

CSFM 083C: COMPANY OFFICER 2C: FIRE INSPECTIONS AND INVESTIGATIONS

Originator

camiller

Justification / Rationale

Fixing syncing issue. See T.A. - Periodic course review - textbook update

Effective Term

Fall 2024

Credit Status

Credit - Degree Applicable

Subject

CSFM - California State Fire Marshal

Course Number

083C

Full Course Title

Company Officer 2C: Fire Inspections and Investigations

Short Title

COMPANY OFFICER 2C

Discipline**Disciplines List**

Fire Technology

Modality

Face-to-Face

100% Online

Hybrid

Catalog Description

This course provides information on conducting inspections, identifying hazards and addressing violations, performing a fire investigation to determine preliminary cause and securing the incident scene and preserving evidence. Upon successful completion of the course, a CSFM diploma fee of \$140 is required for this course to cover the California State Fire Training Certificate of Completion.

Schedule Description

This course provides information on conducting inspections, identifying hazards and addressing violations, performing a fire investigation to determine preliminary cause and securing the incident scene and preserving evidence. Upon successful completion of the course, a CSFM diploma fee of \$140 is required for this course to cover the California State Fire Training Certificate of Completion.

Limitation on Enrollment: Must meet the educational requirements for Fire Fighter II as stated in the California State Fire Training certification process.

Lecture Units

2

Lecture Semester Hours

40

Lab Units

0

In-class Hours

40

Out-of-class Hours

80

Total Course Units

2

Total Semester Hours

120

Override Description

per State Fire Marshal curriculum

Limitation on Enrollment

Must meet the educational requirements for Fire Fighter II as stated in the California State Fire Training certification process.

Required Text and Other Instructional Materials**Resource Type**

Book

Open Educational Resource

No

Author

Ward, Michael J.

Title

Fire Officer: Principles and Practice

Edition

Fourth

City

Burlington, MA

Publisher

Jones Bartlett

Year

2021

College Level

Yes

Flesch-Kincaid Level

12

ISBN #

9781284172393

Resource Type

Web/Other

DescriptionCalifornia Fire Inspector's Guide <http://www.calchiefs.org/>

Class Size Maximum

30

Course Content

1. Introduction
 - a. Orientation and Administration
 - b. Fire Officer Certification Process
 - c. Definition of Duty
2. Fire and Life Safety Inspections
 - a. Describing Fire Inspection Procedures
 - b. Identifying Features that Prevent or Contribute to Fire Spread
3. Fire Investigation
 - a. Securing Incident Scenes
 - b. Determining the Origin and Cause

Course Objectives

| Objectives | |
|-------------|---|
| Objective 1 | Identify the different levels in the Fire Officer certification track. |
| Objective 2 | Identify the different levels of certification this Company Officer certification track. |
| Objective 3 | Explain when to request a fire investigator. |
| Objective 4 | Describe how to find the point of origin of a fire. |
| Objective 5 | Discuss the legal considerations of fire cause determination. |
| Objective 6 | Demonstrate how to secure a fire scene to prevent unauthorized persons from entering the incident scene. |
| Objective 7 | Describe a fire inspection procedure for a commercial building. |
| Objective 8 | Identify construction, alarm, detection, and suppression features that contribute to the spread of fire from one building to another. |

Student Learning Outcomes

| Upon satisfactory completion of this course, students will be able to: | |
|--|---|
| Outcome 1 | Describe basic fire cause and origin determination. |
| Outcome 2 | Explain fire inspection procedures during a commercial building inspection. |

Methods of Instruction

| Method | Please provide a description or examples of how each instructional method will be used in this course. |
|---------------|--|
| Activity | Conduct a fire life safety inspection of an occupancy. |
| Role Playing | role playing |
| Participation | participation |
| Lecture | lecture |
| Discussion | discussion |

Methods of Evaluation

| Method | Please provide a description or examples of how each evaluation method will be used in this course. | Type of Assignment |
|--|---|---------------------|
| College level or pre-collegiate essays | essays | In and Out of Class |
| Student participation/contribution | student participation | In and Out of Class |
| Mid-term and final evaluations | mid-term & final evaluations | In Class Only |
| Tests/Quizzes/Examinations | test | In Class Only |
| Group activity participation/observation | group activity | In Class Only |
| Presentations/student demonstration observations | presentations | In Class Only |
| Field/physical activity observations | field/physical activity observations | In Class Only |
| Written homework | written homework | Out of Class Only |

Assignments

Other In-class Assignments

1. Analyze case studies from the following:
 - a. Course textbook(s)
2. Reference the following sources for class activities:
 - a. Course textbook
3. Conduct a fire life safety inspection of an occupancy, asking students to record their findings and present them in class.

