



El Camino College

COURSE OUTLINE OF RECORD - Official

I. GENERAL COURSE INFORMATION

Subject and Number: Fire and Emergency Technology 136
Descriptive Title: Special Patient Emergencies

Course Disciplines: Emergency Medical Technologies

Division: Industry and Technology

Catalog Description: This course focuses on emergencies, which involve unresponsive patients, from pediatric to geriatric patients, and methods for resuscitating these victims. Discussions include obstetrical and behavioral problems as well as circumstances surrounding paramedic critical incident stress.

Conditions of Enrollment: Enrollment Limitation

Admission to Paramedical Technician Program

Course Length: Full Term Other (Specify number of weeks): 13
Hours Lecture: 3.00 hours per week TBA
Hours Laboratory: 0 hours per week TBA
Course Units: 2.00

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 SPECIAL PATIENT EMERGENCIES Stages of Labor Students completing this course will be able to successfully differentiate among the three stages of labor.
2. SLO #2 PEDIATRICS Students at the end of this course will be able to recognize pediatric patients and identify common illnesses and injury as they relate to developmental benchmarks.
3. SLO #3 ELDERLY Students will be able to recognize differences in caring for the elderly as it relates to the pathophysiology of aging and common ailments of the elderly.

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. Analyze the appropriate techniques for monitoring the airway in a pediatric patient in the field.
Oral exams
2. Examine the most common form of cardiopulmonary arrest in infants and children. Discuss the causal factors.
Oral exams
3. Compare and contrast the signs/symptoms of pediatric shock.
Oral exams
4. Discuss how you would calculate the total surface of a burn using the "rule of nines" for a pediatric with burns.
Performance exams
5. Evaluate the significance of blood tinged with mucous and/or fluid discharge during active childbirth.
Oral exams
6. Discuss and differentiate among the three basic stages of labor.
Oral exams
7. Compare and contrast the implications of normal changes of aging on geriatric patients. Discuss the changes that occur.
Oral exams
8. Select the appropriate measures a paramedic should take if he/she has signs of stress reaction.
Performance 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
Lecture	15	I	PEDIATRIC EMERGENCIES A. Developmental characteristics B. Pulse rates C. Respiratory rates

			<ul style="list-style-type: none"> D. Pediatric airways E. Asthma/bronchitis F. Tracheobronchitis G. Allergic reaction H. Sudden Infant Death Syndrome (SIDS) I. Pediatric shock J. Pediatric Cardiopulmonary Resuscitation (CPR) K. Field treatments L. Seizures M. Poisonings/overdoses N. Child abuse
Lecture	12	II	OBSTETRICAL EMERGENCIES <ul style="list-style-type: none"> A. Definitions of obstetrical emergencies B. Patient history C. Stages of labor D. Delivery complications E. Premature delivery F. Multiple births G. Infant vital signs H. Newborn care
Lecture	3	III	GERIATRIC EMERGENCIES <ul style="list-style-type: none"> A. Social roles and aging B. Effects of aging on body structures C. Illnesses D. Elder abuse
Lecture	6	IV	BEHAVIORAL EMERGENICES/CRISIS INTERVENTION <ul style="list-style-type: none"> A. Disruptive behavior B. Causes of disruptive behavior C. Sudden death D. Patient restraining E. Terminally ill F. Field treatments G. Deaf/mute; blind patients H. Suicidal patients I. Sexual assault
Lecture	3	V	PARAMEDIC CRITICAL INDICENT STRESS <ul style="list-style-type: none"> A. Paramedics and stress reactions B. Responses to stress reactions C. Counseling services
Total Lecture Hours		39	
Total Laboratory Hours		0	

IV. PRIMARY METHOD OF EVALUATION AND SAMPLE ASSIGNMENTS

A. PRIMARY METHOD OF EVALUATION:

Skills demonstrations

B. TYPICAL ASSIGNMENT USING PRIMARY METHOD OF EVALUATION:

In a classroom setting, after power point presentations, demonstrate to the instructor the ability to perform obstructed airway maneuvers.

C. COLLEGE-LEVEL CRITICAL THINKING ASSIGNMENTS:

1. In a classroom setting, after power point presentations, explain to the instructor the important anatomic and physiologic differences between children and adult patients.
2. Discuss with the instructor the following scenario in class. You respond to the home of a 5 year old male and 6 year old female. The mother states that both children have difficulty breathing. Upon examination, you determine that the male has croup and the female has epiglottitis. In your opinion, discuss which is the most serious condition and why? Describe the treatment you would provide to both children and your reasons for the course of treatment.

D. OTHER TYPICAL ASSESSMENT AND EVALUATION METHODS:

Performance exams

Objective Exams

Quizzes

Class Performance

Homework Problems

Multiple Choice

Completion

Matching Items

True/False

Other (specify):

SIMULATIONS

V. INSTRUCTIONAL METHODS

Demonstration

Discussion

- Group Activities
- Guest Speakers
- Lecture
- Role Play
- Simulation

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

- Study
- Answer questions
- Required reading
- Problem solving activities
- Written work

Estimated Independent Study Hours per Week: 6

VII. TEXTS AND MATERIALS

A. UP-TO-DATE REPRESENTATIVE TEXTBOOKS

Andrew Pollack, Bob Elling, Mike Smith. Nancy Caroline's EMERGENCY CARE IN THE STREETS. 7th ed. American Academy of Orthopedic Surgeons, 2013.
 The County of Los Angeles,. ADVANCED PREHOSPITAL CARE CURRICULUM.
 Department of Health Services, 2004.
 Qualifier Text: INDUSTRY STANDARD,

B. ALTERNATIVE TEXTBOOKS

C. REQUIRED SUPPLEMENTARY READINGS

D. OTHER REQUIRED MATERIALS

VIII. CONDITIONS OF ENROLLMENT

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

Requisites	Category and Justification
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B. Requisite Skills

Requisite Skills

C. Recommended Preparations (Course and Non-Course)

Recommended Preparation	Category and Justification
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D. Recommended Skills

Recommended Skills

E. Enrollment Limitations

Enrollment Limitations and Category	Enrollment Limitations Impact
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Course created by Craig Neumann on 02/01/1994.

BOARD APPROVAL DATE: 05/16/1994

LAST BOARD APPROVAL DATE: 02/21/2017

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

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