

FT R230: ALL RISK COMMAND FOR COMPANY OFFICERS - 2D

Originator

michael_ketaily

Co-Contributor(s)
Name(s)

Jewett, Matthew (mjewett)

College

Oxnard College

Attach Support Documentation (as needed)

company-officer-2d-course-plan(1).pdf

Discipline (CB01A)

FT - Fire Technology

Course Number (CB01B)

R230

Course Title (CB02)

All Risk Command for Company Officers - 2D

Banner/Short Title

All Risk Command for CO

Credit Type

Credit

Honors

No

Start Term

Fall 2021

Catalog Course Description

This course is designed for the working firefighter. It 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. Students will learn 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.

Taxonomy of Programs (TOP) Code (CB03)

2133.00 - *Fire Technology

Course Credit Status (CB04)

D (Credit - Degree Applicable)

Course Transfer Status (CB05) (select one only)

B (Transferable to CSU only)

Course Basic Skills Status (CB08)

N - The Course is Not a Basic Skills Course

SAM Priority Code (CB09)

C - Clearly Occupational

Course Cooperative Work Experience Education Status (CB10)

N - Is Not Part of a Cooperative Work Experience Education Program

Course Classification Status (CB11)

Y - Credit Course

Educational Assistance Class Instruction (Approved Special Class) (CB13)

N - The Course is Not an Approved Special Class

Course Prior to Transfer Level (CB21)

Y - Not Applicable

Course Noncredit Category (CB22)

Y - Credit Course

Funding Agency Category (CB23)

Y - Not Applicable (Funding Not Used)

Course Program Status (CB24)

1 - Program Applicable

General Education Status (CB25)

Y - Not Applicable

Support Course Status (CB26)

N - Course is not a support course

Field trips

Will not be required

Grading method

(L) Letter Graded

Alternate grading methods

(E) Credit by exam, license, etc.

Does this course require an instructional materials fee?

Yes

Fee Amount

140.00

What personal property or material does the student need that the fee pays for?

1 @ \$140.00 each registration/certification fee paid to State of California Fire Marshal (California Fire Service Training and Education System - CFSTES).

Identify a specific course objective that cannot be met but for the use of the materials at issue.

Certificates contribute to the professional growth of the firefighter pursuing the Company Officer certification.

Describe how the material has continuing value outside the classroom.

Industry certifications stay with the student for life and aid in the job placement and career advancement of the student.

Is the amount of materials the students must supply, or the amount that they receive in exchange for the fee that is charged, consistent with the amount of material necessary to meet the required objectives of the course?

Yes

If students pay a fee rather than furnishing their own materials, why do they have to pay a fee rather than supply the materials themselves? Is the district/college the only source of the materials? If not, is there a health or safety reason for the district/college to supply the materials? If not, will the district/college supply the materials more cheaply than they can be obtained elsewhere, AND at the district's/college's actual cost?

This is a State Fire Marshal Accredited Course with a required registration fee. Students cannot register with the Fire Marshal directly and required materials are distributed to students at the first class meeting.

Specify the month and year in which the fee amount, or list of material provided, was reviewed by the host department to ensure that the preceding standards continue to be met.

November, 2020

Repeatable for Credit

No

Is this course part of a family?

No

Units and Hours

Carnegie Unit Override

No

In-Class

Lecture

Minimum Contact/In-Class Lecture Hours

40

Maximum Contact/In-Class Lecture Hours

40

Activity

Laboratory

Total in-Class

Total in-Class

Total Minimum Contact/In-Class Hours

40

Total Maximum Contact/In-Class Hours

40

Outside-of-Class

Internship/Cooperative Work Experience

Paid

Unpaid

Total Outside-of-Class

Total Outside-of-Class

Minimum Outside-of-Class Hours

80

Maximum Outside-of-Class Hours

80

Total Student Learning

Total Student Learning

Total Minimum Student Learning Hours

120

Total Maximum Student Learning Hours

120

Minimum Units (CB07)

2

Maximum Units (CB06)

2

Prerequisites

FT R231 and FT R232

Limitations on Enrollment

Others (specify)

Other Limitations on Enrollment

Meets the educational requirements of Fire Fighter II or four (4) years as a career fire fighter, or six (6) years as a volunteer fire fighter.

Entrance Skills

Entrance Skills

Students will have a thorough understanding of the Incident Command System. Students shall have knowledge of company placement, strategies, tactics and safety while operating at emergency incidents.

Entrance Skills

Haz Mat skill here.

