

EMS Operations (EMSP 2205_2A2)



**LAMAR INSTITUTE
OF TECHNOLOGY**

INSTRUCTOR CONTACT INFORMATION

Instructor:	Danielle Clary
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Office Phone:	409-247-8752
Office Location:	MPC 255
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:

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

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- Outline techniques for patient extraction: seat displacement, windshield removal, roof removal, and dash displacement.
- Understand 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.
- Understand 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

For this online class, students must log in at least once every day to check announcements and complete assignments. If a student has not logged in to the online class in several days, the instructor will make a note in Starfish.

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	-	09/08/2024
WEEK 4	CHAPTER 48	-	-
WEEK 5	CHAPTER 48	-	09/22/2024
WEEK 6	CHAPTER 49	-	-
WEEK 7	CHAPTER 49	-	10/06/2024
WEEK 8	MIDTERM REVIEW	-	-
WEEK 9	MIDTERM EXAM	-	10/13/2024
WEEK 10	CHAPTER 50	-	-
WEEK 11	CHAPTER 50	-	10/27/2024
WEEK 12	CHAPTER 51	-	11/03/2024
WEEK 13	CHAPTER 52	-	-
WEEK 14	CHAPTER 52	-	11/17/2024
WEEK 15	CHAPTER 53	-	12/01/2024
WEEK 16	FINAL EXAM	REVIEW 12/05/2024	FINAL 12/10/2024

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

Affective Evaluation	10%
Chapter Quiz	30%
Mid-Term Exam	30%
Final Exam	30%

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 Wi-Fi 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. 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.
2. See specific course policies in the EMS Program Student Handbook.

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