Other Out-of-class Assignments

1. Reading assignments are required and may include but, are not limited to, the following:
 - a. Course textbook(s)
 - b. Writing Assignment
2. Develop a preincident plan that includes:
 - a. Building construction
 - b. Fire protection systems and features
 - c. Fuel Loading
 - d. Special hazards and safety concerns
 - e. Utility control locations
 - f. Ventilation systems
 - g. Water supplies

Grade Methods

Pass/No Pass Only

Distance Education Checklist

Include the percentage of online and on-campus instruction you anticipate.

Online %

50

On-campus %

50

Instructional Materials and Resources

If you use any other technologies in addition to the college LMS, what other technologies will you use and how are you ensuring student data security?

None

Effective Student/Faculty Contact

Which of the following methods of regular, timely, and effective student/faculty contact will be used in this course?

Within Course Management System:

Online quizzes and examinations
Regular virtual office hours
Timely feedback and return of student work as specified in the syllabus
Video or audio feedback

External to Course Management System:

Synchronous audio/video

For hybrid courses:

Scheduled Face-to-Face group or individual meetings

Briefly discuss how the selected strategies above will be used to maintain Regular Effective Contact in the course.

In the hybrid format, students will be given reading and research assignments that will be discussed through the use of zoom or via face-to-face meetings. Lectures will be conducted through zoom, with the ability for students to ask questions and interact with the instructor. The LMS will host all assessments so that feedback can be timely and accessible at any time. Office hours will be offered

with an instructor available for any questions the students may have. Additionally, the online portion of the hybrid class will be via zoom in a synchronous modality. This is a requirement through State Fire Training, our accrediting agency.

If interacting with students outside the LMS, explain how additional interactions with students outside the LMS will enhance student learning.

Zoom will be used for synchronous audio and visual interaction with the instructor. Lectures will be delivered in this format, as well as hosted discussions.

Other Information

Provide any other relevant information that will help the Curriculum Committee assess the viability of offering this course in an online or hybrid modality.

This course is typically an in-person class. State Fire Training has designated certain accredited training centers, including College of the Desert, to offer the course in an online format. In order to meet State Fire Training's requirements, all elements that are online must be in a synchronous modality with an LMS like Canvas. For the hybrid course, this means that the online portions will need to be synchronous.

MIS Course Data

CIP Code

43.0201 - Fire Prevention and Safety Technology/Technician.

TOP Code

213300 - Fire Technology

SAM Code

C - Clearly Occupational

Basic Skills Status

Not Basic Skills

Prior College Level

Not applicable

Cooperative Work Experience

Not a Coop Course

Course Classification Status

Credit Course

Approved Special Class

Not special class

Noncredit Category

Not Applicable, Credit Course

Funding Agency Category

Not Applicable

Program Status

Program Applicable

Transfer Status

Not transferable

General Education Status

Y = Not applicable

Support Course Status

N = Course is not a support course

C-ID

FIRE 220 X

Allow Audit

Yes

Repeatability

No

Materials Fee

No

Additional Fees?

Yes

Additional Fee Amount

\$140.00

Additional Fees Description

State Fire Training Diploma Fee

Approvals**Curriculum Committee Approval Date**

02/16/2023

Academic Senate Approval Date

02/23/2023

Board of Trustees Approval Date

04/21/2023

Chancellor's Office Approval Date

6/26/2020

Course Control Number

CCC000576955

Programs referencing this courseFire Technology Certificate of Achievement (<http://catalog.collegeofthedesert.eduundefined/?key=146>)Fire Technology AS Degree (employment preparation) (<http://catalog.collegeofthedesert.eduundefined/?key=63>)