EMC 109 Course Outline as of Fall 2009

CATALOG INFORMATION

Dept and Nbr: EMC 109 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:	EMC 260

Catalog Description:
Course is designed to prepare the student with the basic knowledge and skills necessary to succeed in the Paramedic Academy.

Prerequisites/Corequisites:

Recommended Preparation:
Course Completion of ANAT 58 and Course Completion of CSKLS 372 (or CSKL 372) and Course Eligibility for ENGL 100 OR Course Eligibility for EMLS 100 (or ESL 100)

Limits on Enrollment:
State regulation requires EMT-1 certification and CPR for Health Care Providers for entrance into Paramedic Program.

Schedule of Classes Information:
Description: Prerequisite course to prepare student to meet California mandated EMT knowledge and skills necessary for paramedic education. (Grade Only)
Prerequisites/Corequisites:
Recommended: Course Completion of ANAT 58 and Course Completion of CSKLS 372 (or CSKL 372) and Course Eligibility for ENGL 100 OR Course Eligibility for EMLS 100 (or ESL

100)
Limits on Enrollment: State regulation requires EMT-1 certification and CPR for Health Care Providers for entrance into Paramedic Program.
Transfer Credit:
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**	Effective:	Inactive:
CSU GE:	**Transfer Area**	Effective:	Inactive:
IGETC:	**Transfer Area**	Effective:	Inactive:

CSU Transfer:	Effective:	Inactive:
UC Transfer:	Effective:	Inactive:

CID:

Certificate/Major Applicable:
Certificate Applicable Course

COURSE CONTENT

Outcomes and Objectives:
Upon completion 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. Outline California licensing requirements for paramedics.
3. Demonstrate basic Emergency Medical Technician skills.
4. Identify the three major learning domains of paramedic education.
5. Define paramedic scope of practice.
6. Identify and list pharmacology requirements.
7. Identify cardiac arrhythmias and advanced treatment plans.
8. Apply basic math skills required for pharmacology.

Topics and Scope:

1. Basic EMT principles and Skills
    a. Airway management
    b. Patient assessment
    c. Splinting
    d. Cervical-spine immobilization
2. The pre-hospital roles and responsibilities of paramedic
    a. Scene management
    b. Communications and documentation
    c. Leadership
    d. Stress management
3. California Title 22 - Paramedic Practice
    a. Scope of practice
    b. Approved pharmacological agents

c. License requirements
4. Review Basic Cardiology
   a. Common dysrhythmias
   b. Treatment protocols
5. Learning domains of paramedic education
   a. Cognitive
   b. Psychomotor
   c. Affective
6. Pharmacology math
   a. Drug dosage
   b. IV drip calculation

Assignment:

1. Identify 5 cardiac dysrhythmias
2. Demonstrate basic skills in airway management, patient assessment, splinting and cervical-spine immobilization.
3. Multiple-choice exam demonstrating EMT-Basic knowledge.
4. Discuss EMT assessment and treatment plan for 3 patient scenarios.

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 10 - 20%

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

psychomotor skills as defined by CA regulations	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.

Read and interpret cardiac rhythm strips	Other Category 5 - 10%

Representative Textbooks and Materials:
Instructor prepared materials.