

**EMC 124 Course Outline as of Fall 2021****CATALOG INFORMATION**

Dept and Nbr: EMC 124 Title: ADVANCED LIFE SUP UPDATE

Full Title: Paramedic: Advanced Life Support Update

Last Reviewed: 1/25/2021

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	0.25	Lecture Scheduled	2.75	1	Lecture Scheduled	2.75
Minimum	0.25	Lab Scheduled	5.25	1	Lab Scheduled	5.25
		Contact DHR	0		Contact DHR	0
		Contact Total	8.00		Contact Total	8.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 5.50

Total Student Learning Hours: 13.50

Title 5 Category: AA Degree Applicable

Grading: P/NP Only

Repeatability: 21 - Legally Mandated Repetition

Also Listed As:

Formerly: EMC 299.12

**Catalog Description:**

A comprehensive class consisting of lecture, case-based scenario practice and skill stations that will enhance and expand the knowledge and skills of licensed paramedics in the area of infrequently practiced, practiced or expanded scope skills. This course is for licensed paramedics requiring accreditation for the Coastal Valley EMS region.

**Prerequisites/Corequisites:****Recommended Preparation:****Limits on Enrollment:**

Licensed paramedics

**Schedule of Classes Information:**

Description: A comprehensive class consisting of lecture, case-based scenario practice and skill stations that will enhance and expand the knowledge and skills of licensed paramedics in the area of infrequently practiced, practiced or expanded scope skills. This course is for licensed paramedics requiring accreditation for the Coastal Valley EMS region. (P/NP Only)

Prerequisites/Corequisites:

Recommended:  
Limits on Enrollment: Licensed paramedics  
Transfer Credit:  
Repeatability: Legally Mandated Repetition

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>CSU Transfer:</b>		Effective:	Inactive:
<b>UC Transfer:</b>		Effective:	Inactive:

**CID:**

**Certificate/Major Applicable:**  
Not Certificate/Major Applicable

## **COURSE CONTENT**

### **Student Learning Outcomes:**

At the conclusion of this course, the student should be able to:

1. Identify current trends and advances in pre-hospital medicine.
2. Apply knowledge and demonstrate skills required to meet paramedic accreditation requirements in Coastal Valley Emergency Medical Services (EMS) region.

### **Objectives:**

At the conclusion of this course, the student should be able to:

1. Identify and list current trends in pre-hospital management of medical and trauma emergencies.
2. Identify and demonstrate skills required for treatment of a critically ill or injured adult or child in the pre-hospital environment.
3. Identify and demonstrate new or revised protocols used to treat a medical or trauma patient in the Coastal Valley EMS region.
4. Identify, list, and demonstrate the administration of current and new medications used to treat a medical or trauma patient in the Coastal Valley EMS region.

### **Topics and Scope:**

- I. Medical and Trauma Emergencies
  - A. Advances in practice
  - B. Trauma Center
  - C. Protocol update
  - D. Skills (Lab)
    1. Thoracostomy
    2. Intraosseous access
- II. Airway Management (Lab)
  - A. Adult

- B. Pediatrics
- C. Skills
  - 1. Intubation
  - 2. Cricothyrotomy
- III. Pharmacology
  - A. New medications
  - B. Protocol update

### Assignment:

Lab related assignments

- 1. Participate in interactive scenarios and skills stations
- 2. Multiple choice exam

Lecture related assignment

- 1. Reading assignments before attending class (5 - 6 hours)

### Methods of Evaluation/Basis of Grade:

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because skill demonstrations are more appropriate for this course.

Writing  
0 - 0%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Scenarios

Problem solving  
10 - 20%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Scenario, skills stations

Skill Demonstrations  
70 - 80%

**Exams:** All forms of formal testing, other than skill performance exams.

Multiple choice

Exams  
10 - 20%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

None

Other Category  
0 - 0%

### Representative Textbooks and Materials:

Instructor prepared materials

