Introduction to Advanced Practice EMSP 2206 (Lab)

Credit
- 3 Credit Hours; 2 Lab Hours

Prerequisite
- EMT-Basic certification

Co-requisite
- EMSP 1338
- EMSP 1355
- EMSP 1356
- EMSP 2260

Course Description
Fundamental elements associated with emergency medical services to include preparatory practices, pathophysiology, medication administration, and related topics.

Required Textbook and Materials
1. *Emergency Care in the Streets* by Nancy Caroline, 8th edition. Jones & Bartlett Learning.

    a. ISBN number is 13**:**9781284137187.

2. EMS Program Student Handbook

3. FISDAP

Course Objectives[1]
Upon completion of this course, the student will be able to:
- Demonstrate universal precautions and body substance isolation (BSI) procedures during patient contact.
- Demonstrate how to spike an IV bag.
- Demonstrate how to obtain vascular access.
- Demonstrate how to obtain blood sample.
- Demonstrate how to gain IO access.
- Demonstrate how to administer oral medications to a patient.
- Demonstrate how to administer medications via a gastric tube.
- Demonstrate how to draw medications from an ampule.
- Demonstrate how to draw medications from a vial.
- Demonstrate how to administer an intramuscular medication to a patient.
- Demonstrate how to administer a medication via the IV bolus route.

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

- Demonstrate how to administer a medication via IV piggyback.
- Demonstrate how to perform IO infusion.
- Demonstrate how to administer a sublingual medication to a patient.
- Demonstrate how to administer an intranasal medication to a patient.

Course Outline
A. Spiking the bag
B. Obtaining vascular access
C. Gaining intraosseous access
D. Administering Medication via nasogastric tube
E. Drawing medications from an ampule
F. Drawing medication from a vial
G. Administering medications via the subcutaneous route
H. Administering medications via the intramuscular route
I. Administering medications via the intravenous bolus route
J. Administering medications via intravenous piggyback infusion
K. Administering medications via the intraosseous route
L. Administering medications via the sublingual route
M. Administering medications via the intranasal route
N. Assisting a patient with a metered dose inhaler
O. Administering medications via a small volume nebulizer
P. Accessing a tunneling device

Grade Scale
90-100	A
84-89	B
75-89	C
70-74	D
0-69	F

Course Evaluation
Final grades will be calculated according to the following criteria:

1. Skills Performance Sheet 80%
2. Affective Evaluation 20%

Course Policies
1. No food, drinks, or use of tobacco products in class.
2. Computers, telephones, headphones, and any other electronic devices must be turned off while in class or used only with permission of the instructor.
3. Do not bring children to class.
4. No late assignments will be accepted.
5. Attendance Policy. Three absences are allowed. If a student is tardy to class or departs early three (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.

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. 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.
    c. Each specific lab skill sheet must have a letter score of "C" or better and all critical criteria must be met in order for that lab skill to be accepted.
9. All lab skills are required to be passed the number of times assigned to each specific lab skill.

Lab Skills Required

Skill	Peer to Peer Required	Instructor Required
Intravenous Therapy	5	3
Intravenous Bolus Medication Administration	3	2
Intravenous Piggyback Infusion	3	2
Intraosseous Infusion	3	2
Intramuscular and Subcutaneous Medication Administration	3	2
Intranasal Medication Administration	3	2

Technical Requirements (for courses using Blackboard)
The latest technical requirements, including hardware, compatible browsers, operating systems, software, Java, etc. can be found online at:
https://help.blackboard.com/en-us/Learn/9.1_2014_04/Student/015_Browser_Support/015_Browser_Support_Policy A functional broadband internet connection, such as DSL, cable, or WiFi is necessary to maximize the use of the 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

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disability requiring an accommodation, please contact the Special Populations Coordinator at (409)839-2018. You may also visit the online resource at [Special Populations - Lamar Institute of Technology (lit.edu)](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 or obtained in print upon request at the Student Services Office. Please note that the online version of the *LIT Catalog and Student Handbook* supersedes all other versions of the same document

ADDENDUM
Summer 2022

Attendance Policy. If a student is tardy to class or departs early two (2) times, it will be equal to one (1) absence. Each absence will result in a 5-point deduction from your final exam grade