



## **EMT 311 - EMT-Paramedic II (Clinical & Field Internship) Course Outline**

**Approval Date:**

**Effective Date:** 06/05/2017

### **SECTION A**

**Unique ID Number** CCC000525326

**Discipline(s)** Emergency Medical Technologies

**Division** Health Occupations

**Subject Area** Emergency Medical Technician

**Subject Code** EMT

**Course Number** 311

**Course Title** EMT-Paramedic II (Clinical & Field Internship)

**TOP Code/SAM Code** 1251.00 - Emergency Medical Technology/Technician  
(EMT Paramedic)\* / -

**Rationale for adding this course to the curriculum** Modify hours requirement to meet updated standards of DOT

**Units** 16

**Cross List** N/A

**Typical Course Weeks** 30

**Total Instructional Hours**

#### **Contact Hours**

**Lecture** 54.00

**Lab** 716.00

**Activity** 0.00

**Work Experience** 0.00

**Outside of Class Hours** 108.00

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**Total Contact Hours** 878

**Total Student Hours** 986

**Open Entry/Open Exit** Yes

**Maximum Enrollment** 24

**Grading Option** P/NP Only

**Distance Education Mode of  
Instruction**

**SECTION B**

**General Education Information:**

**SECTION C**

**Course Description**

**Repeatability** May be repeated 0 times

**Catalog Description** This course provides paramedic students with direct patient care assessment and treatment experience in the hospital and field setting. Upon successful completion of this course, the student will receive a training program certificate of completion that will allow the student to sit for the paramedic National Registry of Emergency Medical Technicians (NREMT) exam.

**Schedule  
Description**

**SECTION D**

**Condition on Enrollment**

**1a. Prerequisite(s)**

- EMT 310 with a minimum grade of B or better

**1b. Corequisite(s):** *None*

**1c. Recommended:** *None*

**1d. Limitation on Enrollment:** *None*

**SECTION E**

**Course Outline Information**

**1. Student Learning Outcomes:**

- A. Assess patient conditions appropriately in the clinical setting while functioning within the paramedic scope of practice per Title 22 of the State of California.
- B. Provide patient care in the clinical setting that is within the paramedic scope of practice per Title 22 of the State of California.
- C. Assess patient conditions appropriately in the pre-hospital setting while functioning within the paramedic scope of practice per Title 22 of the State of California.
- D. Provide patient care in the pre-hospital setting while operating within the paramedic scope of practice per Title 22 of the State of California.

**2. Course Objectives:** Upon completion of this course, the student will be able to:

- A. Conduct an appropriate patient assessment that includes, but is not necessarily limited to, identifying patient level of distress, history, medication(s) and allergy(-ies), physical exam, vital signs, and possible arrhythmias
- B. Establish professional working relationships by exhibiting professional attitudes and by establishing rapport with medical team members
- C. Perform in stressful situations by exhibiting appropriate judgment and decision-making skills and by providing safe patient care.
- D. Function as a team member by respecting and following appropriate chain of command in the clinical setting
- E. Establish rapport with patients by exhibiting appropriate verbal and nonverbal communication skills and by demonstrating a nonjudgmental and compassionate attitude.

- F. Appropriately report pertinent patient information to ED personnel by conveying accurate information and by speaking clearly and at an understandable pace.
- G. Accept feedback and suggestions for improvement from ED personnel without becoming defensive and actively participating in improving one's professional practice.
- H. Perform safely and effectively the treatment skills outlined within the paramedic scope of practice per Title 22 (State of California), following all appropriate procedures and techniques
- I. Conduct an appropriate patient assessment that includes, but is not necessarily limited to, identifying patient level of distress, history, medication(s) and allergy(-ies), physical exam, vital signs, and possible arrhythmias.
- J. Establish professional working relationships by exhibiting professional attitudes and by establishing rapport with medical team members.
- K. Perform in stressful situations by exhibiting appropriate judgment and decision-making skills and by providing safe patient care.
- L. Function as a team member by respecting and following appropriate chain of command in the clinical setting
- M. Establish rapport with patients by exhibiting appropriate verbal and nonverbal communication skills and by demonstrating a nonjudgmental and compassionate attitude
- N. Appropriately report pertinent patient information to ED personnel by conveying accurate information and by speaking clearly and at an understandable pace.
- O. Accept feedback and suggestions for improvement from ED personnel without becoming defensive and actively participating in improving one's professional practice
- P. Perform safely and effectively the treatment skills outlined within the paramedic scope of practice per Title 22 (State of California), following all appropriate procedures and techniques
- Q. Appropriately interpret assessment findings
- R. Engage in appropriate safety procedures and precautions for the emergency situation
- S. Use universal precautions
- T. Implement appropriate crowd control procedures
- U. Call for additional assistance and equipment as needed
- V. Conduct a primary assessment and intervention
- W. Collect patient information
- X. Conduct a physical exam
- Y. Interpret assessment information
- Z. Perform chest auscultation
- AA. Interpret cardiac rhythms
- BB. Manage the patient
- CC. Assess the patient's response to therapy
- DD. Utilize the appropriate airway, circulatory, musculoskeletal, pharmacological, or other treatment skills within the paramedic scope of practice as appropriate based upon the patient's medical/traumatic condition and field setting
- EE. Establish rapport with the patient, family members, and bystanders
- FF. Communicate effectively and establish appropriate working relationships with team members
- GG. Conduct radio reports
- HH. Document assessment, treatment, and scene information appropriately
- II. Demonstrate leadership with team members (e.g., providing appropriate direction)
- JJ. Demonstrate professionalism with team members (e.g., treating team members respectfully, dressing appropriately, etc.)
- KK. Be receptive to and use feedback and guidance to improve one's professional skills

- LL. Engage in appropriate inventory maintenance procedures
- MM. Demonstrate appropriate equipment operation procedures
- NN.

