



**LAMAR INSTITUTE  
OF TECHNOLOGY**

## Assessment Based Management EMSP2243

### **INSTRUCTOR CONTACT INFORMATION**

Instructor: Jolene Monse Thompson

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Office Phone: 409-247-5090

Office Location: MPC 245

Office Hours: Upon Request

### **CREDIT**

2 Semester Credit Hours (1 hours lecture, 2 hours lab)

### **MODE OF INSTRUCTION**

Face to Face

### **PREREQUISITE/CO-REQUISITE:**

Prerequisite

- EMT-Basic certification

Co-requisite

- EMSP 2434
- EMSP 2137
- EMSP 1355
- EMSP 2143

### **COURSE DESCRIPTION**

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

### **COURSE OBJECTIVES**

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

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. 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

#### B. 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

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

#### **REQUIRED TEXTBOOK AND MATERIALS**

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

#### **ATTENDANCE POLICY**

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.

#### **DROP POLICY**

If you wish to drop a course, you are responsible for initiating and completing the drop process by the specified drop date as listed on the [Academic Calendar](#). If you stop coming to class and fail to drop the course, you will earn an "F" in the course.

#### **STUDENT EXPECTED TIME REQUIREMENT**

For every hour in class (or unit of credit), students should expect to spend at least two to three hours per week studying and completing assignments. For a 3-credit-hour class, students should prepare to allocate approximately six to nine hours per week outside of class in a 16-week session OR approximately twelve to eighteen hours in an 8-week session. Online/Hybrid students should expect to spend at least as much time in this course as in the traditional, face-to-face class.

#### **COURSE CALENDAR**

DATE	TOPIC	READINGS (Due on this Date)	ASSIGNMENTS (Due on this Date)
	Scenarios based upon needs of students		

### **COURSE EVALUATION**

Final grades will be calculated according to the following criteria:

Oral Station 50%

Practical Station 50%

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### **GRADING SCALE**

90 – 100 A

84 – 89 B

75 – 83 C

70 – 74 D

0 – 69 F

LIT does not use +/- grading scales

### **ACADEMIC DISHONESTY**

Students found to be committing academic dishonesty (cheating, plagiarism, or collusion) may receive disciplinary action. Students need to familiarize themselves with the institution's Academic Dishonesty Policy available in the Student Catalog & Handbook at <http://catalog.lit.edu/content.php?catoid=3&navoid=80#academic-dishonesty>.

### **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](mailto: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](http://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. 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. 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.
6. Additional class policies as defined by the EMS Program Student Handbook.