

**EMC 131B Course Outline as of Fall 2018****CATALOG INFORMATION**

Dept and Nbr: EMC 131B Title: PARAMEDIC- CLINICAL 2

Full Title: Paramedic Clinical Practicum 2

Last Reviewed: 2/12/2018

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	0	17.5	Lecture Scheduled	0
Minimum	3.00	Lab Scheduled	0	17.5	Lab Scheduled	0
		Contact DHR	9.00		Contact DHR	157.50
		Contact Total	9.00		Contact Total	157.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 0.00

Total Student Learning Hours: 157.50

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 EMC 133C and EMC 133D in a clinical setting to include, but not 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 109

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

Enrollment in Paramedic Academy

**Schedule of Classes Information:**

Description: Synthesis and application of knowledge and skills acquired in EMC 133C and EMC 133D in a clinical setting to include, but not 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 109

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

**CID:**

**Certificate/Major Applicable:**

Both Certificate and Major Applicable

## **COURSE CONTENT**

### **Student Learning Outcomes:**

At the conclusion of this course, the student should be able to:

1. Apply cognitive paramedic knowledge to the care of an ill or injured person in the controlled environment of a hospital or clinical setting.
2. Demonstrate the ability to perform psychomotor skills as outlined in the California state regulations, Health and Safety Code, Title 22 and National Registry of Emergency Medical Technicians.
3. Demonstrate personal behaviors consistent with professional and employer expectations while caring for an ill or injured person.

### **Objectives:**

At the conclusion of this course, the student should 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. Recognize normal and abnormal cardiac rhythms
6. Administer appropriate medication to treat abnormal cardiac rhythms
7. Demonstrate assessment and management of a patient with a cardiovascular emergency
8. Demonstrate assessment and management of a patient with a respiratory emergency
9. Demonstrate assessment and management of a patient with a medical emergency of the endocrine, nervous, gastrointestinal, genitourinary (GI/GU) and reproductive systems
10. Demonstrate assessment and management of a patient under the influence of alcohol or other chemical substance

11. Demonstrate proper technique of handling infectious disease issues
12. Demonstrate management of a patient exhibiting a behavioral emergency
13. Assist in a normal labor and delivery
14. Discuss complications of an obstetrical patient
15. Demonstrate assessment and management of a neonate

### 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
    1. Normal Labor and Delivery
    2. Complications of Delivery
  - G. Behavioral
  - H. Infectious disease

### Assignment:

1. Case studies (10 - 15)
2. Research 15-30 home medications
3. Interpretation of 10 electrocardiograms (ECG)
4. Affective and performance evaluations
5. Record 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.

Patient case studies
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Writing 20 - 30%
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**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None
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Problem solving 0 - 0%
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**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Performance Evaluations

Skill Demonstrations  
20 - 30%

**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, data tracking (documentation)

Other Category  
40 - 60%

**Representative Textbooks and Materials:**  
Instructor prepared materials