

EPT 220
TERRORISM & EMERGENCY MANAGEMENT

COURSE DESCRIPTION:

Prerequisites: None

Corequisites: None

This course covers preparing for, responding to, and safely mitigating terrorism incidents. Topics include the history of terrorism, scene hazards, evidence preservation, risk assessment, roles and responsibilities, explosive recognition, and terrorism planning. Upon completion, students should be able to recognize the threat of terrorism and operate within the emergency management framework at a terrorism incident.

Course Hours Per Week: Class, 3. Lab, 0, Semester Hours Credit 3.

COURSE OBJECTIVES:

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

- a. Understanding the history of terrorism
- b. Understanding emerging threats
- c. Recognizing Weapons of mass destruction
- d. Understanding Federal assets
- e. Describe the political constraints of terrorism
- f. Discuss crisis management and consequence management
- g. Understand Military coordination
- h. Understanding the planning process
- i. Discuss the Federal Response Plan
- j. Understand the importance of community preparedness for a chemical attack
- k. Recognize the characteristics of nerve agents
- l. Define the concept of biological warfare
- m. Understand the history of biological warfare
- n. Understand the concepts of biological threat assessment
- o. Discuss the three types of radiation
- p. Explain the difference between radiation exposure and contamination
- q. Understand the categories of explosives and their characteristics

OUTLINE OF INSTRUCTION:

- I. Terrorism: Meeting the Challenge
 - a. Organized Terrorism
 - b. Preparing for Threats Involving Weapons of Mass Destruction
 - c. Civil-Military Coordination
 - d. Mitigation of Individual Performance Degradation in Real Time As a Terrorist Event Evolves
- II. Basics of the Incident Management System
 - a. The History and Development of ICS
 - b. Crisis Management and Consequence Management
 - c. The Basic Structure of the ICS

III. Terrorism/Tactical Violence Incident Response Procedures

- a. Convergent Responders
- b. Scene Awareness
- c. Scene Control
- d. Medical Facility Response

IV. The Federal Response Plan

- a. The Scope of the Federal Response Plan
- b. The History of the Federal Response Plan
- c. Agency Responsibilities

V. Weapons of Mass Effect: Chemical Terrorism and Warfare Agents

- a. Delivery and Dissemination
- b. Nerve Agents
- c. Cyanide
- d. Vesicants

VI. Weapons of Mass Effect: Biological Terrorism

- a. History of Biological Agents as Weapons
- b. Threat Assessment
- c. Possible Biotoxins

VII. Weapons of Mass Effect: Radiation

- a. Characteristics of Radiation
- b. Radiation Health Effects
- c. First Responder Considerations

VIII. Weapons of Mass Effect: Explosives

- a. Explosive Physics
- b. Types of Explosives
- c. Safety Precautions

IX. Mass Casualty Decontamination

- a. Basic Principles of Decontamination
- b. Mass Casualty Decontamination
- c. Effects of Weather on Decontamination

REQUIRED TEXTBOOK AND MATERIALS:

Textbooks 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 919-536-7207, ext. 1413 or by visiting the Student Development Office in the Phail Wynn Jr. Student Services Center, room 1209.