

Emergency Procedures EMSP 2137 (Lab)

CREDIT

2 Semester Credit Hours (0 hours lecture, 4 hours lab)

MODE OF INSTRUCTION

Face to Face, Online or Hybrid

PREREQUISITE/CO-REQUISITE:

- EMSP 2243
- EMSP 2261
- EMSP 2365

PREREQUISITES

EMT-Basic or Advanced

CO-REQUISITES

BIOL 2404 – Anatomy and Physiology
EMSP 1338 – Intro to Advanced Practice
EMSP 1356 – Patient Assessment, Airway
EMSP 2237 – Emergency Procedures II
EMSP 2206 – Emergency Pharmacology

COURSE DESCRIPTION

Application of emergency medical procedures.

COURSE OBJECTIVES

Course Objectives¹

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

- Integrate theory and skills mastered in other courses; and demonstrate comprehensive problem-solving techniques.
- Safely and effectively perform all psychomotor skills within the National EMS Scope of Practice Model and state scope of practice at the Paramedic level.
- Manage a cardiovascular patient according to the American Heart Association (AHA) guidelines.
- Manage a pediatric and a neonatal patient according to the American Heart Association (AHA) guidelines.
- Demonstrate a working knowledge of clinical information and related topics relevant to pediatric emergencies.
- Demonstrate the ability to completely and proficiently perform all applicable skills;
- Demonstrate attitudes and behavior consistent with the ethics and professionalism expected in pediatric specialties.

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



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STUDENT MINIMUM COMPETENCIES (SMC)

Upon completion of this course, the student must complete the following Student Minimum Competencies (SMC). The following is available through your Sterling Credentials account.

- A. The student must proficiently demonstrate the ability to safely and successfully complete the following minimum skill sets as follows: (Table 5 EMT Skills Competency in SMC)

EMT SKILLS COMPETENCY	Minimum required
Insert NPA	1
Insert OPA	1
Perform oral suctioning	1
Perform FBAO – adult	1
Perform FBAO – infant	1
Administer oxygen by nasal cannula	1
Administer oxygen by face mask	1
Ventilate an adult patient with a BVM	1
Ventilate a pediatric patient with a BVM	1
Ventilate a neonate patient with a BVM	1
Apply a tourniquet	1
Apply a cervical collar	1
Perform spine motion restriction	1
Lift and transfer a patient to the stretcher	1
Splint a suspected long bone injury	1
Splint a suspected joint injury	1
Stabilize an impaled object	1
Dress and bandage a soft tissue injury	1
Apply an occlusive dressing to an open wound to the thorax	1
Perform an uncomplicated OB delivery	1
Assess vital signs	1
Perform a Comprehensive Physical Assessment	1
Perform CPR – adult	1
Perform CPR – pediatric	1
Perform CPR – neonate	1

INSTRUCTOR CONTACT INFORMATION

Instructor:	Cassie Walters
Email:	Cewalters@lit.edu
Office Phone:	409-245-8752
Office Location:	MPC 244
Office Hours:	By Appointment

REQUIRED TEXTBOOK AND MATERIALS

EMS Program Student Handbook

Nancy Caroline's Emergency Care in the Streets 9th, ISBN: 9781284274004 Platinum Planner

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 by the specified date as listed in the College Calendar on the [Student Success](#) web page. 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 CALENDAR

