

**EMC 131B Course Outline as of Fall 2012****CATALOG INFORMATION**

Dept and Nbr: EMC 131B Title: PARAMEDIC- CLINICAL II

Full Title: Paramedic Clinical Practicum II

Last Reviewed: 2/12/2018

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	4.50	Lecture Scheduled	0	17.5	Lecture Scheduled	0
Minimum	4.50	Lab Scheduled	0	10	Lab Scheduled	0
		Contact DHR	13.50		Contact DHR	236.25
		Contact Total	13.50		Contact Total	236.25
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 0.00

Total Student Learning Hours: 236.25

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 didactic (EMC 130D) in a clinical setting to include, but not be limited to the Emergency Department and various specialty units. 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 of EMC 130D and EMC 131A (Students must sequentially pass all sections to successfully complete course.)

**Recommended Preparation:****Limits on Enrollment:**

Enrollment in Paramedic Academy

**Schedule of Classes Information:**

Description: Synthesis and application of knowledge and skills acquired in paramedic didactic (EMC 130D) in a clinical setting to include, but not be limited to the Emergency Department and various specialty units. 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 of EMC 130D and EMC 131A (Students must sequentially pass all sections to successfully complete course.)

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:**

<b>AS Degree:</b>	<b>Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>CSU GE:</b>	<b>Transfer Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>IGETC:</b>	<b>Transfer Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>CSU Transfer:</b>		<b>Effective:</b>	<b>Inactive:</b>
<b>UC Transfer:</b>		<b>Effective:</b>	<b>Inactive:</b>

**CID:**

**Certificate/Major Applicable:**

Both Certificate and Major Applicable

## **COURSE CONTENT**

### **Outcomes and Objectives:**

At completion of this course student will be able to:

1. Demonstrate verbal and written communication skills with patients, families, and members of health care team
2. Demonstrate ability to 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
4. Demonstrate affective behaviors expected of a professional paramedic
5. Demonstrate all methods of delivering oxygen therapy
6. Demonstrate the ability to establish venous access
7. Calculate drug doses and drip rates
8. Demonstrate proper technique in giving an intravenous, intraosseous, intramuscular, subcutaneous, and oral medication
9. Demonstrate basic and advanced airway management techniques
10. Demonstrate skills necessary to splint/immobilize all types of soft tissue and musculoskeletal injuries
11. Assist in the management of a patient with a severe traumatic injury
12. Recognize normal and abnormal cardiac rhythms
13. Administer appropriate medication to treat abnormal cardiac rhythms
14. Demonstrate assessment and management of a patient with a cardiovascular emergency
15. Demonstrate assessment and management of a patient with a respiratory emergency
16. Demonstrate assessment and management of a patient with an identified medical emergency of the endocrine, nervous, gastrointestinal, genitourinary (GI/GU) and reproductive systems

17. Demonstrate assessment and management of a patient under the influence of alcohol or other chemical substance
18. Demonstrate proper technique of handling infectious disease issues
19. Assist in a normal labor and delivery
20. Discuss complications of an obstetrical patient
21. Demonstrate assessment and treatment of a neonate
22. Demonstrate management of a patient exhibiting a behavioral emergency

### **Topics and Scope:**

- I. Paramedic Theory
  - a. Leadership
  - b. Verbal and written communication
- 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. GI/GU
  - f. Reproductive
    - i. Normal Labor and Delivery
    - ii. Complications of Delivery
  - g. Trauma
  - h. Behavioral
  - I. Infectious disease

### **Assignment:**

1. 10 -15 case studies
2. Interpretation of 10 electrocardiograms (ECG)
3. Research 20 home medications
4. Affective and performance evaluations
5. Track patient assessments and skills (documentation)
6. 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.

Home medication, case studies
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Writing 15 - 30%
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**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None	Problem solving 0 - 0%
<b>Skill Demonstrations:</b> All skill-based and physical demonstrations used for assessment purposes including skill performance exams.	
Performance skills to include psychomotor and ECG interpretation	Skill Demonstrations 55 - 75%
<b>Exams:</b> All forms of formal testing, other than skill performance exams.	
None	Exams 0 - 0%
<b>Other:</b> Includes any assessment tools that do not logically fit into the above categories.	
Affective behaviors, attendance, data tracking (documentation)	Other Category 10 - 15%
<b>Representative Textbooks and Materials:</b> Instructor prepared materials	