



El Camino College
COURSE OUTLINE OF RECORD – Official

Course Acronym:	FTEC
Course Number:	139
Descriptive Title:	Paramedic Field Internship
Division:	Health Sciences and Athletics
Department:	Fire and Emergency Technology
Course Disciplines:	Emergency Medical Technologies
Catalog Description:	This course provides an in-depth opportunity for the student to apply skills and techniques that are necessary for a paramedic. The student will complete a field internship in a designated mobile intensive care unit under the supervision and evaluation of a certified paramedic or mobile intensive care nurse.
Prerequisite:	Fire and Emergency Technology 138 with a minimum grade of C
Co-requisite:	
Recommended Preparation:	
Enrollment Limitation:	Admission to Paramedical Technician Program
Hours Lecture (per week):	0
Hours Laboratory (per week):	60
Outside Study Hours:	0
Total Course Hours:	480
Course Units:	8.5
Grading Method:	Pass/No Pass only
Credit Status:	Credit, degree applicable
Transfer CSU:	No
Effective Date:	
Transfer UC:	No
Effective Date:	
General Education:	ECC
Term:	
Other:	
CSU GE:	
Term:	
Other:	

	IGETC:
	Term:
	Other:
Student Learning Outcomes:	<p>SLO #1 Collecting and Transmitting Medical Data</p> <p>Students successfully completing this course will collect, analyze, and transmit emergency medical data using a radio system. The student will then demonstrate this ability at a simulated emergency medical incident.</p> <p>SLO #2 Leadership</p> <p>Students, under the direct observation of a licensed paramedic, will demonstrate safe, competent patient care administered in the pre-hospital setting.</p> <p>SLO #3 Documentation</p> <p>The student will demonstrate competency in documenting the patient care record.</p>
Course Objectives:	<ol style="list-style-type: none"> 1. Recognize the signs, symptoms and pathophysiology of major cardiovascular, neurological, respiratory, medical-surgical, and obstetrical emergencies. 2. Collect, analyze, organize, and transmit emergency medical data promptly and efficiently. 3. Demonstrate proficiency in the appropriate assessment and prehospital management of patients with medical and traumatic emergencies. 4. Perform advanced procedures allowed under a paramedics scope of practice. This is under the direction of a base station hospital and emergency room physician. 5. Initiate and maintain basic and advanced life support, including airway management, drug administration, and defibrillation. 6. Maintain and correctly utilize medical care equipment and supplies in both emergency and non-emergency situations. 7. Identify the medical, legal, psychological, and social aspects of paramedic functions in the field.
Major Topics:	<p>I. PARAMEDIC EQUIPMENT (60 hours, lab)</p> <ol style="list-style-type: none"> A. Drug box B. Anti-shock trousers C. Resuscitators D. Airway adjuncts E. Splints F. Radio <p>II. BASIC AND ABDOMINAL LIFE SUPPORT (180 hours, lab)</p> <ol style="list-style-type: none"> 1. <ol style="list-style-type: none"> A. Vital signs B. Bandaging C. Patient assessment D. Electrocardiogram (EKG) rhythm interpretation E. Extraction F. Treatment protocol

	<p>III. MEDICATION / INTRAVENOUS THERAPY (60 hours, lab)</p> <p>1.</p> <ul style="list-style-type: none"> A. Administration of medications B. Establishing intravenous (IV) lines C. Obtaining blood samples <p>IV. TRAUMA, MEDICAL EMERGENCIES (180 hours, lab)</p> <p>1.</p> <ul style="list-style-type: none"> A. Cardiopulmonary resuscitation (CPR) B. Childbirth C. Burns D. Shock E. Neurological complications F. Chest pain G. Difficulty breathing H. Patient transportation
Total Lecture Hours:	0
Total Laboratory Hours:	480
Total Hours:	480
Primary Method of Evaluation:	3) Skills demonstration
Typical Assignment Using Primary Method of Evaluation:	In a field setting, demonstrate to the instructor the correct procedure for placing the anti-shock garment on a patient.
Critical Thinking Assignment 1:	In a field setting, discuss and explain to the instructor the circumstances in which a needle thoracotomy procedure may be needed to be used on a patient in the field.
Critical Thinking Assignment 2:	<p>In a field setting, discuss with the instructor the differences between the following types of "shock" on a patient you may see in the field:</p> <ul style="list-style-type: none"> a. Hypovolemic b. Obstructive c. Cardiogenic d. Distributive <p>Compare and contrast the causes and appropriate field treatment for each type of "shock".</p>
Other Evaluation Methods:	Fieldwork, Laboratory Reports
Instructional Methods:	Demonstration, Discussion, Lab, Other (specify)

If other:	Patient observation Patient treatment Directed study
Work Outside of Class:	Course is lab only - minimum required hours satisfied by scheduled lab time
If Other:	
Up-To-Date Representative Textbooks:	American Academy of Orthopedic Surgeons. <u>Nancy Caroline's EMERGENCY CARE IN THE STREETS</u> . 8th ed. Andrew Pollack, Bob Elling, Mike Smith, 2018. County of Los Angeles. <u>ADVANCED PREHOSPITAL CARE CURRICULUM</u> . Department of Health Services, 2004. (Discipline Standard)
Alternative Textbooks:	
Required Supplementary Readings:	EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC INTERNSHIP MANUAL, County of Los Angeles, Department of Health Services, 2007 (Discipline Standard)
Other Required Materials:	
Requisite:	Prerequisite
Category:	sequential
Requisite course(s): List both prerequisites and corequisites in this box.	Fire and Emergency Technology-138
Requisite and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s).	<p>Successful completion of hospital field internship.</p> <p>FTEC 138 - Compare and contrast the pathophysiology, signs/symptoms, appropriate prehospital care, and rationale for any disorders discussed during didactic training or discussed in the text.</p> <p>FTEC 138 - Differentiate between the basic and advanced airway management techniques you have learned during didactic training.</p> <p>FTEC 138 - Compare and contrast the correct resuscitation procedures for adults, children, adolescents, and infants.</p> <p>FTEC 138 - Perform venipuncture for the purpose of withdrawing blood samples on a patient in an emergency room setting.</p> <p>FTEC 138 - Initiate, maintain, and discontinue intravenous therapy on a patient in an emergency room environment.</p> <p>FTEC 138 - Compare and contrast the proper lung auscultation procedures and methods. Correctly interpret the findings and discuss.</p> <p>FTEC 138 - Choose the correct procedures for treating closed fractures.</p> <p>FTEC 138 - Create and maintain professional rapport with other health care providers in an emergency room setting.</p>

	FTEC 138 - Maintain the appropriate communication skills in order to gain a patient's confidence in an emergency room environment.
Requisite Skill:	
Requisite Skill and Matching Skill(s): Bold the requisite skill(s). If applicable	
Requisite course:	
Requisite and Matching skill(s):Bold the requisite skill. List the corresponding course objective under each skill(s).	
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Enrollment Limitations and Category:	Admission to Paramedical Technician Program
Enrollment Limitations Impact:	Required course for the Paramedical Technician Option - Associate in Science Degree
Course Created by:	Craig Neumann
Date:	02/01/1994
Original Board Approval Date:	05/16/1994
Last Reviewed and/or Revised by:	Kevin Huben
Date:	03/13/2023
Last Board Approval Date:	07/17/2023 effective FALL 2024