Class will meet on the following Thursdays from 1:30 pm till 5pm for Lab

DATE	TOPIC	GRADING STYLE	ASSIGNMENTS (Due on this Date)
WEEK 1 01/22/2026	BASIC SKILLS	P2P	01/25/2026
WEEK 2 01/29/2026	BASIC SKILLS	P2P	02/01/2026
WEEK 3 02/05/2026	ACLS	ADJUNCT PROCTORED	02/08/2026
WEEK 4 02/12/2026	PALS	ADJUNCT PROCTORED	02/15/2026
WEEK 5 02/19/2026	AIRWAY SKILLS	P2P	02/22/2026
WEEK 6 02/26/2026	AIRWAY SKILLS	ADJUNCT PROCTORED	03/01/2026
WEEK 7 03/05/2026	AIRWAY SKILLS	ADJUNCT PROCTORED	03/08/2026
WEEK 8 03/19/2026	IV IO SKILLS	P2P	03/22/2026
WEEK 9 03/26/2026	IV IO SKILLS	ADJUNCT PROCTORED	03/22/2026
WEEK 10 04/02/2026	MEDICATION SKILLS	P2P	03/29/2026
WEEK 11 04/09/2026	MEDICATION SKILLS	ADJUNCT PROCTORED	04/05/2026
WEEK 12 04/09/2026	DECOMPRESSION SKILLS	ADJUNCT PROCTORED	04/12/2026
WEEK 13	CRICOTHYROTOM	ADJUNCT PROCTORED	04/19/2026

04/16/2026	Y SKILLS		
WEEK 14 04/23/2026	PATIENT ASSESSMENT SKILLS	P2P	04/26/2026
WEEK 15 04/30/2026	PATIENT ASSESSMENT SKILLS	ADJUNCT PROCTORED	05/03/2026
WEEK 16 05/07/2026	Finals Week		05/10/2026

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

Paramedic Psychomotor Skills Examinations 50%

Basic Psychomotor Skills Examinations 30%

PALS Examination & ACLS Examination 20%

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

For the latest technical requirements, including hardware, compatible browsers, operating systems, etc., review the Minimum Computer and Equipment Requirements on the [LIT Online Experience](#) page. 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.

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

Course Policies

See specific course policies in the EMS Program Student Handbook.

1. Lab Skill Sheets
 - a. **Each specific lab skill sheet will be assigned a minimal points required to pass the specific skill.**
 - b. **Each specific lab skill sheet will be assigned “Critical Criteria” which must be met in order to pass the skill.**
2. **All lab skills are required to be passed the number of times assigned to each specific lab skill.**
 - Individual Student Competency Evaluation in Laboratory skills are assigned a minimal number of times that the lab skill must be performed successfully while being evaluated by peers (P2P), and while being evaluated by lab instructors.
 - Individual Student Competency Evaluation in a laboratory Scenario.
 - o **Lab skills are assigned a minimal number of times that the skill will be performed successfully in a scenario designed for that skill.**

Course Outline

- A. Welcome to LIT EMS Program
 1. Introduction of EMS Staff, Instructors and students
 2. EMS program policies
- B. Advanced Level Psychomotor Skills Examinations
 1. The ALS Psychomotor section of the examination process consists of Ten (10) separate skills to approximate the abilities of the Paramedic (NRP) to function in the out-of-hospital setting. All skills have been developed in accordance with the 2009 National EMS Education Standards, and current AHA guidelines.

2. ALS Skills will include:
 - a. Intubation Adult
 - b. Intubation Pediatric
 - c. Intubation Adult Trauma
 - d. IV Access
 - e. IO Access
 - f. Intranasal Medication
 - g. Patient Assessment Trauma
 - h. Patient assessment Medical
 - i. Plural Decompression
 - j. Needle Cricothyrotomy

C. Basic Level Psychomotor Skills Examinations

1. The Basic Psychomotor section of the examination process consists of nine (9) separate skills to approximate the abilities of the Paramedic (NRP) to function in the out-of-hospital setting. All skills have been developed in accordance with the 2009 National EMS Education Standards, and current AHA guidelines.
2. BLS Skills will include:
 - a. CPR Adult
 - b. CPR Pediatric
 - c. Supraglottic Airway
 - d. Tourniquet Application
 - e. Joint Splinting
 - f. Long Bone Splinting
 - g. Traction Splint
 - h. Spinal Immobilization
 - i. CPAP and PEEP

D. Team Lead ACLS and PALS Examinations

1. The Paramedic Candidate will demonstrate the ability to act as Team Lead for Mega Code Examinations in ACLS Testing as pursuant to AHA Guidelines.
2. The Paramedic Candidate will demonstrate the ability to act as Team Lead for Mega Code Examinations in PALS Testing as pursuant to AHA Guidelines.