EMS Operations EMSP 2205 (Lab)

Credit
- 2 Semester Credit Hours; (3 Lab Hours)

Prerequisite
- EMT-Basic certification

Co-requisite
- EMSP 1172
- EMSP 2264
- EMSP 2444

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.

Required Textbook and Materials
- EMS Program Student Handbook
- Nancy Caroline's Emergency Care in the Streets 8th
  - ISBN 13:9781284137187
- FISDAP

Course Objectives[1]
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.

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[1] Curriculum based on the National EMS Education Standards set by the United States Department of Transportation (DOT).

- Demonstrate how to use a nerve agent antidote kit.

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

Grade Scale

90-100	A
84-89	B
75-89	C
70-74	D
0-69	F

Course Evaluation
Final grades will be calculated according to the following criteria:

1. Skills Performance Sheet   80%
2. Affective Evaluation   20%

Course Policies
1. No food, drinks, or use of tobacco products in class.
2. Computers, telephones, headphones, and any other electronic devices must be turned off while in class or used only with permission of the instructor.
3. Do not bring children to class.
4. No late assignments will be accepted.
5. 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.
6. 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.
7. Additional class policies as defined by EMS Program Student Handbook.
8. 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.
       c. Each specific lab skill sheet must have a letter score of "C" or better and all critical criteria must be met in order for that lab skill to be accepted.

9. All lab skills are required to be passed the number of times assigned to each specific lab skill.

Lab Skills Required

Skill	Peer to Peer Required	Instructor Required
Spinal Immobilization Seated	3	2
Spinal Immobilization Supine	3	2

Technical Requirements (for courses using Blackboard)

The latest technical requirements, including hardware, compatible browsers, operating systems, software, Java, etc. can be found online at:
https://help.blackboard.com/en-us/Learn/9.1_2014_04/Student/015_Browser_Support/015_Browser_Support_Policy A functional broadband internet connection, such as DSL, cable, or WiFi is necessary to maximize the use of the online technology and resources.

Disabilities Statement

The Americans with Disabilities Act of 1992 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. Among other things, these statutes require that all students with documented disabilities be guaranteed a learning environment that provides for reasonable accommodations for their disabilities. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409) 880-1737 or visit the office in Student Services, Cecil Beeson Building. You may also visit the online resource at http://www.lit.edu/depts/stuserv/special/defaults.aspx

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 or obtained in print upon request at the Student Services Office. Please note that the online version of the *LIT Catalog and Student Handbook* supersedes all other versions of the same document