

Emergency Medical Technician (EMSP\_1260\_9T1\_202510P)



**LAMAR INSTITUTE  
OF TECHNOLOGY**

### **INSTRUCTOR CONTACT INFORMATION**

Instructor: Casey Sullivan-Flood  
Email: CKSullivan@LIT.edu  
Office Phone: 409.273.2496  
Office Location: Career and Technical Education Center  
Office Hours: upon request.

### **CREDIT**

5 semester credit hours (3 hours lecture, 8 hours lab)

### **MODE OF INSTRUCTION**

Face to Face

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

- EMSP 1501
- Work Keys Reading Exam with a score of 5 or greater **or** TSI writing with a score of 351 or greater **or** ENGL 1301 with a score of C or greater.

### **COURSE DESCRIPTION**

Preparation for certification as an Emergency Medical Technician (EMT).

### **COURSE OBJECTIVES**

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

- Apply fundamental knowledge of the EMS system, safety/well-being of the EMT, and medical/legal and ethical issues to the provisions of emergency care.
- Apply fundamental knowledge of the anatomy and function of all human systems to the practice of EMS.
- Use fundamental anatomical and medical terms and abbreviations in written and oral communication with colleagues and other health care professionals.
- Apply fundamental knowledge of the pathophysiology of respiration and perfusion to patient assessment and management.
- Apply fundamental knowledge of life span development to patient assessment and management.
- Use simple knowledge of the principles of illness and injury prevention in emergency care.
- Apply fundamental knowledge of the medications that the EMT may assist/administer to a patient during an emergency.

Approved:

- Apply knowledge (fundamental depth, fundamental breadth) of general anatomy and physiology to patient assessment and management to assure a patent airway, adequate mechanical ventilation, and respiration for patients of all ages.
- Apply scene information and patient assessment findings (scene size up, primary and secondary assessment, patient history, and reassessment) to guide emergency management.
- Apply fundamental knowledge to provide basic emergency care and transportation based on assessment findings for an acutely ill patient.
- Apply fundamental knowledge of the causes, pathophysiology, and management of shock, respiratory failure or arrest, and post resuscitation management.
- Apply fundamental knowledge to provide basic emergency care and transportation based on assessment findings for an acutely injured patient.
- Apply fundamental knowledge of growth, development, and aging and assessment findings to provide basic emergency care and transportation for a patient with special needs.

Apply knowledge of operational roles and responsibilities to ensure safe patient, public, and personnel safety.

### **REQUIRED TEXTBOOK AND MATERIALS**

*Emergency Care & Transportation of Sick and Injured* by AAOS, 12th edition. Jones & Bartlett Publishers. ISBN number **978-1-284-20430-8**

Access to Google calendar – No cost to student.

**See EMS Program Student Handbook and Clinical Handbook for equipment and uniform requirements. These are both found in your Blackboard course.**

### **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. Attendance in this class is based on both students' presence, as well as students' participation in class.

### **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.

### **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 outside of class. Online/Hybrid students should expect to spend at least as much time in this course as in the face-to-face class.

Date	CH	Subject	LEC	LAB	Instructor	Class: Tues Wed Thurs 8-11
8/13/2024		Orientation	2 hr.40 min		TBA	LIT FIRST DAY
8/14/2024	Ch 13	BLS Resuscitation	2 hr	40 min	TBA	
8/15/2024		BLS Resuscitation	2 hr	40 min	TBA	
8/20/2024		BLS Resuscitation	2 hr	40 min	TBA	
8/21/2024		Skills		2 hr.40 min	TBA	
8/22/2024	Ch 1	EMS Systems	2 hr.40 min		TBA	
					TBA	
8/27/2024	Ch 2	Workforce Safety and Wellness	2 hr.40 min		TBA	
8/28/2024	Ch 3	Medical , legal, and Ethical issues	2 hr.40 min		TBA	
8/29/2024		Skills		2 hr.40 min	TBA	
9/3/2024	Ch 4	Communications & Documenation	2 hr.40 min		TBA	
9/4/2024		Communications & Documenation	2 hr.40 min		TBA	
9/5/2024		Skills		2 hr.40 min	TBA	
9/10/2024	Ch 5	Medical Terminology	2 hr.40 min		TBA	
9/11/2024	Ch 8	Lifting and Moving Patients	40 min	2 hr	TBA	
9/12/2024		Skills		2 hr.40 min	TBA	
9/17/2024	Ch 6	The Human Body	2 hr.40 min		TBA	
9/18/2024	Ch 6	The Human Body	2 hr.40 min		TBA	
9/19/2024	Ch 6	The Human Body	40 min	2 hr	TBA	
9/24/2024		Clinical Orentation	40 min	2 hr	TBA	
9/25/2024	Ch 7	Life Span	2 hr.40 min		TBA	
9/26/2024		Skills/Review		2 hr.40 min	TBA	
<b>10/8/2024</b>	<b><i>Module 1 Exam</i></b>		2 hr	40 min	TBA	
10/9/2024	Ch 9	Patient Assessment	2 hr.40 min		TBA	
<b>10/11/24 - 10/15/24 Holiday</b>						
10/16/2024		Patient Assessment	2 hr.40 min		TBA	
10/17/2024		Skills		2 hr.40 min	TBA	
10/22/2024	Ch 10	Airway Management		2 hr.40 min	TBA	
10/23/2024	Ch 11	Principles of Pharmacology	2 hr.40 min		TBA	

