El Camino College

COURSE OUTLINE OF RECORD - Official

I. GENERAL COURSE INFORMATION

Subject and Number: Fire and Emergency Technology 138
Descriptive Title: Paramedic Clinical Internship

Course Disciplines: Emergency Medical Technologies

Division: Industry and Technology

Catalog Description: This course provides the student with an opportunity to apply knowledge and skills learned in the preceding courses to patient care. The emphasis of the course is to increase the student's assessment and diagnostic skills in a clinical setting.

Conditions of Enrollment:

Prerequisite

Fire and Emergency Technology 130
AND

Fire and Emergency Technology 131
AND

Fire and Emergency Technology 132
AND

Fire and Emergency Technology 133
AND

Fire and Emergency Technology 134
AND

Fire and Emergency Technology 135
AND

Fire and Emergency Technology 136
AND

Fire and Emergency Technology 137
with a minimum grade of C in each prerequisite course

Enrollment Limitation

admission to Paramedical Technician program

Course Length: ☐ Full Term ☑ Other (Specify number of weeks): 4
Hours Lecture: 0 hours per week ☐ TBA
Hours Laboratory: 40.00 hours per week ☒ TBA
Course Units: 3.00

Grading Method: **Letter**
Credit Status **Associate Degree Credit**

Transfer CSU: ☐ **No**
Transfer UC: ☐ **No**

General Education:

El Camino College: _____

CSU GE: _____

IGETC: _____

II. OUTCOMES AND OBJECTIVES

A. COURSE STUDENT LEARNING OUTCOMES (The course student learning outcomes are listed below, along with a representative assessment method for each. Student learning outcomes are not subject to review, revision or approval by the College Curriculum Committee)

1. SLO #1 PARAMEDIC FIELD REPORTSs Students successfully completing this course will categorize the information that should be included on all paramedic field reports, and will complete a field report for a medical emergency.
2. SLO #2 POLICIES Students completing this course will be able to identify and define pre-hospital policies and be prepared to take the county's accreditation exam.
3. SLO #3 INTRODUCTION TO CLINICAL The students will be able to prepare for clinical internship by accomplishing hospital-specific modules in regards to HIPAA and Patient Safety Goals.

The above SLOs were the most recent available SLOs at the time of course review. For the most current SLO statements, visit the El Camino College SLO webpage at http://www.elcamino.edu/academics/slo/.

B. Course Student Learning Objectives (The major learning objective for students enrolled in this course are listed below, along with a representative assessment method for each)

1. Compare and contrast the pathophysiology, signs/symptoms, appropriate prehospital care, and rationale for any disorders discussed during didactic training or discussed in the text.

   Performance exams
2. Differentiate between the basic and advanced airway management techniques you have learned during didactic training.

   Oral exams
3. Compare and contrast the correct resuscitation procedures for adults, children, adolescents, and infants.

   Oral exams
4. Perform venipuncture for the purpose of withdrawing blood samples on a patient in an emergency room setting.

   Performance exams
5. Initiate, maintain, and discontinue intravenous therapy on a patient in an emergency room environment.

   Performance exams

6. Compare and contrast the proper lung auscultation procedures and methods. Correctly interpret the findings and discuss.

   Oral exams

7. Choose the correct procedures for treating closed fractures.

   Performance exams

8. Create and maintain professional rapport with other health care providers in an emergency room setting.

   Other exams

9. Maintain the appropriate communication skills in order to gain a patient's confidence in an emergency room environment.

   Other exams

III. OUTLINE OF SUBJECT MATTER (Topics are detailed enough to enable a qualified instructor to determine the major areas that should be covered as well as ensure consistency from instructor to instructor and semester to semester.)

Lecture or Lab	Approximate Hours	Topic Number	Major Topic
Lab	40	I	ASSESSMENT TECHNIQUES A. Primary, secondary assessment B. Documentation of vital signs C. Signs/symptoms D. Resuscitation procedures
Lab	40	II	DRUG THERAPY A. Intravenous (IV) principles B. Blood samples C. Administering medications
Lab	40	III	CARDIAC RHYTHMS A. Interpreting rhythms B. Cardiac medications C. Defibrulators
Lab	40	IV	PATIENT MANAGEMENT A. Rapport with health care professionals B. Patient communication techniques C. Physical, emotional support for patients D. Paramedic skills competency demonstrations E. Basic Life Support (ALS) skills F. Drug therapy G. Oxygen, airway adjuncts H. Drug therapy I. Cardiopulmonary Resuscitation (CPR) J. Electrocardiogram interpretation K. Coronary emergencies L. Respiratory emergencies

			M. Childbirth N. Environmental emergencies O. Head, spine trauma P. Pediatric emergencies Q. Behavioral problems
Total Lecture Hours	0		
Total Laboratory Hours	160		
Total Hours	160		

IV. PRIMARY METHOD OF EVALUATION AND SAMPLE ASSIGNMENTS

A. **PRIMARY METHOD OF EVALUATION:**

Skills demonstrations

B. **TYPICAL ASSIGNMENT USING PRIMARY METHOD OF EVALUATION:**

In an emergency room environment, demonstrate to the instructor the proper techniques for lung auscultation and interpret the findings.

