 0 – 69 | 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 \(lit.edu\)](#).

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.

ARTIFICIAL INTELLIGENCE 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.

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

Course Policies

1. Attendance Policy. Three absences are allowed. If a student is tardy to class or departs early three (2) times, it will be equal to one (1) absence. Each absence beyond three absences will result in a 5-point deduction from your final grade.
2. If you wish to drop a course, the student is 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.
3. See specific course policies in the EMS Program Student Handbook.
4. Lab Skill Sheets
 - a. Each specific lab skill sheet will be assigned a minimal points required to pass the specific skill.
 - b. Each specific lab skill sheet will be assigned "Critical Criteria" which must be met in order to pass the skill.
5. All lab skills are required to be passed the number of times assigned to each specific lab skill.
 - Individual Student Competency Evaluation in the Laboratory
 - Lab skills are assigned a minimal number of times that the lab skill must be performed successfully while being evaluated by peers (P2P), and while being evaluated by lab instructors.
 - Individual Student Competency Evaluation in a laboratory Scenario.
 - Lab skills are assigned a minimal number of times that the skill will be performed successfully in a scenario designed for that skill.

Course Outline

A. Transport Operations

1. Emergency Vehicle Design
2. Emergency Vehicle Equipment
3. Checking the Emergency Vehicle
- B. Incident Management
 1. Triage
- C. Vehicle Extrication and Special Rescue
 1. Vehicle Extrication
 2. Additional Specialized Rescue Situations
- D. Hazardous Materials
 1. Regulations and Standards
- E. Terrorism Response
 1. Paramedic Response to Terrorism