10/24/2024	Ch 11	Principles of Pharmacology	1 hr		TBA
	Ch 12	Shock	1 hr .40 min		
10/29/2024	Ch 12	Shock	2 hr		TBA
		Review	40 min		
<b>10/30/2024</b>	<b><i>Module 2 Exam</i></b>		2 hr	40 min	TBA
10/31/2024	Ch 24	Trauma Overview	40 min	2 hr	TBA
11/5/2024	Ch 25	Bleeding	2 hr.40 min		TBA
11/6/2024	Ch 26	Soft tissue Injuries	2 hr.40 min		TBA
11/7/2024	Ch 27	Face and neck injuries	2 hr	40 min	TBA
11/12/2024	Ch 28	Head and spine injuries	2 hr	40 min	TBA
11/13/2024	Ch 29	Chest injuries	2 hr	40 min	TBA
11/14/2024		Skills		2 hr.40 min	TBA
11/19/2024	Ch 30	Abdominal and Genitrouinary injuries	2 hr.40 min		TBA
11/20/2024	Ch 31	orthopaedic Injuries	2 hr	40 min	TBA
11/21/2024	Ch 32	Enviromental emergencies	2 hr	40 min	TBA
12/3/2024		Review/Skills	40 min	2 hr	TBA
<b>12/4/2024</b>	<b><i>Module 4 Exam</i></b>		2 hr	40 min	TBA
12/5/2024		Skills		2 hr.40 min	
12/10/2024		Skills		2 hr.40 min	<i>Grades due LIT</i>
12/11/2024		Skills		2 hr.40 min	TBA
12/12/2024		Skills		2 hr.40 min	TBA
12/17/2024		Skills		2 hr.40 min	TBA
12/18/2024		Skills		2 hr.40 min	TBA
12/19/2024		Skills		2 hr.40 min	TBA
1/7/2025	Ch 14	Medical overview	2 hr.40 min		TBA
1/8/2025	Ch 15	Respiratory Emergencies	2 hr.40 min		TBA
1/9/2025		Skills		2 hr.40 min	TBA
1/14/2025		Respiratory Emergencies	40 min		TBA
	Ch 16	Cardiovascular Emergencies	2 hr		
1/15/2025	Ch 16	Cardiovascular Emergencies	2 hr.40 min		TBA
1/16/2025		Skills		2 hr.40 min	TBA

1/21/2025	Ch 17	Neurological Emergencies	2 hr.40 min		TBA
1/22/2025		Neurological Emergencies	40 min	2 hr	TBA
1/23/2025	Ch 18	Gastrointestinal and Urologi Emergencies	2 hr	40 min	TBA
1/28/2025		Gastrointestinal and Urologi Emergencies	1 hr		TBA
	Ch 19	Endocrine and hematologic Emergencies	1 hr .40 min		
1/29/2025		Endocrine and hematologic Emergencies	1 hr	1 hr .40 min	TBA
1/30/2025		Skills		2 hr.40 min	TBA
2/4/2025	Ch 20	Immunnologic Emergencies	2 hr.40 min		TBA
2/5/2025		Immunnologic Emergencies	1 hr		TBA
	Ch 21	Toxicology	1 hr .40 min		
2/6/2025		Toxicology	1 hr	40 min	TBA
2/11/2025		Skills		2 hr.40 min	TBA
2/12/2025	Ch 22	Pyschiatric Emergencies	2 hr.40 min		TBA
2/13/2025		Pyschiatric Emergencies	1 hr		TBA
	Ch 23	Gynecologic Emergencies	1 hr .40 min		
<b>2/18/25 Holiday</b>					
2/19/2025	Ch 23	Gynecologic Emergencies	1 hr		TBA
		Review	1 hr .40 min		TBA
<b>2/20/2025</b>	<b>Module 3 Exam</b>		2 hr	40 min	TBA
2/25/2025	Ch 33	Obstetrics and Neonatal Care	2 hr.40 min		TBA
2/26/2025	Ch 33	Obstetrics and Neonatal Care	2 hr.40 min		TBA
2/27/2025		Skills		2 hr.40 min	TBA
3/4/2025	Ch 34	Pediatric Emergencies	2 hr.40 min		TBA

