Introduction to Advanced Practice EMSP 1356 (Lab)

CREDIT
3 Semester Credit Hours (2 hours lecture, 0 lab)

MODE OF INSTRUCTION
Face to Face, Online or Hybrid

PREREQUISITE/CO-REQUISITE:
- EMSP 1338
- EMSP 1355
- EMSP 2206
- EMSP 2137

COURSE DESCRIPTION
- Knowledge and skills required to perform patient assessment, airway management, and artificial ventilation.

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

- Demonstrate how to evaluate and document a patient's orientation and status.
- Demonstrate how to assess a patient's airway and breathing, and correctly obtain information on respiratory rate, rhythm, quality/character, and depth.
- Demonstrate how to assess a patient's circulation by evaluating pulses and assessing the skin.
- Demonstrate how to perform a rapid full-body scan.
- Demonstrate how to perform percussion as an assessment technique.
- Demonstrate how to compare the patient's serial vital signs with baseline measurements to identify trend in the patient's status.
- Demonstrate how to auscultate heart sounds.
- Demonstrate how to use pulse oximetry.
- Demonstrate how to position the unresponsive patient.
- Demonstrate how to perform the head tilt-chin lift maneuver.
- Demonstrate how to perform the jaw-thrust maneuver.
- Demonstrate how to perform the tongue-jaw lift maneuver.
- Demonstrate how to operate a suction unit.
- Demonstrate how to suction a patient's airway.
- Demonstrate how to insert an oropharyngeal airway.
- Demonstrate how to insert a nasopharyngeal airway.
- Demonstrate how to use Magill forceps to remove an object from a patient's airway.
- Demonstrate how to assist a patient with ventilations using the bag-mask device.
- Demonstrate how to use an automatic transport ventilator to assist in delivering artificial ventilation to the patient.
- Demonstrate how to use CPAP.
- Demonstrate how to insert an orogastric tube.
- Demonstrate the entire procedure for orotracheal intubation using direct laryngoscopy.

Approved: Initials/date

- Demonstrate the entire procedure for orotracheal intubation using video laryngoscopy.
- Demonstrate how to perform blind nasotracheal intubation.
- Demonstrate how to perform digital intubation.
- Demonstrate how to perform retro-grade intubation.
- Demonstrate how to perform face-to-face intubation.
- Demonstrate how to perform rapid sequence intubation.
- Demonstrate insertion of the King LT airway.
- Demonstrate insertion of the laryngeal mask airway.
- Demonstrate insertion of the Combitube.
- Demonstrate how to perform open cricothyrotomy.

Demonstrate how to perform needle cricothyrotomy and trans laryngeal catheter ventilation.

INSTRUCTOR CONTACT INFORMATION

Instructor:	Dustin Sites
Email:	dsites@lit.edu
Office Phone:	409-247-4833
Office Location:	MPC 254
Office Hours:	Upon Request

REQUIRED TEXTBOOK AND MATERIALS

EMS Program Student Handbook
Nancy Caroline's Emergency Care in the Streets 9th
      a. ISBN: 9781284274004

Platinum Planner
EMS Testing

ATTENDANCE POLICY

Attendance is mandatory. If a student is tardy (2) times it constitutes (1) absence. Greater than (3) absences throughout the semester may result in a deduction in (3) points or greater to your final grade and will be determined at the time of occurrence(s). Any anticipated absences must be reported to the instructor as soon as possible via email. An excused absence should be arranged prior to absence, when possible. When it is not possible to give prior notification, an unexcused absence will be recorded. To change classification of an unexcused absence to excused it will be on a case-by-case basis. Documentation for any excused absence will be required. Additionally, students with perfect attendance will have (10) additional points added to lowest Mid Term or Final test grade. Students with (1) absence will be eligible for (9) points added to their lowest Mid Term or Final test grade.

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.

COURSE CALENDAR

DATE	TOPIC	READINGS (Due on this Date)	ASSIGNMENTS (Due on this Date)
1/20	CPR		
1/22	Patient Assessment		
1/27	Patient Assessment		
1/29	Patient Assessment		
2/3	Patient Assessment		
2/5	Patient Assessment		
2/10	Patient Assessment		
2/12	Patient Assessment		
2/17	Patient Assessment		
2/19	Patient Assessment	Quiz 1	
2/24	Critical Thinking and		
2/26	Critical Thinking and		
3/3	Critical Thinking and		
3/5	Critical Thinking and	Quiz 2	
3/10	SPRING BREAK	SPRING BREAK	
3/12	SPRING BREAK	SPRING BREAK	
3/17	MID TERM	MID TERM / A&A 1.	
3/19	Airway Management		
3/24	Airway Management		
3/26	Airway Management		
3/31	Airway Management		
4/2	Airway Management		
4/7	Airway Management		
4/9	Airway Management		
4/14	Airway Management		
4/16	Airway Management		
4/21	Airway Management		
4/23	Airway Management	Quiz 3	
4/28	PHTLS		
4/30	PHTLS		
5/5	FINAL REVIEW		
5/7	SKILLS		
5/12	FINAL	FINAL / A&A 2.	

COURSE EVALUATION
Final grades will be calculated according to the following criteria:

Quiz	40%
Mid Term	20%
Final	20%
Affective Evaluation	20%

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

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.

STARFISH
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.

ADDITIONAL COURSE POLICIES/INFORMATION

1. No food, drinks, or use of tobacco products in class. Do not order from a food delivery service and have food and drink delivered to class outside of lunchtime hours.
2. Computers, telephones, headphones, and any other electronic devices may not be utilized while in class or used only with permission of the instructor. If a call is received and needs to be taken, please step out of the classroom and return promptly.
3. Do not bring children to class.
4. No late assignments will be accepted. If an assignment is late, please contact the instructor immediately.
5. Students that miss a test are not allowed to make up for the test. Students that miss a test will receive a grade of '0'. Mid Term and Final exams are proctored and will begin promptly at the time assigned. Unless prior arranged students will not be allowed to enter late and begin a Mid Term or Final and a grade of '0' will be received.
6. 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.
7. Additional class policies as defined by EMS Program Student Handbook.
8. Uniforms including authorized pants with black belt, black boots and a red polo tucked in and void of logos will be always worn while in class and attending a clinical. Refusal to comply with this policy may result in a reduction of grade points and or removal from class or clinical.

Lab Skills Required

Skill	P2P	Instructor	Scenario
Comprehensive Normal Adult Physical Assessment Techniques	2	2	0
Obtain a Patient History	2	2	0
CPAP and PEEP	2	1	2
Direct Orotracheal Intubation Adult	2	10	2
Nasotracheal Intubation Adult	2	2	0
Needle Cricothyrotomy	2	2	4
Supraglottic Airway Device	2	2	6