Requisite Justification

Requisite Type

Prerequisite

Requisite

FT R231

Requisite Description

Course in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

FT R232

Requisite Description

Course in a sequence

Level of Scrutiny/Justification

Content review

Student Learning Outcomes (CSLOs)

Upon satisfactory completion of the course, students will 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.

Course Objectives

Upon satisfactory completion of the course, students will be able to:

-
- 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.

Course Content

Lecture/Course Content

- 1. Initial Plan of Action
 - a. Principles of command
 - i. Decision making
 - ii. Command presence
 - iii. Risk assessment
 - b. Standard operating procedures for emergency operations
 - i. Size-up
 - ii. Report on conditions
 - iii. Company operations
 - c. Emergency scene conditions and determine tactical priorities for the following kinds of incidents:
 - i. Single-family dwelling fires
 - ii. Multiple-family dwelling fires
 - iii. Commercial fires
 - iv. Assembly fires
 - v. Mid-rise and high-rise fires
 - vi. Multi-casualty incidents
 - vii. Technical rescue
 - d. Activating the local emergency plan, including localized evacuation procedures
 - e. Allocation of resources
 - f. Components of the ICS 201 Briefing form
 - g. Effect of fire behavior within a structure
- 2. Implementing a Plan of Action
 - a. Resources available for the mitigation of fire and other emergency incidents, including nonemergency resources.
 - b. Incident management system
 - c. Scene safety considerations
 - d. Mitigations for scene safety hazards
 - e. Personnel accountability systems
 - f. Management of assigned personnel under emergency conditions
 - g. Account for assigned personnel under emergency conditions
 - h. Procedure for the transfer of command
- 3. Post-incident Analysis
 - a. Elements of a post-incident analysis
 - i. Strategy and tactics
 - ii. Safety issues
 - b. Contributing factors for various incidents
 - c. Departmental procedures relating to:

- i. Dispatch
 - ii. Operations
 - iii. Customer service
4. Elements of an Operational Plan to Mitigate an Incident
 - a. National, state/provincial, and local information resources available for the mitigation of emergency incidents
 - b. Command staff and unit supervision positions within the Incident Management System
 - c. Components of NFPA 1600, Disaster/Emergency Management and Business Continuity Programs
5. Identifying Service Demand Causes
 - a. Response data to identify the reasons for service demands

Laboratory or Activity Content

None

Methods of Evaluation

Which of these methods will students use to demonstrate proficiency in the subject matter of this course? (Check all that apply):

Problem solving exercises
Written expression

Methods of Evaluation may include, but are not limited to, the following typical classroom assessment techniques/required assignments (check as many as are deemed appropriate):

Essay exams
Group projects
Individual projects
Objective exams
Oral presentations
Problem-solving exams
Quizzes
Role playing
Reports/papers
Research papers
Simulations

Instructional Methodology

Specify the methods of instruction that may be employed in this course

Audio-visual presentations
Class activities
Case studies
Distance Education
Group discussions
Instructor-guided interpretation and analysis
Role-playing

Describe specific examples of the methods the instructor will use:

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.
2. 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.

Representative Course Assignments

Writing Assignments

1. Prepare a list of responsibilities of an incident commander.
2. Write a post-incident analysis of a recent emergency and/or of a classroom simulation.
3. In a short essay, students will describe the strategic objectives for the company officer upon arrival at a multi-family dwelling fire.

Critical Thinking Assignments

1. Students will use one of several hydraulic formulas for determining fire flow requirements for a 20,000 square foot building.
2. Students will develop strategies and tactics to fight fire in an "L" shaped mini mall.
3. Students will develop and ICS system to handle a Multi-Casualty Incident.

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.

Skills Demonstrations

1. 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.

Outside Assignments**Representative Outside Assignments**

1. Prepare a divisional budget that will support a Battalion wide search and rescue exercise.
2. Prepare a news release on the impact of pandemic disaster.
3. Conduct a simulated fire investigation at place of residence.