LIT FIRST DAY

3/5/2025	Ch 34	Pediatric Emergencies	2 hr.40 min		TBA
3/6/2025		Skills		2 hr.40 min	TBA
<b>3/11-3/13 Holiday</b>					
3/18/2025	Ch 35	Geriatric Emergencies	2 hr.40 min		TBA
3/19/2025	Ch 36	Patients with Special Challenges		2 hr.40 min	TBA
3/20/2025		Skills		2 hr.40 min	TBA
3/25/2025	Ch 37	Transport Operations		2 hr.40 min	TBA
3/26/2025	Ch 38	Vehicle Extrication and Special Rescue	2 hr.40 min		TBA
3/27/2025		Skills		2 hr.40 min	TBA
4/1/2025	Ch 39	Incident Management	2 hr	40 min	TBA
4/2/2025	Ch 40	Terrorism and Disaster management	2 hr	40 min	TBA
4/3/2025	Ch 41	A Team Approach to Health Care	1 hr	1 hr .40 min	TBA
<b>4/8/2025</b>	<b>Module 5 Exam</b>		2 hr	40 min	TBA
4/9/2025		<b>Jurisprudence Exam</b>	2 hr.40 min		TBA
4/10/2025	<b>Cognitive Exam 1</b>		2 hr.40 min		TBA
4/15/2025		Skills		2 hr.40 min	TBA
4/16/2025		Skills		2 hr.40 min	TBA
4/17/2025	<b>Cognitive Exam 2</b>		2 hr.40 min		TBA
4/22/2025		Skills		2 hr.40 min	TBA
4/23/2025		Skills		2 hr.40 min	TBA
4/24/2025	<b>Cognitive Exam 3</b>		2 hr.40 min		TBA
4/29/2025		Skills		2 hr.40 min	TBA
4/30/2025		Skills		2 hr.40 min	TBA
5/1/2025		Skills		2 hr.40 min	TBA
5/6/2025		Skills		2 hr.40 min	TBA
5/7/2025		Skills		2 hr.40 min	TBA
5/8/2025		Skills		2 hr.40 min	TBA

Grades due LIT

## **COURSE EVALUATION**

Final grades will be calculated according to the following criteria:

Affective Evaluation	20%
Chapter Quizzes	30%
Module Examination	50%

## **GRADE SCALE**

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

## **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. It is advised that you use Chrome or Firefox as your browser.

## **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 \(lit.edu\)](#). **Please contact RSS campus 504 office also.**

## **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.

### **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**

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. Phones will be placed at the front desk with your instructor on exam days in the computer lab, NO EXCEPTIONS!
3. Late assignments will not be accepted. All assignments have a posted due date, and all assignments are due by 11:59pm on posted due date.
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.

## **BLACKBOARD ANNOUNCEMENTS**

1. Announcements in Blackboard are posted to the Announcements web page that you see when you log into class. They are important, so be sure to read them.
2. Announcements are also emailed to your Blackboard email, which you can check at MyLIT.

## **MY RESPONSE TIME**

1. I only answer my phone when I am in my office.
2. I only return calls that leave a voicemail due to excessive robocalls.
3. **The best way to reach your instructor is through LIT Email or GroupMe**  
**CKSullivan@LIT.edu,**

## **Course Outline - Orientation**

### **Trauma**

- Trauma Overview
- Bleeding
- Soft Tissue Injuries
- Face and Neck Injuries
- Head and Spine Injuries
- Chest Injuries
- Abdominal and Genitourinary Injuries
- Orthopedic Injuries
- Environmental Injuries

### **Special Patient Populations**

- Obstetrics and Neonatal Care
- Pediatric Emergencies
- Geriatric Emergencies
- Patients with Special Challenges

### **EMS Operations**

- Transport Operations
- Vehicle Extrication and Special Rescue
- Incident Management
- Terrorism Response and Disaster Management

### **The Team Approach to Health Care**

- A Team Approach to Health Care