EMC 132 Course Outline as of Summer 2012

CATALOG INFORMATION

Dept and Nbr: EMC 132 Title: PARAMED FIELD
Full Title: Paramedic Field Practicum
Last Reviewed: 2/12/2018

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	10.00	Lecture Scheduled	0	17.5	Lecture Scheduled	0
Minimum	10.00	Lab Scheduled	0	12	Lab Scheduled	0
		Contact DHR	30.00		Contact DHR	525.00
		Contact Total	30.00		Contact Total	525.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 0.00 Total Student Learning Hours: 525.00

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:
Synthesis and application of knowledge and skills acquired in paramedic clinical (EMC131A, 131B). Student will work on an approved advanced life support ambulance. This is the final course in a series designed to give students the field experience required for licensure as a paramedic in California. This course meets standards mandated by the California Health and Safety Code, Title 22 and the National Emergency Services Education Standards (NEMSES) published by the United States Department of Transportation (USDOT).

Prerequisites/Corequisites:
Course Completion or Current Enrollment in EMC 131B

Recommended Preparation:

Limits on Enrollment:
Enrollment in Paramedic Academy

Schedule of Classes Information:
Description: Synthesis and application of knowledge and skills acquired in paramedic clinical (EMC131A, 131B). Student will work on an approved advanced life support ambulance. This is the final course in a series designed to give students the field experience required for licensure as

a paramedic in California. This course meets standards mandated by the California Health and Safety Code, Title 22 and the National Emergency Services Education Standards (NEMSES) published by the United States Department of Transportation (USDOT). (Grade Only)
Prerequisites/Corequisites: Course Completion or Current Enrollment in EMC 131B
Recommended:
Limits on Enrollment: Enrollment in Paramedic Academy
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:
Both Certificate and Major Applicable

COURSE CONTENT

Outcomes and Objectives:
At the completion of this course the student will:
1. Demonstrate verbal and written communication skills with patients, families, and members of health care team
2. Demonstrate ability to independently perform a thorough patient assessment on an adult or pediatric patient with a medical complaint or traumatic injury
3. Integrate clinical findings to determine a treatment plan for the adult or pediatric patient with a medical complaint or traumatic injury in the pre-hospital setting
4. Demonstrate affective behaviors expected of a professional paramedic
5. Demonstrate ability to deliver the full continuum of care to a patient in the pre-hospital setting
6. Demonstrate ability to function as team leader at the scene of a pre-hospital emergency
7. Demonstrate all methods of delivering oxygen therapy
8. Demonstrate the ability to establish venous access
9. Calculate drug doses and drip rates
10. Demonstrate proper technique in giving an intravenous, intraosseous, intramuscular, subcutaneous, and oral medication
11. Demonstrate basic and advanced airway management techniques
12. Demonstrate skills necessary to splint/immobilize all types of soft tissue and musculoskeletal injuries
13. Demonstrate assessment and management of a patient with a traumatic injury in the pre-hospital setting
14. Recognize normal and abnormal cardiac rhythms
15. Administer appropriate medication to treat abnormal cardiac rhythms
16. Demonstrate assessment and management of a patient with a cardiovascular emergency in

the pre-hospital setting
17. Demonstrate assessment and management of a patient with a respiratory emergency in the pre-hospital setting
18. Demonstrate assessment and management of a patient with an identified medical emergency of the endocrine, nervous, gastrointestinal, genitourinary (GI/GU) and reproductive systems in the pre-hospital setting
19. Demonstrate assessment and management of a patient under the influence of alcohol or other chemical substance in the pre-hospital setting
20. Demonstrate proper technique of handling infectious disease issues in the pre-hospital setting
21. Assist in a normal labor and delivery in the pre-hospital setting
22. Assess and manage complications of an obstetrical patient in the pre-hospital setting
23. Demonstrate assessment and treatment of a neonate in the pre-hospital setting
24. Demonstrate management of a patient exhibiting a behavioral emergency in the pre-hospital setting

Topics and Scope:

I. Leadership
 a. Delegation
 b. Scene control
 c. Team leader
 d. Communication
 e. Professionalism
II. Assessment and Management
 a. Patient assessment
 b. Airway management and oxygen therapy
 c. Intravenous cannulation
 d. Medication administration
III. Medical Emergencies
 a. Cardiology
 b. Respiratory
 c. Endocrine
 d. Neurology
 e. Gastrointestinal/gastrourological
 f. Reproductive
  i. Normal Labor and Delivery
  ii. Complications of Delivery

Assignment:

1. Work 12-56 hr/week (preceptor schedule)
2. Minimum of 40 Advanced Life Support patient contacts
3. Meet minimum number of patient contacts, pathology, and chief complaints as set by Committee on Accreditation of Emergency Medical Services Professionals
4. Affective and performance evaluations
5. Track patient assessments and skills (documentation)
6. Complete minimun of 40 patient care reports
7. Attendance as mandated by Title 22

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.

Patient care reports	Writing 5 - 10%

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

Team leader on advanced life support ambulance	Problem solving 40 - 50%

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

Title 22 scope of practice mandated skills	Skill Demonstrations 40 - 50%

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

None	Exams 0 - 0%

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

Affective behaviors, attendance, documentation	Other Category 5 - 10%

Representative Textbooks and Materials:
Prehospital Emergency Pharmacology (6th). Bledsoe. Prentice Hall: 2005
Paramedic Care - 5 (3rd). Bledsoe. Prentice Hall: 2008
Success of the Paramedic (4th). Cherry. Prentice Hall: 2007
Drug Reference for EMS Provides (34th). Beck. Delmar: 2003
ALS Version EMS Field Guide (19th). Infor Med: 2011