Articulation**C-ID Descriptor Number**

FIRE 230 X

Status

Aligned

District General Education

A. Natural Sciences

B. Social and Behavioral Sciences

C. Humanities

D. Language and Rationality

E. Health and Physical Education/Kinesiology

F. Ethnic Studies/Gender Studies

CSU GE-Breadth

Area A: English Language Communication and Critical Thinking

Area B: Scientific Inquiry and Quantitative Reasoning

Area C: Arts and Humanities

Area D: Social Sciences

Area E: Lifelong Learning and Self-Development

Area F: Ethnic Studies

CSU Graduation Requirement in U.S. History, Constitution and American Ideals:

IGETC

Area 1: English Communication

Area 2A: Mathematical Concepts & Quantitative Reasoning

Area 3: Arts and Humanities

Area 4: Social and Behavioral Sciences

Area 5: Physical and Biological Sciences

Area 6: Languages Other than English (LOTE)

Textbooks and Lab Manuals

Resource Type

Textbook

Classic Textbook

No

Description

International Fire Service Training Association. *Fire and Emergency Services Company Officer*. 5th ed., Fire Protection Publications, 2014. Most recent edition available. Phoenix AZ

Resource Type

Textbook

Classic Textbook

No

Description

Ward, Michael J. *Fire Officer: Principles and Practice*. Jones & Bartlett Learning, 2019.

Library Resources

Sufficient Library Resources exist

Yes

Distance Education Addendum

Definitions

Distance Education Modalities

- Hybrid (51%–99% online)
- Hybrid (1%–50% online)
- 100% online

Faculty Certifications

Faculty assigned to teach Hybrid or Fully Online sections of this course will receive training in how to satisfy the Federal and state regulations governing regular effective/substantive contact for distance education. The training will include common elements in the district-supported learning management system (LMS), online teaching methods, regular effective/substantive contact, and best practices.

Yes

Faculty assigned to teach Hybrid or Fully Online sections of this course will meet with the EAC Alternate Media Specialist to ensure that the course content meets the required Federal and state accessibility standards for access by students with disabilities. Common areas for discussion include accessibility of PDF files, images, captioning of videos, Power Point presentations, math and scientific notation, and ensuring the use of style mark-up in Word documents.

Yes

Regular Effective/Substantive Contact

Hybrid (1%–50% online) Modality:

Method of Instruction	Document typical activities or assignments for each method of instruction
Asynchronous Dialog (e.g., discussion board)	Students will post on a discussion board and reply to two other student posts.
Synchronous Dialog (e.g., online chat)	Students will share their thoughts of the online lecture in an online chat with their classmates.
Synchronous Dialog (e.g., online chat)	Instructor will utilize fire simulator to provide real-life scenarios. Students will make decisions on company placement, strategies, tactics and overall safety.
Asynchronous Dialog (e.g., discussion board)	Instructor will post a scenario to Discussion Board. Students will develop and post their own solutions. Students will also be required to post a comment on another student's post.

Hybrid (51%–99% online) Modality:

Method of Instruction	Document typical activities or assignments for each method of instruction
Asynchronous Dialog (e.g., discussion board)	Students will post on a discussion board and reply to two other student posts.
Synchronous Dialog (e.g., online chat)	Students will share their thoughts of the online lecture in an online chat with their classmates.
Other DE (e.g., recorded lectures)	Students will view online lecture through the District LMS.
Synchronous Dialog (e.g., online chat)	Instructor will utilize fire simulator to provide real-life scenarios. Students will make decisions on company placement, strategies, tactics and overall safety.

Asynchronous Dialog (e.g., discussion board) Instructor will post a scenario to Discussion Board. Students will develop and post their own solutions. Students will also be required to post a comment on another student's post.

100% online Modality:

Method of Instruction	Document typical activities or assignments for each method of instruction
Asynchronous Dialog (e.g., discussion board)	Students will post on a discussion board and reply to two other student posts.
Other DE (e.g., recorded lectures)	Students will share their thoughts of the online lecture in an online chat with their classmates.
Synchronous Dialog (e.g., online chat)	Instructor will utilize fire simulator to provide real-life scenarios. Students will make decisions on company placement, strategies, tactics and overall safety.
Asynchronous Dialog (e.g., discussion board)	Instructor will post a scenario to Discussion Board. Students will develop and post their own solutions. Students will also be required to post a comment on another student's post.
Synchronous Dialog (e.g., online chat)	Instructor will give Emergency Incident Information via Zoom breakout students to develop and present solutions to problems.

Examinations

Hybrid (1%–50% online) Modality

Online
On campus

Hybrid (51%–99% online) Modality

Online
On campus

Primary Minimum Qualification

FIRE TECHNOLOGY

Review and Approval Dates

Department Chair

09/09/2020

Dean

09/09/2020

Technical Review

09/23/2020

Curriculum Committee

09/23/2020

DTRW-I

10/08/2020

Curriculum Committee

10/14/2020

Board

11/10/2020

CCCCO

11/15/2020

Control Number

CCC000620121

DOE/accreditation approval date

MM/DD/YYYY