

EMC 270B Course Outline as of Fall 2002**CATALOG INFORMATION**

Dept and Nbr: EMC 270B Title: EMT - CLINICAL
 Full Title: Emergency Medical Technician - Paramedic Clinical
 Last Reviewed: 4/10/2006

Units	Course Hours per Week		Nbr of Weeks		Course Hours Total	
Maximum	8.00	Lecture Scheduled	0	9	Lecture Scheduled	0
Minimum	8.00	Lab Scheduled	0	8	Lab Scheduled	0
		Contact DHR	25.00		Contact DHR	225.00
		Contact Total	25.00		Contact Total	225.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 0.00

Total Student Learning Hours: 225.00

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:

Application of skills in the clinical setting to include, but not be limited to, the emergency department and various specialty units. Student will demonstrate knowledge & 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 second course designed to give students the clinical experience required for certification as an EMT-paramedic in California.

Prerequisites/Corequisites:

Successful completion of EMC 270A.

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

Description: The second course designed to give students clinical experience required for certification as an EMT-P in California (Grade Only)

Prerequisites/Corequisites: Successful completion of EMC 270A.

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

Certificate/Major Applicable:

Certificate Applicable Course

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 AND SAFETY CODE AND TITLE

22 DIVISION 9, PRE-HOSPITAL EMERGENCY MEDICAL SERVICES OF THE CALIFORNIA

ADMINISTRATIVE CODE. OBJECTIVES LISTED ARE FOR THE STATE MANDATE DIVISIONS

UPON THE COMPLETION OF THE CLINICAL ROTATIONS IN THE INTENSIVE/CORONARY

CARE UNIT, PEDIATRICS, LABOR & DELIVERY, BURN UNIT, EMERGENCY DEPT. THE

STUDENT WILL BE ABLE TO:

1. DEMONSTRATE COMMUNICATION SKILLS 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 THE PRE-HOSPITAL SETTING

4. DEMONSTRATE ABILITY TO ESTABLISH VENOUS ACCESS

5. CALCULATE DRUG DOSES AND IV DRIP RATES

6. DEMONSTRATE ADMINISTRATION OF CHEMICALS AS PRESCRIBED

7. DEMONSTRATE SKILLS NECESSARY TO SPLINT/IMMOBILIZE ALL TYPES OF SOFT

TISSUE AND MUSCULOSKELETAL INJURIES

8. DEMONSTRATE PRE-HOSPITAL MANAGEMENT OF CHEST TRAUMA

9. DEMONSTRATE PRE-HOSPITAL MANAGEMENT OF ABDOMINAL TRAUMA

10. DEMONSTRATE PRE-HOSPITAL MANAGEMENT OF HEAD & SPINAL CORD INJURIES
11. DEMONSTRATE PRE-HOSPITAL MANAGEMENT OF A PATIENT WITH MULTI SYSTEM
12. DEMONSTRATE PRE-HOSPITAL MANAGEMENT OF A PATIENT WITH BURNS
13. RECOGNIZE NORMAL AND ABNORMAL CARDIAC RHYTHMS.
14. TREAT WITH APPROPRIATE CHEMICALS ABNORMAL CARDIAC RHYTHMS.
15. DEMONSTRATE PRE-HOSPITAL MANAGEMENT OF A PATIENT WITH A CARDIOVASCULAR EMERGENCY.
16. DEMONSTRATE PRE-HOSPITAL MANAGEMENT OF A PATIENT WITH AN IDENTIFIED MEDICAL EMERGENCY OF THE ENDOCRINE, NERVOUS, GASTROINTESTINAL, GENITOURINARY AND REPRODUCTIVE SYSTEMS.
17. DEMONSTRATE PRE-HOSPITAL MANAGEMENT OF A PATIENT UNDER THE INFLUENCE OF ALCOHOL OR OTHER CHEMICAL SUBSTANCE
18. DEMONSTRATE PROPER TECHNIQUE OF HANDLING INFECTIOUS DISEASE ISSUES IN THE PRE-HOSPITAL SETTING
19. DEMONSTRATE THE ASSESSMENT AND TREATMENT OF A PEDIATRIC PATIENT IN A PRE-HOSPITAL SETTING
20. DEMONSTRATE ASSISTING A PRE-HOSPITAL DELIVERY
21. DEMONSTRATE ASSESSMENT AND TREATMENT OF A NEONATE.
22. DEMONSTRATE PRE-HOSPITAL MANAGEMENT OF A PATIENT EXHIBITING A BEHAVIORAL EMERGENCY.

Topics and Scope:

1. PRACTICAL APPLICATION OF PARAMEDIC THEORY AND SKILLS IN CLINICAL SETTING
2. CLINICAL ASSESSMENT AND MANAGEMENT OF ADULT AND PEDIATRIC PATIENT WITH MEDICAL/SURGICAL NEEDS.
3. REVIEW OF ANATOMY & PHYSIOLOGY OF THE ADULT & PEDIATRIC PATIENT
4. CLINICAL ASSESSMENT & MANAGEMENT OF OBSTETRICAL PATIENT
5. EMERGENCY CARE OF ADULT & PEDIATRIC PATIENTS
6. CLINICAL MANAGEMENT OF MEDICAL, SURGICAL OBSTETRIC, PEDIATRIC & BEHAVIORAL EMERGENCYS.
7. CORRELATION OF DIDACTIC MATERIAL WITH CLINICAL EXPERIENCE.
8. MANAGEMENT OF INTERPERSONAL RELATIONSHIPS IN THE WORK SETTING
9. DEVELOPMENT OF PROBLEM SOLVING STRATEGIES

Assignment:

STUDENTS ARE GIVEN CLINICAL JOURNALS THAT THEY MUST ENTER ALL PATIENT CONTACTS AND SKILL DEMONSTRATIONS. THIS IS REVIEWED ON A REGULAR BASIS BY THE INSTRUCTOR. STUDENTS ARE ASSIGNED REGULAR WORKING HOURS (40

PER
WEEK) TO CONFORM WITH THEIR CLINICAL AND/OR FIELD PRECEPTOR'S
SCHEDULE

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.

FIELD ASSESSMENT SKILLS

Problem solving
20 - 70%

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

Field work, DYSRHYTHMIA RECOGNITION

Skill Demonstrations
30 - 70%

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

Completion, ORAL EXAM

Exams
5 - 10%

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

FIELD EVALUATION BY INSTRUCTOR(S) AND PECEPTORS

Other Category
5 - 10%

Representative Textbooks and Materials:

PARAMEDIC TEXTBOOK

Bledsol et.al, Paramedic Care Principles and Practices, 2001, Prentice Hall Publishing

Campbell, Basic Trauma Life Support, 2000, Brady Publishing

Cherry, Drug Guide for Paramedics, 2001, Prentice Hall Publishing