

EPT 150
EMS INCIDENT MANAGEMENT

COURSE DESCRIPTION:

Prerequisite: None

Corequisite: None

This course covers the fully integrated incident management system for EMS response to high impact incidents. Topics include mass casualty incidents, terrorists' events, communications, training triage, law and fire incident command. Upon completion, students should be able to implement and operate within the National Incident Management System. Course Hours Per Week: Class, 2. Lab, 2. Semester Hours Credit 3.

COURSE OBJECTIVES:

Upon successful completion of this course, the student will be able to:

- a. Understand the history of incident management.
- b. Understand the development of fire command systems.
- c. Recognize the modern management principles that are inherent in incident command systems.
- d. Have a basic knowledge of the EMS Incident Management System.
- e. Have an awareness of the duties and responsibilities of an Incident Manager.
- f. Recognize the political problems and turf problems associated with leadership in an Incident Management System.
- g. Understand the relationship between the EMS Branch and Fire Incident Manager.
- h. Understand the concept of Unified Management.
- i. Understand the concept of a Management Staff.
- j. Describe the relationship between the Incident Manager and members of the Management Staff.
- k. Define the duties of the Public Information Officer, Safety Officer, Liaison Officer, and the Trauma Intervention Program.
- l. Understand the concept of EMS operations.
- m. Understand the relationship of operational functions to support functions.
- n. Define the operations units in the EMS Incident Management System.
- o. Understand the relationship between treatment sectors and how this relationship affects patient flow.
- p. Understand the importance of patient decontamination in today's chemical environment.
- q. Define the critical functions of logistics in relation to operations support.
- r. List the duties of the Logistics Section chief, and they relate to the Incident Manager.
- s. Discuss the key elements in the communications model.
- t. Describe the importance of detection and mass decontamination in a chemical-biological terrorism incident.

- u. Analyze the potential for natural and technological disasters in the region.
- v. Understand the integration of response agency management system into the Medical Incident Management System.

OUTLINE OF INSTRUCTION:

- I. The Basics of the Incident Management Systems
 - a. The history of the Incident Management System
 - b. Incident Management System Model
 - c. EMS Incident Management System

- II. Command and Control
 - a. Determining the Incident Commander
 - b. Resolving Problems
 - c. Qualities and Duties of an Incident Commander.

- III. Management Staff
 - a. The management staff concept
 - b. Safety Officer
 - c. Liaison
 - d. Public Information Officer

- IV. EMS Operations
 - a. EMS Branch Director
 - b. Operations/Command Relationship
 - c. The Sector Concept

- V. EMS Operations Functions
 - a. Triage Concept
 - b. Treatment Sector
 - c. Transportation
 - d. Multiple Casualty Incident Guide

- VI. EMS Logistics
 - a. Logistics Section
 - b. EMS Supply Unit
 - c. Disaster Caches
 - d. Facilities
 - e. Security

- VII. Communications
 - a. The Communications Model
 - b. Model Communications Protocol

- VIII. The Chemical Environment
 - a. Mechanism of Injury
 - b. Decontamination
 - c. Personal Protective Equipment

- IX. Community Threat Assessment
 - a. Community Threat Assessment
 - b. Terrorism Threat Assessment
 - c. Emergency Support Functions
 - d. Major Event Planning

- X. Response Agency Management Systems
 - a. EMS Units in Other Systems
 - b. The Fire Incident Command System
 - c. Law Enforcement Incident Command
 - d. Public Works Incident Command
 - e. Hospital Emergency Incident Command System

- XI. Training and Implementation
 - a. Training Sources
 - b. Post Incident Analysis

- XII. EMS Incident Management in the Real World
 - a. Medical Operations During Hurricane Andrew
 - b. Medical Operations at The World Trade Center Bombing, March 1993

REQUIRED TEXTBOOK AND MATERIALS:

Textbook to be selected by instructor.

STATEMENT FOR STUDENTS WITH DISABILITIES:

Students who require academic accommodations due to any physical, psychological, or learning disability are encouraged to request assistance from a disability services counselor within the first two weeks of class. Likewise, students who potentially require emergency medical attention due to any chronic health condition are encouraged to disclose this information to a disability services counselor within the first two weeks of class. Counselors can be contacted by calling 686-3652 or by visiting the Student Development Office in the Phail Wynn Jr. Student Services Center, room 1309.