### 3. Course Content

- A. Roles of the Paramedic:
  - a. Scope of practice in the clinical setting
  - b. Professional conduct in the clinical setting
- B. Professional Behaviors:
  - a. Self-reflective assessment of practice
  - b. Effective interdisciplinary communication
  - c. Documentation in the clinical setting
- C. Patient Populations:
  - a. Determined by clinical setting
- D. Assessment & Treatment:
  - a. Determined by patient population
- E. Case Simulations:
  - a. Pediatrics
  - b. Airway
  - c. Burn
  - d. Medical
  - e. Trauma
  - f. Cardiac

Lab Content (Lab activities need to be detailed and compliment the lecture content of the course):

- A. Students will complete a clinical internship within an Emergency Department of a contracted facility for a minimum of 160 hours, as required by Title 22, State of California. The student will be paired with a clinical preceptor and practice all possible skills within the paramedic scope of practice as outlined in Title 22.
- B. Upon successful completion of the clinical preceptorship, students will start the second phase, field internship. Students will be paired with a field preceptor in a contracted EMS agency which transports at least 50% of their calls into a receiving facility. Students will focus on applying the cumulative knowledge from EMT 310 and their clinical internship to practice as a professional paramedic. This field internship will be a minimum of 480 hours with at least 40 ALS patient contacts as required by Title 22. Students will perform skills and administer medications within the paramedic scope of practice as well as follow county specific guidelines.
- C. Students will practice "putting it all together" in a skills simulation lab, where they will be given patient scenarios in which they must correctly interpret assessment findings and treat appropriately.
- D.

### 4. Methods of Instruction:

**Discussion:**

**Lecture:**

**Other:** 1. Hands-on Training: Students will practice assessment and all ALS and BLS skills within the paramedic scope of practice, in "real-life" situations with a preceptor that is assigned to monitor and guide them individually. 2. Lectures: Image and video-enhanced

lectures covering case studies followed by all-class or small-group discussions on the same topics.

**5. Methods of Evaluation:** Describe the general types of evaluations for this course and provide at least two, specific examples.

Additional assessment information:

1. California Paramedic Field Internship - Daily Performance Record:

Students will be assessed each day in the following domains: scene management, assessment/treatment, communication, leadership, and treatment skills.

For example:

The student may receive a 1 (fails to perform), 2 (borderline inconsistent), or 3 (competent) rating in these areas.

2. Case Studies of Field Patients:

Students will be expected to complete at least two case studies of patients they treated in the field.

3. California Paramedic Field Internship - Major Evaluation:

Students will have a final assessment at the conclusion of their field internship in the following domains: scene management, assessment/treatment, communication, leadership, and treatment skills.

For Example:

The student may receive a 1 (fails to perform), 2 (borderline inconsistent), or 3 (competent) rating in these areas.

4. Field Internship Final Exam:

The final exam may be composed of multiple choice, true/false, and short answer questions. The exam will also have a assessment/treatment simulation component that represents a patient the student might encounter in the field.

For example:

What is the generic name of Zofran?

- a. Zofran
- b. Compazine
- c. Ondansetron
- d. Reglan

True or False:

The combi-tube is indicated in pediatric patients weighing 25 kg.

P/NP Only

**6. Assignments:** State the general types of assignments for this course under the following categories and provide at least two specific examples for each section.

A. Reading Assignments

Reference Reading Examples:

A. Textbook (e.g., Appendix 1: Medication Formulary)

B. Web Pages (e.g., National Institutes of Medicine)

C. Journal articles (e.g., Annals of Emergency Medicine)

D. Course reader (e.g., may compile articles, quick reference materials, charts for the field, etc.)

B. Writing Assignments

I. Case Studies:

For example:

Select a patient you saw in the field. Write a case study that addresses the following:

-How did you manage the scene? Were there challenges in obtaining information about the patient or in organizing the scene?

oBased upon your assessment and treatment data, what interventions did you use with the patient? Explain your logic and rationale.

-Did you experience any challenges in communicating with persons at the scene? How might you manage the communication differently next time?

-Looking back, were there any aspects of your practice (scene management, assessment/treatment, communication, leadership, equipment management) that you might do differently? If so, why? If not, why?

-What unique or critical pieces of information from this patient's medical condition did you find interesting? How might this influence your assessment or treatment of another patient with a similar condition?

## II. Performance Assignments:

For example:

A simulator will be set up with a scenario that mimics an actual emergency medical case you might encounter. You must assess and treat the simulator as if it were a real patient, directing your EMT-I staff to assist you. You will need to:

-Assess and treat the patient utilizing the skills as outlined in the paramedic scope of practice per State of California Title 22

-Perform within the paramedic scope of practice in a manner that does not place the patient at undue risk or harm

-Demonstrate appropriate communication skills with your co-workers and clearly present

## III. Multiple Choice, Short-Answer, or True/False Questions:

For example:

1. A vial is a breakable sterile glass container that carries a single dose of medication. True or False?

2. You are ordered to give a patient 6 mg. of morphine. The morphine comes in 10 mg/mL. How much will you give?

3. A/an ? injection is given at a 90 degree angle.

- subcutaneous
- intravascular
- intramuscular
- bolus

## C. Other Assignments

Portfolio Binder Presentation

## 7. Required Materials

### A. EXAMPLES of typical college-level textbooks (for degree-applicable courses) or other print materials.

Book #1:

Author: Andrew N. Pollak, MD, FAAOS

Title: Nancy Caroline's Emergency Care in the Streets

Publisher: Jones & Bartlett Learning

Date of Publication: 2012

Edition: 7th

### B. Other required materials/supplies.

- Uniform
- Lab pack
- Fisdap Account