

FIP 220
FIRE FIGHTING STRATEGIES

COURSE DESCRIPTION

Prerequisites: None

Corequisites: None

This course provides preparation for command of initial incident operations involving emergencies within both the public and private sector. Topics include incident management, fire-ground tactics and strategies, incident safety, and command/control of emergency operations. Upon completion, students should be able to describe the initial incident command system as it relates to operations involving various emergencies in fire and non-fire situations. In addition, students study fire strategies as they relate to selected NFPA standards. Course Hours Per Week: Class 3. Semester Hours Credit 3

COURSE OBJECTIVES:

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

- a. Assess the fire problem accurately.
- b. Determine the appropriate strategic response.
- c. Establish an organized plan of operations.
- d. Preplan a hazard site.
- e. Develop an operations plan.
- f. Exercise correct command procedures.
- g. Analyze a structural fire problem.
- h. Apply strategies to a high-rise fire.
- i. Apply strategies to an apartment fire.
- j. Apply strategies to a large commercial fire.
- k. Develop a major emergency response plan.
- l. Conduct a post-incident evaluation.

- a. Ladder Company Functions
 - b. Staffing a Company
 - c. Staffing Trials
 - d. Establishment of Rescue Companies
 - e. Influence on the Fire Service by the Insurance Industry
 - f. Progress in Firefighting
 - g. European Methods
- IV. Firefighting Strategy
- a. Personnel Requirements
 - b. Apparatus Response Time
 - c. Establishment of a Command Post
 - d. Span of Control
 - e. Incident Command System
- V. Firefighting Tactics
- a. Tactical Considerations
 - b. Location of the Fire
 - c. Extension Probability
 - d. Types of Fires
 - e. Analysis of the Fire Situation
- VI. The Action Plan - Working At A Fire
- a. Finding the Fire
 - b. Rescue, Search, Entry, Ventilation
 - c. Protection of Exposures
 - d. Safety
 - e. Communication
 - f. Salvage, Overhaul, Extinguishment
 - g. Cooperation of Other Agencies
- VII. Fireground Control and Coordination
- a. Stress Situations
 - b. Coordination
 - c. Tactical Errors and Weaknesses
 - d. Application of the Tactics
- VIII. Safety On The Fireground
- a. Building Collapse
 - b. Burns, Smoke Inhalation, Electrocutation
 - c. Safety and Building Collapse
 - d. Heat Hazard and Clothing
 - e. Clothing Limitations and Problems
 - f. Getting Lost
 - g. Critical Incident Stress
- IX. The Fire Building - Hindrance And Help
- a. Vertical Spread of Heat and Smoke

- b. Structural Failure
- c. Building Collapse
- d. Mill Construction
- e. Collapse from Water

- XVI. Special-Problem Fires
- a. High-Rise Fires
 - b. Transportation Fires
 - c. Hazardous Materials
 - d. Aircraft Fires
 - e. Fires In Places of Worship and Assembly
 - f. School Fires

REQUIRED TEXTBOOK AND MATERIALS:

Textbooks to be selected by instructor.

STATEMENT FOR STUDENTS WITH DISABILITIES:

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