

EMC 110C Course Outline as of Spring 2006**CATALOG INFORMATION**

Dept and Nbr: EMC 110C Title: EMT-PARAMED FIELD INTERN

Full Title: Emergency Medical Technician - Paramedic Field Internship

Last Reviewed: 4/11/2005

Units	Course Hours per Week		Nbr of Weeks		Course Hours Total	
Maximum	10.00	Lecture Scheduled	0	12	Lecture Scheduled	0
Minimum	10.00	Lab Scheduled	0	12	Lab Scheduled	0
		Contact DHR	42.00		Contact DHR	504.00
		Contact Total	42.00		Contact Total	504.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 0.00

Total Student Learning Hours: 504.00

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 270C

Catalog Description:

Application of skills in the field setting while working on an approved advanced life support ambulance. Demonstrate knowledge and skills related to anatomy, physiology, pathophysiology, clinical symptoms and diagnosis as they pertain to pre-hospital emergency medical care of the sick and injured. This is the third course designed to give students the field experience required for certification as an EMT-Paramedic in California.

Prerequisites/Corequisites:

Course Completion of EMC 110B (or EMC 270B)

Recommended Preparation:**Limits on Enrollment:****Schedule of Classes Information:**

Description: Application of skills in the field setting while working on an approved advanced life support ambulance. Demonstrate knowledge and skills related to anatomy, physiology, pathophysiology, clinical symptoms and diagnosis as they pertain to pre-hospital emergency medical care of the sick and injured. (Grade Only)

Prerequisites/Corequisites: Course Completion of EMC 110B (or EMC 270B)

Recommended:

Limits on Enrollment:

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:

Not Certificate/Major Applicable

COURSE CONTENT

Outcomes and Objectives:

Course objectives are written to conform with those standards outlined in chapter 1260 of the 1992 Statutes of the Health & Safety Code and Title 22 Division 9, Pre-hospital Emergency Medical Services of the California Administrative Code. Objectives listed are for the state mandated divisions to be completed in an approved advanced life support unit (ambulance). Upon the completion of this course, the student will be able to:

1. Demonstrate communication skills and leadership needed in the pre-hospital setting.
2. Demonstrate complete patient assessment.
3. Demonstrate all methods of delivering oxygen therapy to patients as it relates to pre-hospital setting.
4. Demonstrate ability to establish venous access.
5. Calculate drug doses and intravenous drip rates.
6. Demonstrate affective application of appropriate patient treatment protocol.
7. Demonstrate pre-hospital management of patient with airway emergency.
8. Demonstrate skills necessary to splint/immobilize all types of soft tissue and musculoskeletal injuries.
9. Demonstrate pre-hospital management of chest trauma.
10. Demonstrate pre-hospital management of abdominal trauma.
11. Demonstrate pre-hospital management of head & spinal cord injuries.
12. Demonstrate pre-hospital management of a patient with multi system trauma.
13. Demonstrate pre-hospital management of a patient with burns.
14. Recognize normal and abnormal cardiac rhythms.

15. Administer appropriate chemicals to treat abnormal cardiac rhythms.
16. Demonstrate pre-hospital management of a patient with a cardiovascular emergency.
17. Demonstrate pre-hospital management of patient with a respiratory emergency.
18. Demonstrate pre-hospital management of a patient under the influence of alcohol or other chemical substance.
19. Demonstrate pre-hospital management of genitourinary & reproductive emergency.
20. Demonstrate pre-hospital management of a patient with an identified medical emergency of the endocrine, nervous, gastrointestinal system.
21. Demonstrate proper technique of handling infectious disease issues in the pre-hospital setting.
22. Demonstrate the assessment and treatment of a pediatric patient in the pre-hospital setting.
23. Demonstrate assisting a pre-hospital delivery.
24. Demonstrate assessment and treatment of a neonate.
25. Demonstrate pre-hospital management of a patient exhibiting a behavioral emergency.

Topics and Scope:

The following will relate to work in the out-of-hospital and ambulance environment:

1. Practical application of paramedic theory and skills in the field setting
 - a. radio communication
 - b. written communication
 - c. leadership
2. Assessment and management of adult and pediatric patient with medical/surgical emergencies
 - a. airway management
 - b. intravenous therapy
3. Assessment and management of adult and pediatric patient with trauma emergencies.
4. Review anatomy and physiology of the adult and pediatric patient.
5. Electrocardiology
 - a. review criteria
 - b. treatment protocols
6. Assessment and management of obstetrical patient.
7. Assessment & management of adults and pediatrics with cardiovascular emergencies.
8. Field management of patients experiencing behavioral emergencies.
9. Management of patients under the influence of drug and/or alcohol.
10. Infection control and precautions.
11. Development of problem solving strategies for patient care.

Assignment:

Students are assigned regular working hours (12 - 56 hrs/week) to conform with their field preceptor's schedule. Students maintain a log

book and an electronic data base of all patient contacts and skill preformed. These items will reflect student performance in areas including but not limited to identification of dysrhythmias, oxygen administration, patient assessment and management of the ill or injured patient. Based on field contacts students will complete:

1. 40 patient care reports
2. daily self evaluations
3. prepare oral 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.

1-5 case studies

Writing
5 - 10%

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

None

Problem solving
0 - 0%

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

Field work

Skill Demonstrations
20 - 40%

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

Completion, oral report

Exams
5 - 10%

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

field evaluations

Other Category
40 - 70%

Representative Textbooks and Materials:

Bledsoe et al. Paramedic Principles and Practice, 2001
Infor Med. ALS Version EMS Field Guide, 14th Edition