

Assessment Based Management (EMSP 2243)

Credit

- 2 semester credit hours (1 hours lecture, 2 hour lab)

Prerequisite

- EMT-Basic certification

Co-requisite

- EMSP 2262
- EMSP 2237
- EMSP 1355
- EMSP 2430

Course Description

A summative experience covering comprehensive, assessment based patient care management for the paramedic level.

Required Textbook and Materials

- EMS Program Student Handbook
- NREMT Paramedic Psychomotor Competency Portfolio
- Stethoscope
- Pen light
- BP cuff
- Trauma shears

Course Objectives¹

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

- Integrate a complex depth and comprehensive breadth of knowledge of the anatomy and physiology of all human systems.
- Integrate comprehensive knowledge of pathophysiology of major human systems.
- Integrate scene and patient assessment findings with knowledge of pathophysiology to form a field impression. This includes development of a list of differential diagnoses through clinical reasoning to modify the assessment and formulate a treatment plan.
- Integrate comprehensive knowledge of causes and pathophysiology into the management of the cardiac arrest and peri-arrest states.
- Integrate a comprehensive knowledge of the causes and pathophysiology into the management of shock, respiratory failure or arrest with an emphasis on early intervention to prevent arrest.
- Safely and effectively perform all psychomotor skills within the National EMS Scope of Practice Model and state scope of practice at the Paramedic level

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



Course Outline

- A. Welcome to LIT EMS Program
 - 1. Introduction of EMS Staff, Instructors and students
 - 2. EMS program policies

- B. Oral Station(s)
 - 1. Explain the general approach, patient assessment, differentials, and management priorities for patients with the following problems:
 - a. Chest Pain
 - b. Medical Cardiac Arrest
 - c. Traumatic Cardiac Arrest
 - d. Acute Abdominal Pain
 - e. GI Bleed
 - f. Altered Mental Status
 - g. Dyspnea
 - h. Syncope
 - i. Seizures
 - j. Environmental or Thermal Exposure Emergencies
 - k. Hazardous Material or Toxic Exposure
 - l. Multi-Systems Trauma
 - m. Allergic Reaction
 - n. Behavioral Emergencies
 - o. Obstetrical Emergencies
 - p. Pediatric Emergencies

- C. Practical Station (Simulation)
 - 1. While serving as team leader, assess a programmed patient or mannequin, consider differentials. Make decisions relative to interventions and transportation, provide the interventions, patient packaging and transportation, work as a team and practice various roles for the following common emergencies:
 - a. Chest Pain
 - b. Cardiac Arrest
 - c. Acute Abdominal pain
 - d. GI Bleed
 - e. Altered Mental Status
 - f. Dyspnea
 - g. Syncope
 - h. Seizure
 - i. Trauma
 - a) Isolated Extremity Fracture
 - b) Femur Fracture
 - c) Shoulder Dislocation
 - d) Clavicle Fracture
 - e) Spine Injury

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Course Syllabi

- f) Penetrating Trauma
- g) Impaled Object
- h) Head Injury
- j. Allergic Reaction/Bites/Envenomation
 - a) Local Allergic Reaction
 - b) Systemic Allergic Reaction
 - c) Envenomation
- k. Behavioral
 - a) Mood Disorders
 - b) Schizophrenic and Delusional Disorders
 - c) Suicidal
- l. Obstetrics/Gynecology
 - a) Vaginal Bleeding
 - b) Childbirth
- m. Pediatric
 - a) Respiratory Distress
 - b) Fever
 - c) Seizure

Grade Scale

90 – 100	A
84 – 89	B
75 – 83	C
70 – 74	D
0 – 69	F

Course Evaluation

Final grades will be calculated according to the following criteria:

Oral Station	50%
Practical Station	50%

Course Policies

1. Computers, telephones, headphones, and any other electronic devices must be turned off while in class or used only with permission of the instructor.
2. Do not bring children to class.
3. Late assignments will be accepted on a case by case basis.
4. Tests. Students that miss a test are not allowed to make up the test. Students that miss a test will receive a grade of '0'.

5. Attendance Policy. Three absences are allowed. If a student is tardy to class or departs early two (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 the EMS Program Student Handbook.

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