

**FIRE 83 Course Outline as of Spring 2020****CATALOG INFORMATION**

Dept and Nbr: FIRE 83 Title: ALL RISK COMMAND OPS

Full Title: All Risk Command Operations for Company Officers

Last Reviewed: 9/23/2019

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	2.00	Lecture Scheduled	10.00	4	Lecture Scheduled	40.00
Minimum	2.00	Lab Scheduled	0	2	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	10.00		Contact Total	40.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 80.00

Total Student Learning Hours: 120.00

Title 5 Category: AA Degree Applicable

Grading: P/NP Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly: FIRE 270.1

**Catalog Description:**

An overview of the information necessary to conduct incident size-up and the development and implementation of initial plan of action involving single and multi-unit operations for various types of emergency incidents as well as mitigating the situation following agency safety procedures, conducting pre-incident planning and developing and conducting a post-incident analysis. Upon successful completion, the student will be awarded a completion certificate from the State Board of Fire Services.

**Prerequisites/Corequisites:**

Completion of FIRE 85 AND FIRE 91 or equivalent as determined by the Dean of Public Safety Instruction

**Recommended Preparation:**

Eligibility for ENGL 100 or ESL 100 or equivalent

**Limits on Enrollment:**

Certified Fire Fighter II through CA State Fire Training

**Schedule of Classes Information:**

Description: An overview of the information necessary to conduct incident size-up and the development and implementation of initial plan of action involving single and multi-unit

operations for various types of emergency incidents as well as mitigating the situation following agency safety procedures, conducting pre-incident planning and developing and conducting a post-incident analysis. Upon successful completion, the student will be awarded a completion certificate from the State Board of Fire Services. (P/NP Only)

Prerequisites/Corequisites: Completion of FIRE 85 AND FIRE 91 or equivalent as determined by the Dean of Public Safety Instruction

Recommended: Eligibility for ENGL 100 or ESL 100 or equivalent

Limits on Enrollment: Certified Fire Fighter II through CA State Fire Training

Transfer Credit: CSU;

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>CSU Transfer:</b>	Transferable	Effective: Spring 2020	Inactive:
<b>UC Transfer:</b>		Effective:	Inactive:

### **CID:**

### **Certificate/Major Applicable:**

Both Certificate and Major Applicable

## **COURSE CONTENT**

### **Student Learning Outcomes:**

At the conclusion of this course, the student should be able to:

1. Demonstrate the communication skills needed for reporting incident conditions and commanding resources at an emergency incident.
2. Demonstrate the critical thinking, communication and decision making skills necessary to develop and implement a plan of action and manage an emergency.
3. Demonstrate the ability to communicate service demands and to identify the plans used to assist in their mitigation

### **Objectives:**

At the conclusion of this course, the student should be able to:

1. Identify course objectives, requirements, assignments, activities, evaluation methods and participation requirements
2. Identify the different levels and courses required for certification in the Fire Officer Tract and the capstone task book and testing process
3. Describe the duties of a Level I and II Company Officer and a Level I Wildland Fire Officer
4. Demonstrate the ability to develop an initial plan of action
5. Demonstrate the ability to implement a plan of action
6. Demonstrate the ability to develop and conduct a post-incident analysis
7. Identify the elements of operational plan used to obtain resources and implement plans in accordance with National Fire Protection Association (NFPA) 1600 to mitigate the incident
8. Demonstrate the ability to write a report identifying the causes of service demands within an agency's service area

## **Topics and Scope:**

### **I. Orientation and Administration**

- A. Review of facilities
- B. Review of classroom requirements
- C. Review of syllabus, participation, assignments and evaluation methods

### **II. Fire Officer Certification Track Course Requirements**

- A. Level I requirements
- B. Level II requirements
- C. The capstone task book process
- D. The capstone testing process

### **III. Duties of a Company (level I) Officer**

- A. Use of personnel to accomplish assignments
- B. Dealing with the community
- C. General administrative functions
- D. Supervising emergency operations
- E. Conducting inspections and investigations
- F. Implementing health and safety plans and procedures

### **IV. Developing an Initial Plan of Action**

- A. Principles of command
  - 1. Decision making
  - 2. Command presence
  - 3. Risk assessment
- B. Standard Operating Procedures (SOPs) for emergency operations
  - 1. Size-up
  - 2. Report on conditions
  - 3. Company operations
- C. Analysis of emergency scene conditions for various incidents
  - 1. Single family dwellings
  - 2. Multiple family dwellings
  - 3. Commercial occupancy fires
  - 4. Assembly occupancy fires
  - 5. Mid-rise and high-rise fires
  - 6. Multi-casualty incidents
  - 7. Technical rescue incidents
- D. Activating local emergency plans
- E. Allocating resources
- F. Components of the Incident Command System (ICS) 201 briefing form
- G. Effect of fire behavior in a structure

### **V. Implementing a Plan of Action**

- A. Resources available for the mitigation of an emergency
  - 1. Emergency resources
  - 2. Non-emergency resources
- B. Using an incident management system
- C. Scene safety considerations
- D. Mitigating scene safety hazards
- E. Personnel accountability systems
- F. Managing and accounting assigned personnel in emergency conditions
- G. Procedures for the transfer of command

### **VI. Developing and Conducting a Post-Incident Analysis**

- A. Elements of a Post-Incident Analysis

1. Strategy and tactics
  2. Safety issues
- B. Contributing factors for various incidents
- C. Departmental procedures
1. Dispatch
  2. Operations
  3. Customer service
- VII. Operational Plans Used to Mitigate Incidents
- A. National, state and local informational recourse available to mitigate emergency incidents
  - B. Command staff and unit supervision positions in the Incident management system
  - C. Components of NFPA 1600, Disaster/Emergency Management and Business Continuity Programs
- VIII. Writing Reports Identifying Service Demand Causes - Interpreting Response Data to Identify Reasons for Service Demands

**Assignment:**

1. Pre-course reading and writing assignments
2. Reading between class sessions (20 - 30 pages)
3. Role-playing activities including simulations and tabletop exercises (9 - 10)
4. Group problem solving scenarios (2 - 3)
5. Written exercises (ICS forms) (2 - 4)
6. Case studies (2 - 3)
7. Quizzes (2 - 4)
8. Summative exam

**Methods of Evaluation/Basis of Grade:**

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Pre-course writing assignments, written exercises	Writing 5 - 20%
<b>Problem Solving:</b> Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.	
Tabletop exercises and case studies	Problem solving 5 - 15%
<b>Skill Demonstrations:</b> All skill-based and physical demonstrations used for assessment purposes including skill performance exams.	
Problem solving scenarios, role-playing activities including simulations and table top exercises	Skill Demonstrations 5 - 15%
<b>Exams:</b> All forms of formal testing, other than skill performance exams.	
Quizzes and Summative Exam	Exams 60 - 75%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

Pre-course reading assignments

Other Category  
10 - 20%

**Representative Textbooks and Materials:**

Fire and Emergency Services Company Officer. 5th ed. IFSTA. 2014 (classic)

Fire Officer: Principles and Practices. 3rd. Ward, Michael. Jones and Bartlett. 2015 (classic)

FIRESCOPE Field Operations Guide ICS 420-1. 2012 (classic)

NFPA 1600, Standard on Disaster/Emergency Management and Business Continuity Programs. 2015 (classic)