C. **COLLEGE-LEVEL CRITICAL THINKING ASSIGNMENTS:**

1. In an emergency room setting, describe to the instructor various Electrocardiogram (EKG) rhythms. Identify cardiac rhythms that are most life threatening for the patient and describe your course of treatment for each irregular rhythm.
2. In the emergency room setting, you observe a patient with Chronic Obstructive Pulmonary Disease (COPD). Describe to the instructor your course of treatment. Discuss the signs and symptoms which could lead to further complications for the patient.

D. **OTHER TYPICAL ASSESSMENT AND EVALUATION METHODS:**

Performance exams

Laboratory reports

Field work

Other (specify):

SIMULATIONS

V. INSTRUCTIONAL METHODS

Other (please specify)

Patient observation

Hands on practice

Directed study

Note: In compliance with Board Policies 1600 and 3410, Title 5 California Code of Regulations, the Rehabilitation Act of 1973, and Sections 504 and 508 of the Americans with Disabilities Act, instruction delivery shall provide access, full inclusion, and effective communication for students with disabilities.

VI. WORK OUTSIDE OF CLASS

Course is lab only - minimum required hours satisfied by scheduled lab time and estimated student hours outside of class per week is zero.

Estimated Independent Study Hours per Week: 0

VII. TEXTS AND MATERIALS

A. **UP-TO-DATE REPRESENTATIVE TEXTBOOKS**
The County of Los Angeles. ADVANCED PREHOSPITAL CARE CURRICULUM. Department of Health Services, 2004.
Qualifier Text: Industry Standard,
Andrew Pollack, Bob Elling, Mike Smith . Nancy Caroline's EMERGENCY CARE IN THE STREETS . 7th ed. American Academy of Orthopedic Surgeons, 2013.

B. **ALTERNATIVE TEXTBOOKS**

C. **REQUIRED SUPPLEMENTARY READINGS**
EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC INTERNSHIP MANUAL, County of
Los Angeles, Department of Health Services, 2007 Industry Standard

D. **OTHER REQUIRED MATERIALS**

VIII. CONDITIONS OF ENROLLMENT

A. Requisites (Course and Non-Course Prerequisites and Corequisites)

Requisites	Category and Justification
Course Prerequisite Fire and Emergency Technology-130 AND	Sequential
Course Prerequisite Fire and Emergency Technology-131 AND	Sequential
Course Prerequisite Fire and Emergency Technology-132 AND	Sequential
Course Prerequisite Fire and Emergency Technology-133 AND	Sequential
Course Prerequisite Fire and Emergency Technology-134 AND	Sequential
Course Prerequisite Fire and Emergency Technology-135 AND	Sequential
Course Prerequisite Fire and Emergency Technology-136 AND	Sequential
Course Prerequisite Fire and Emergency Technology-137	Sequential

B. Requisite Skills

Requisite Skills
Knowledge of surface anatomy and physiology. FTEC 130 - Identify the features of human surface anatomy.
Ability to obtain complete and accurate vital signs. FTEC 131 - Describe the decisions which must be made when initially assessing a patient.
Knowledge of various prehospital care drugs administered in the field. FTEC 132 - Examine the factors which may influence the effects of a drug or drug(s) on the human body.
Knowledge of Cardiopulmonary Resuscitation (CPR) techniques. FTEC 133 - Demonstrate the ability to perform Basic Life Support (BLS) skills.
Ability to properly assess a patient's level of consciousness. FTEC 134 - Using the mnemonic Depth of Coma, Eyes, Respiration, Mental (DERM), collect the facts to be assessed for a patient with an altered level of consciousness.
Knowledge of traumatic emergencies. FTEC 135 - Select the appropriate field treatment for a patient with an impaled object.
Knowledge of pediatric care. FTEC 136 - Compare and contrast the signs/symptoms of pediatric shock.
Knowledge of appropriate prehospital care documentation and report writing. FTEC 137 - Categorize the information that should be included on all paramedic field reports.

C. Recommended Preparations (Course and Non-Course)

Recommended Preparation	Category and Justification

D. Recommended Skills

Recommended Skills

E. Enrollment Limitations

Enrollment Limitations and Category	Enrollment Limitations Impact
admission to Paramedical Technician program	Required course for Paramedical Technician Option - Associate in Science Degree

Course created by Craig Neumann on 02/01/1994.

BOARD APPROVAL DATE: 05/16/1994

LAST BOARD APPROVAL DATE: 01/23/2017

Last Reviewed and/or Revised by Kevin Huben on 09/30/2016

19741