

**EMC 260 Course Outline as of Spring 2003****CATALOG INFORMATION**

Dept and Nbr: EMC 260 Title: INTRO TO PARAMEDIC

Full Title: Introduction to Paramedic

Last Reviewed: 2/25/2019

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	0.25	Lecture Scheduled	4.00	1	Lecture Scheduled	4.00
Minimum	0.25	Lab Scheduled	4.00	1	Lab Scheduled	4.00
		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: 8.00

Total Student Learning Hours: 16.00

Title 5 Category: AA Degree Applicable

Grading: Grade Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

**Catalog Description:**

Course is designed to prepare the student with the basic knowledge and skills necessary to succeed in the Paramedic Academy. Instructor signature required please call 836-2907 for information.

**Prerequisites/Corequisites:**

None

**Recommended Preparation:**

Course Completion of ENGL 100 and Course Completion of ANAT 58 and Course Completion of CSKLS 372 ( or CSKL 372)

**Limits on Enrollment:**

State regulation requires EMT-1 certification. This course builds on EMT-1 knowledge and skills.

**Schedule of Classes Information:**

Description: Prerequisite course to prepare student to meet California mandated EMT knowledge and skills necessary for paramedic education. Instructor signature required please call 836-2907 for information. (Grade Only)

Prerequisites/Corequisites: None

Recommended: Course Completion of ENGL 100 and Course Completion of ANAT 58 and Course Completion of CSKLS 372 ( or CSKL 372)

Limits on Enrollment: State regulation requires EMT-1 certification. This course builds on EMT-1 knowledge and skills.

Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

### **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:**

Certificate Applicable Course

### **COURSE CONTENT**

#### **Outcomes and Objectives:**

At the end of this course the student will be able to:

1. Define the roles and responsibilities of the paramedic in the pre-hospital care setting.
2. Anticipate the future of paramedicine, managed care, and private vs. public providers.
3. Demonstrate effective EMS communications and documentation.
4. Demonstrate basic EMT skills.
5. Identify and list anatomy and physiology objectives required for paramedic education.
6. Explain paramedic scope of practice.
7. Identify and list pharmacology requirements.
8. Discuss basic cardiology principles.
9. Identify and list EMT cognitive principles.

#### **Topics and Scope:**

1. Basic Skills
  - a. Airway management
  - b. Patient assessment
  - c. Splinting
  - d. C-spine immobilization
2. The Pre-hospital environment
  - a. Scene management
  - b. Communications
  - c. Roles/responsibilities of the paramedic

- d. Stress management
- 3. Preparatory
  - a. Principles of EKG analysis
  - b. Principles of Pharmacology
  - c. Principles of Emergency
- 4. Trauma
  - a. Rapid trauma assessment
  - b. Soft tissue injuries
  - c. Burns
- 5. Medical
  - a. Medical assessment
  - b. Assessment, management of medical emergencies
- 6. OB/GYN and neonatal
  - a. Management of normal Labor/Deliveries
  - b. Recognition of obstetric emergencies
  - c. Resuscitation of neonates
- 7. Behavioral
  - a. Management of psychiatric illnesses
  - b. Patient restraint
  - c. Safety measures

### Assignment:

Given patient scenario, students will discuss pathophysiology, assessment and treatment plan.

Demonstrate basic skills in airway management, patient assessment and splinting and c-spine immobilization.

Multiple-choice exam demonstrating basic life support knowledge.

### 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 problem solving assessments and 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.

Scenario discussions

Problem solving  
15 - 30%

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

EMTpsychomotor skills as defined by CA regs.

Skill Demonstrations  
25 - 50%

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

Multiple choice

Exams  
25 - 50%

**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.