Emergency Medical Technician (EMSP 1501_6A1)

INSTRUCTOR CONTACT INFORMATION

Instructor: Casey Sullivan Flood
Email: CkSullivan@lit.edu
Office Phone: 409-273-2496
Office Location: N/A
Office Hours: Upon Request

CREDIT
Dual Credit Program

MODE OF INSTRUCTION
In Person

PREREQUISITE/CO-REQUISITE:
- EMSP 1260
- 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 illness and injury prevention principles in emergency care. ●
Apply fundamental knowledge of the medications that the EMT may assist/administer to a patient during an emergency.

- Apply knowledge (fundamental depth, fundamental breadth) of general anatomy and physiology to patient assessment and management to ensure 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 **978-1-284-20430-8 BISD Issue** to be returned in good condition at the end of the school year

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 at 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.

Course Calander

Dates for Module 1 are subject to Adjustment <u>with notice</u> due to BISD Chrome Book distribution issues

Date	Chapter		Due	
08/26/2024	13	Orientation, BLS CPR	08/29/2025	
08/27/2025	Ch1	EMS Systems	08/29/2025	
9/2/24	Ch 2	Workforce Safety and Wellness	09/05/2025	
9/3/24	Ch 3	Medical, legal, and Ethical issues	09/05/2025	
9/4/24	Ch 4	Communications & Documenation	09/05/2025	
9/9/24	Ch 5	Medical Terminology	09/12/2025	
9/10/24	Ch 5	Medical Terminology	09/12/2025	
9/11/24	Ch 6	Medical Term	09/12/2025	

9/16/25		The Human Body	09/19/2025	
9/17/25		The Human Body	09/19/2025	
9/18/25		The Human Body	09/19/2025	

9/23/25	Ch 7	Life Span	09/26/2025	
9/24/25	Ch 7	Life Span	09/26/2025	
9/25/25	Ch 7	Life Span	09/26/2025	
09/29/2025	Ch 8	Lifting and Moving Patients	10/03/2025	
10/01/25		Skills/Review		
10/02/25		Skills/Review		
10/3/2025		Module 1 Exam	10/3/2025	

10/7/25	Ch 9	Patient Assessment	10/10/2025	
10/8/25		Patient Assessment	10/10/2025	
10/09/25		Patient Assessment	10/10/2025	
10/14/25	Ch 10	Airway Management	10/17/2025	

10/15/25	Ch 10	Airway Management	10/17/2025
10/16/24	Ch 10	Airway Management/ Skills	10/17/2025
10/21/25	Ch 11	Principles of Pharmacology	10/24/2025
10/22/25	Ch 11	Principles of Pharmacology	10/24/2025
10/23/24	Ch 11	Principles of Pharmacology	10/24/2025
10/28/24	Ch 12	Shock	10/31/2025

10/29/25	Ch 12	Shock	10/31/2025
10/30/25	Ch 12	Shock	10/31/2025
11/4/25		Skils/ Review	
11/5/25		Skills/ Review	
11/6/25		Review	
11/7/25		Module 2 Exam	

11/11/25	Ch 14	Medical overview	11/14/2025
11/12/25	Ch 15	Respiratory Emergencies	11/14/2025

11/13/25	Ch 15	Respiratory Emergencies	11/14/2025
Thanksgiving Break			
12/2/25	Ch 16	Cardiovascular Emergencies	12/5/2025
12/3/2025		Cardiovascular Emergencies	12/5/2025
12/4/2025	Ch 17	Neurological Emergencies	12/5/2025
12/3/24	Ch 18	Gastrointestina l and Urologic Emergencies	12/06/2024
12/9/25	Ch 19	Endocrine and hematologi c Emergencies	12/12/2025
12/10/25	Ch 20	Immullnolo gic Emergencie s	12/12/25
12/11/25		Immullnolo gic Emergencie s	12/12/2025

12/16/2025	Ch 21	Toxicology	12/19/2025
12/17/2025	Ch 22	Pyschiatric Emergencies	12/19/2025
12/18/25	Ch 23	Gynecologic Emergencies	12/19/2025
		Review	
		Review	
12/19/2025		Module 3 Exam	

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. 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.

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. All assignments have a posted due date and all assignments are due by 11:59pm on posted due date.

4. Tests. Students who miss a test are NOT allowed to make up the test. Students who 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 will respond to all communication within 24 hours, except those received outside of office hours, during the weekend, and holidays.
2. I only return calls that leave a voicemail.
3. The best way to reach your instructor is through email at CKSullivan@LIT.edu. 4. Class communication is also facilitated through Groupme this is to be used for communication for clinicals and quick questions about class and assignments. Any communications not about the class should be left out of the Groupme thread.

Course Outline - Orientation

A. Preparatory
   a. EMS Systems
   b. Workforce Safety and Wellness
   c. Medical, Legal, and Ethical Issues
   d. Communication and Documentation
   e. Medical Terminology
   f. The Human Body
   g. Life Span Development
   h. Lifting and Moving Patients
B. Patient Assessment
   a. Patient Assessment
C. Airway
   a. Airway Management
D. Pharmacology
   a. Principles of Pharmacology
E. Shock and Resuscitation
   a. Shock
   b. BLS Resuscitation
F. Medical
   a. Medical Overview
   b. Respiratory Emergencies
   c. Cardiovascular Emergencies
   d. Neurologic Emergencies

e. Gastrointestinal Emergencies

f. Endocrine and Hematologic Emergencies

g. Immunologic Emergencies

h. Toxicology

i. Psychiatric Emergencies

j. Gynecologic Emergencies

G. Trauma

a. Trauma Overview

b. Bleeding

c. Soft-Tissue Injuries

d. Face and Neck Injuries

e. Head and Spine Injuries

f. Chest Injuries

g. Abdominal and Genitourinary Injuries

h. Orthopedic Injuries

i. Environmental Emergencies

H. Special Patient Populations

a. Obstetrics and Neonatal Care

b. Pediatric Emergencies

c. Geriatric Emergencies

d. Patients with Special Challenges

I. EMS Operations

a. Transport Operations

b. Vehicle Extrication and Special Rescue

c. Incident Management

d. Terrorism Response and Disaster Management

In addition Students are expected to adhere to all Standards and expectations of BISD and Taylor Career Center.