

# FIRE 0177 - ALL-RISK COMMAND OPERATIONS FOR COMPANY OFFICERS - CO 2D

## Catalog Description

Prerequisite: Completion of California State Firefighter II educational requirements; completion of FIRE 173 and FIRE 241 with grades of "C" or better

Hours: 40 (24 lecture, 16 laboratory)

Description: Designed for the working firefighter. Provides information on conducting incident size-up; developing and implementing an initial plan of action involving single and multi-unit operations for various types of emergency incidents to mitigate the situation following agency safety procedures; conducting pre-incident planning; and developing and conducting a post-incident analysis. One of a series of courses required for Company Officer certification by California State Fire Training. (CSU-with unit limitation)

## Course Student Learning Outcomes

- CSLO #1: Describe the principles of command.
- CSLO #2: Evaluate emergency scene conditions and determine tactical priorities.
- CSLO #3: Identify national, state and local resources available for mitigation of emergencies.
- CSLO #4: Construct a post incident analysis.
- CSLO #5: Dramatize incident actions on various emergency situations.

## Effective Term

Fall 2019

## Course Type

Credit - Degree-applicable

## Contact Hours

40

## Outside of Class Hours

48

## Total Student Learning Hours

88

## Course Objectives

Lecture Objectives:

1. Describe principles of command.
2. Analyze and compare standard operating procedures for emergency operations.
3. Evaluate emergency scene conditions and determine tactical priorities.
4. Outline an incident action plan.
5. Describe elements of a post incident analysis.
6. Identify national, state and local resources available for mitigation of emergencies.

7. Identify command staff and unit supervision positions within the incident management system.

8. Describe how to correctly interpret response data to identify the reasons for service demands.

Laboratory Objectives:

1. Develop an incident action plan.
2. Assemble an incident action plan.
3. Dramatize incident actions on various emergency situations.
4. Construct a post incident analysis.
5. Formulate a written report outlining service demands and organizational service levels.

## General Education Information

- Approved College Associate Degree GE Applicability
- CSU GE Applicability (Recommended-requires CSU approval)
- Cal-GETC Applicability (Recommended - Requires External Approval)
- IGETC Applicability (Recommended-requires CSU/UC approval)

## Articulation Information

- CSU Transferable

## Methods of Evaluation

- Essay Examinations
  - Example: In a short essay, students will describe the strategic objectives for the company officer upon arrival at a multi-family dwelling fire. Grading based on a rubric created by the instructor and shared with students.
- Objective Examinations
  - Example: Students will be given a multiple-choice test on the incident management system. Standard grading. Example question: How many incident Command Posts should be at a large multi-jurisdictional incident? A. 1 B. 2 C. 3 D. As many as may be needed to mitigate the emergency.
- Problem Solving Examinations
  - Example: Students will use one of several hydraulic formulas for determining fire flow requirements for a 20,000 square foot building. Pass/ Fail grading based on industry standards.
- Skill Demonstrations
  - Example: Students will be provided a factual scenario involving a structure fire. The student will demonstrate the proper actions to command and control the emergency. Designed to identify a student's ability to address immediate problems, take and mitigate the emergency. Grading will be based upon a rubric.

## Repeatable

No

## Methods of Instruction

- Laboratory
- Lecture/Discussion
- Distance Learning

Lab:

1. The instructor will lecture on standard operating guidelines and provide examples of said guidelines. Students will then write a standard operating guideline for a given firefighting evolution.

Lecture:

1. The instructor will lead a discussion on ethical responsibility and command presence. Students will then work in small groups to develop a list ethical and command presence topics that may be observed on the fireground. The material will then be discussed with the rest of the class.

## Typical Out of Class Assignments

### Reading Assignments

1. Read the material in the textbook about "report on conditions" and then prepare an initial report on conditions for a provided fire scenario.
2. Read the chapter in the textbook on pre-incident planning and draft a pre-incident action plan.

### Writing, Problem Solving or Performance

1. Read the material in the textbook about "report on conditions" and then prepare an initial report on conditions for a provided fire scenario.
2. Read the chapter in the textbook on pre-incident planning and draft a pre-incident action plan.

### Other (Term projects, research papers, portfolios, etc.)

### Required Materials

- Fire Officer Principles and Practice
  - Author: Michael Ward, MGA FIFireE
  - Publisher: Jones and Bartlett
  - Publication Date: 2015
  - Text Edition: 3rd
  - Classic Textbook?:
  - OER Link:
  - OER:
- Field Operations Guide, ICS 420-1
  - Author: FEMA
  - Publisher: U.S. Fire Administration
  - Publication Date: 2010
  - Text Edition:
  - Classic Textbook?:
  - OER Link:
  - OER:

**Other materials and-or supplies required of students that contribute to the cost of the course.**