

EMT-95: EMERGENCY MEDICAL TECHNICIAN (BASIC)

SECTION A - Course Data Elements

CB04 Credit Status

Credit - Degree Applicable

Discipline

SECTION E - Course Content

Student Learning Outcomes

Upon satisfactory completion of the course, students will be able to:

1. Differentiate the roles and responsibilities of the EMT-Basic from other prehospital care providers.
2. Recognize a patient with an emergent condition or injury which requires rapid assessment, treatment, and transfer to a higher level of care.
3. Identify a medical or traumatic emergency through assessment and manage the patient within the EMT-Basic scope of practice.

Course Objective, Fj

i.

- v. assessment of injury
 - vi. emergency medical care
 - vii. use of cervical immobilization devices and short and long back boards demonstrated by the instructor and students
 - viii. helmet removal and infant and child considerations.
 - e. Practical Skills Lab: Trauma
 - i. practice of the assessment
 - ii. management of patients with traumatic injuries.
 - f. Evaluation: Trauma Module
 - i. written and skills evaluation to determine the student's level of achievement of the cognitive, psychomotor and affective objectives
- 6. Infants and Children
 - a. Basics
 - i. the developmental and anatomical differences in infants and children
 - ii. common medical and trauma situations
 - iii. infants and children dependent on special technology
 - iv. challenges for EMS providers in dealing with an ill or injured infant or child
 - b. Practical Skills Lab: Infants and Children
 - i. interaction with infants and children
 - ii. practice knowledge and skills learned concerning this special population
 - c. Evaluation: Infants and Children
 - i. written and skills evaluation to determine the student's level of achievement of the cognitive, psychomotor and affective objectives from this module of instruction.
- 7. Operations
 - a. Ambulance Operations
 - i. overview of the knowledge needed to function in the prehospital environment
 - ii. responding to a call
 - iii. emergency vehicle operations
 - iv. transferring patients
 - v. phases of an ambulance call
 - b. Gaining Access
 - i. overview of rescue operations
 - ii. roles and responsibilities at a crash scene
 - iii. equipment
 - iv. gaining access
 - v. removing the patient
 - c. Overviews
 - i. hazardous materials
 - ii. incident management system ~ • ++ ~ • +
 - iii. mass casualty situations i. mass casualty situations
 - iv. basic triage
 - d. Evaluation: Operations
 - i. practice knowledge and skills learned concerning this sp Op #zarwrrrrrrrrr mass ca.

Methods of Evaluation

Types	Examples of classroom assessments
Exams/Tests	May include both objective and essay style questions as well as a Manipulative Skills Exam. Final Exam - Multiple Choice, True/ False, Matching, Essay, and Manipulative Skills Exam Mid Term - Multiple Choice, True/ False, Matching, Essay, and Manipulative Skills Exam
Quizzes	After each unit of study, may include objective, essay, and manipulative skills.
Oral Presentations	Group Poster Presentations
Simulation	Scenario based simulation evaluations using the EMT Rubric
Work Assessments	Group Tactile Learning Projects
Lab Activities	Manipulative Skills Assessments as outlined by California Title 22. Please see attached Skills Evaluation Sheet
Other	Attendance: Students are allowed to miss no more than two class sessions. Manipulative Skills Assessments: There are 14 skill sets the student must perform proficiently per CA Title 22 and U.S. DOT established standards to pass this course. The sets will include but may not be limited to (based upon possible changes to U.S. DOT or CA Title 22 regulations): Clinical All students must participate in at least 12-hours of ride-along with an ambulance crew or transporting agency and 12 hours within an Emergency Department and provide a written report on the patient contacts (minimum of 10).

Assignments

Reading Assignments

Selected reading of textbook, peer reviewed journals, and hand-outs related to Emergency Medical Care.

For Example:

1. Read pages 100-147 in Emergency Care in the Streets covering the laws and regulations governing the EMT.
2. Choose a peer reviewed EMS journal article which focuses on cardiopulmonary arrest in pediatric patients.

Writing Assignments

1. Ride-Along Report

Participate in a 12-hour ride-along with a fire district or private ambulance company as well as a 12-hour Emergency Room Observation. You should provide a written chronological report of all patient contacts encountered during the ride-along and ER observation that includes the age of the patient, gender, chief complaint, assessment, and treatment plan administered.

2. Example of a question that could be asked on the mid-term or final are: Which of the following MOST accurately defines an allergic reaction?

- A. An exaggerated immune system response to any substance
- B. Destruction of the immune system by an external substance
- C. A release of erythrocytes in response to a foreign substance
- D. A direct negative effect on the body by an external substance

Other Assignments

Problem Solving/Performance Assignments:

1. Skill Sets:

There are 14 skill sets the student must perform proficiently per CA Title 22 and U.S. DOT established standards to pass this course.

CB24 Program Course Status

Program Applicable

Allow Pass/No Pass

Yes

Only Pass/No Pass

No