



LAMAR INSTITUTE OF TECHNOLOGY

Emergency Medical Technician (EMSP 1501)

INSTRUCTOR CONTACT INFORMATION

Instructor: Amy Bowman

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Office Phone: 281-641-6989

Office Location: Kingwood High School #2903

Conference: 3rd period

CREDIT

5 Semester Credit Hours (3 hours lecture, 5 hours lab)

MODE OF INSTRUCTION

Face to Face

PREREQUISITE/CO-REQUISITE

A&P, Medical Terminology, Practicum of Health Science Theory

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 lifespan 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.

- Apply knowledge of general anatomy and physiology to patient assessment and management in order 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, 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.
- Students will be scheduled for 72 contact hours on the ambulance:
During the field rotations with an EMS Service, the student will:
 1. Utilize appropriate universal precautions at all times
 2. Assist in the triage of patients.
 3. Perform a patient assessment, including:
 - a. vital signs, pulse oximetry, and glucose check
 - b. obtain chief complaint and history of present illness
 - c. perform a physical exam
 - d. obtain medical history
 4. Demonstrate proper airway management and oxygen therapy
 5. Assist with the following: hemorrhage control, splinting techniques and cardiac arrest patients (CPR and BVM)
 6. Document all patient contacts for the ambulance rotation
 7. Preceptor shall document a student evaluation form
 8. Student shall document an ambulance rotation evaluation form

REQUIRED TEXTBOOK AND MATERIALS

1. *Emergency Care & Transportation of Sick and Injured* by AAOS, 12th edition. Jones & Bartlett Publishers.
 - a. ISBN - 978-1-284-107029
2. An email was sent out regarding uniforms and equipment.

ATTENDANCE POLICY

1. The first bell rings at 7:15 am and the tardy bell rings at 7:25 am. You will be marked tardy if not in class at 7:25 am (Thursday: 9:25 am). If you are more than 15 mins late you will be marked absent. Morning class will be dismissed at 8:40 am (Thursday: 10:30

am). Afternoon class will have till 1:37 pm (Thursday: 1:42 pm) to arrive from their home campus following lunch/5th period. You will be marked tardy if you are not in class by that time. If you are more than 15 mins late past the allotted time you will be marked absent. K-Park, on flex days, you need to be here at the start of 6th period. Emergencies happen and will be considered on a case by case scenario.

1. 1st tardy: verbal warning (write up in file)
2. 2nd tardy: write up in file, email to parents, and referral to home campus
3. 3rd tardy: write up in file, email to parents, referral to home campus, and email to college campus

****This will RESTART every 9 weeks, but if it becomes a problem then further disciplinary action will result****

2. Clinical Rotations are mandatory. If you are not able to attend your scheduled clinical, I need a 24 hours notice. If there is an emergency, call 346-978-6993 so I can let the department know. Clinical orientation is Sept 9th during class and we will discuss further in detail.

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)
8/14/25	Orientation		
8/15/25	CH 14 BLS		
8/18/25	CH 14 BLS		Quiz/Knowledge Objective due: 8/29
8/19/25	Skills		
8/20/25	CH 1 EMS Systems		Quiz/Knowledge Objective due: 8/29

8/21/25	CH 2 Workforce Safety/Wellness		Quiz/Knowledge Objectives due: 8/29
8/22/25	CH 3 Medical, Legal, and Ethical		Quiz/Knowledge Objectives due: 8/29
8/25/25	CH 4 Communication and Documentation		
8/26/25	CH 4 Communication and Documentation		Quiz/Knowledge Objectives due: 8/29
8/27/25	Skills		
8/28/25	CH 5 Medical Terminology		
8/29/25	CH 5 Medical Terminology		Quiz/Knowledge Objectives due: 8/29
9/2/25	CH 8 Lifting and Moving Patients		Quiz/Knowledge Objectives due: 9/5
9/3/25	Skills		
9/4/25	CH 6 The Human Body		
9/5/25	CH 6 The Human Body		
9/8/25	CH 6 The Human Body		Quiz/Knowledge Objectives due: 9/12
9/9/25	Clinical Orientation		
9/10/25	Skills		
9/11/25	CH 7 Life Span		
9/12/25	CH 7 Life Span		
9/15/25	CH 7 Life Span		Quiz/Knowledge Objectives due: 9/19
9/16/25	Skills		
9/17/25	Skills		
9/18/25	Review		
9/19/25	Module 1 Exam		Affective Evaluation #1
9/22/25	Skills		
9/23/25	Skills		
9/24/25	CH 10 Patient Assessment		
9/25/25	CH 10 Patient Assessment		Quiz/Knowledge Objectives due: 9/26
9/26/25	Skills		
9/29/25	Skills		

9/30/25	CH 11 Airway Management		
10/1/25	CH 11 Airway Management		
10/2/25	CH 11 Airway Management		Quiz/Knowledge Objectives due: 10/3
10/3/25	Skills		
10/6/25	Skills		
10/7/25	CH 12 Principles of Pharmacology		
10/8/25	CH 12 Principles of Pharmacology		
10/9/25	CH 12 Principles of Pharmacology		Quiz/Knowledge Objectives due: 10/10
10/11/25	Skills Exam	Pick 1 of 4 dates	
10/18/25	Skills Exam	Pick 1 of 4 dates	
10/20/25	CH 13 Shock		
10/21/25	CH 13 Shock		Quiz/Knowledge Objectives due: 10/24
10/22/25	Review		
10/23/25	Review		
10/24/25	Module 2 Exam		Affective Evaluation #2
10/25/25	Skills Exam	Pick 1 of 4 dates	
10/27/25	CH 15 Medical Overview		Quiz/Knowledge Objectives due: 10/31
10/28/25	CH 16 Respiratory Emergencies		
10/29/25	CH 16 Respiratory Emergencies		Quiz/Knowledge Objectives due: 10/31
10/30/25	Skills		
10/31/25	Skills		
11/3/25	CH 17 Cardiovascular Emergencies		Quiz/Knowledge Objectives due: 11/7
11/4/25	CH 18 Neurological Emergencies		
11/5/25	CH 18 Neurological Emergencies		Quiz/Knowledge Objectives due: 11/7

11/6/25	CH 19 GI and Urological Emergencies		
11/7/25	CH 19 GI and Urological Emergencies		Quiz/Knowledge Objectives due: 11/7
11/10/25	CH 20 Endocrine and Hematologic Emergencies		
11/11/25	CH 20 Endocrine and Hematologic Emergencies		Quiz/Knowledge Objectives due: 11/14
11/12/25	CH 21 Allergy and Anaphylaxis		
11/13/25	CH 21 Allergy and Anaphylaxis		Quiz/Knowledge Objectives due: 11/14
11/14/25	CH 22 Toxicology		Quiz/Knowledge Objectives due: 11/14
11/15/25	Skills Exam	Pick 1 of 4 dates	
11/17/25	CH 23 Behavioral Health Emergencies		
11/18/25	CH 23 Behavioral Health Emergencies		Quiz/Knowledge Objectives due: 11/21
11/19/25	CH 24 Gynecologic Emergencies		
11/20/25	CH 24 Gynecologic Emergencies		Quiz/Knowledge Objectives due: 11/21
11/21/25	Module 3 Exam		Affective Evaluation #3
12/1/25	Skills		
12/2/25	Skills		
12/3/25	Skills		
12/4/25	Skills		
12/5/25	Skills		
12/8/25	Skills		
12/9/25	Skills		
12/10/25	Skills		
12/11/25	Skills		
12/12/25	Skills		
12/15/25	Skills		

12/16/25	Skills		
12/17/25	Skills		
12/18/25	Skills		
12/19/25	Skills		

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

1. Affective Evaluation 20%
2. Chapter Quiz, Knowledge Objectives 30%
3. Module Exams, Uniform Inspections, Presentations 50%

****Students do not have access to Blackboard until August 26th. They will have the knowledge objectives to work on so they will be ready to upload into Blackboard when it opens. They will have an incomplete "I" on their first 3 weeks progress report.****

GRADING SCALE

90-100	A
80-89	B
70-79	C
60-69	D
0-59	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. 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.

AI 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, cell phones, headphones, and other electronic devices must be turned off/on silent while in class, can't be used in the hallway, and can NOT be used at ALL! This is state law. While on KHS campus you will follow KHS rules/disciplinary actions when it comes to personal communication devices. **travel students: the AP for KHS will still be called, will come to class, and will take your phone. You will go after class to the AP to retrieve your phone and the AP will take your information and let your campus know for further disciplinary action. This starts DAY 1!!
2. Late assignments will be accepted on a case by case basis. 95% of your work is done out of class. Your work for the whole semester is open and you have till 11:30 pm the night it is due to turn it in. Do NOT wait till the last minute!!!
3. Students that miss a test are not allowed to make up the test, unless pre approved by the instructor. If you have that approval you will need to schedule a time BEFORE/AFTER school to come to KHS to make up the test. You will have 5 days from the scheduled test date to make it up. Students that miss a test will receive a grade of "0."
4. Module Exams are proctored and are to be completed on school chromebooks with Go Guardian.
5. Skills exams must be passed before doing EMS clinical ride outs. You have 4 dates to choose from. You only need to sign up for one day. If you are unable to make those dates due to school related activities your COACH/SPONSOR needs to email me. Work is NOT an excuse for not doing your skills exam. If the skills exam is not completed within the first semester you will be removed and failed from the class.
6. Remind and Band is used for outside communication. 1/2 period Remind: @k3kh3c and 6/7 period Remind: @fe77h7. Band link is: <https://band.us/n/a1a7b9HaL0dc1> or by scanning the QR code attached to the back of the syllabus.