

# CSFM 085D: FIRE INSPECTOR 1D: FIELD INSPECTION- CALIFORNIA SPECIFIC

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Date Submitted: Sat, 27 Jun 2020 00:48:57 GMT

**Originator**

asventura

**Justification / Rationale**

Periodic course review. The last time the state increased these fees was in 2008. SFT has new diploma fee increases that will go into effect on July 1, 2020.

**Effective Term**

Fall 2020

**Credit Status**

Credit - Degree Applicable

**Subject**

CSFM - California State Fire Marshal

**Course Number**

085D

**Full Course Title**

Fire Inspector 1D: Field Inspection- California Specific

**Short Title**

FIRE INSPECTOR 1D

**Discipline****Disciplines List**

Fire Technology

**Modality**

Face-to-Face  
Hybrid

**Catalog Description**

This course provides students with a basic knowledge of a Fire Fighter I's field inspection roles and responsibilities specific to California including tents, canopies, and temporary membrane structures; fireworks and explosives; and wildland urban interface environments. Upon successful completion of the course, a CSFM diploma fee of \$140 is required to cover the California State Fire Training Certificate of Completion.

**Schedule Description**

This course provides students with a basic knowledge of a Fire Fighter I's field inspection roles and responsibilities specific to California including tents, canopies, and temporary membrane structures; fireworks and explosives; and wildland urban interface environments. Upon successful completion of the course, a CSFM diploma fee of \$140 is required to cover the California State Fire Training Certificate of Completion. Prerequisite: CSFM 085C

**Lecture Units**

1

**Lecture Semester Hours**

18

**Lab Units**

0

**In-class Hours**

18

**Out-of-class Hours**

36

**Total Course Units**

1

**Total Semester Hours**

54

**Prerequisite Course(s)**

CSFM 085C

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

Book

**Author**

None

**Title**

2013 California Fire Code (with Title 19 excerpts)

**Edition**

2013

**Publisher**

California Building Standards Commission

**Year**

2013

**College Level**

Yes

**Flesch-Kincaid Level**

12

**ISBN #**

9781609834609

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**Resource Type**

Book

**Author**

None

**Title**

2013 California Building Code

**Edition**

2013

**Publisher**

California Building Standards Commission

**Year**

2013

**College Level**

Yes

**Flesch-Kincaid Level**

12

**ISBN #**

9781609834579

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**Resource Type**

Web/Other

**Description**

California Public Resources Code 4290 and 4291 and Government Codes 51175 through 51189(State of California, <http://leginfo.legislature.ca.gov/faces/codes.xhtml>)

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**Resource Type**

Web/Other

**Description**

Laws and Regulations for Transportation, Use, and Storage of Fireworks in California(Office of the State Fire Marshall, <http://osfm.fire.ca.gov/strucfireengineer/pdf/fireworks/FireworksHandbook2011.pdf>)October 2010

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**Resource Type**

Web/Other

**Description**

NFPA 1126: Standard for the Use of Pyrotechnics Before a Proximate Audience(National Fire Protection Association, 2011 edition, ISBN: 9780685649626)

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**Resource Type**

Web/Other

**Description**

NFPA 1123: Code for Fireworks Display (National Fire Protection Association, 2010 edition, ISBN: 1110000037363)

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**Resource Type**

Web/Other

**Description**

California Code of Regulations (CCR) Title 14 and Title 19(Office of Administrative Law, [www.oal.ca.gov/publications.htm](http://www.oal.ca.gov/publications.htm))

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**Class Size Maximum**

30

**Entrance Skills**

Read, comprehend and summarize content from CSFM 085C.

**Requisite Course Objectives**

CSFM 085C-Identify fire protection symbols and terminology associated with plans for fire protection systems.

CSFM 085C-Discuss codes and standards applicable to emergency access.

CSFM 085C-Identify the components and operation of fire detection and alarm systems and devices.

CSFM 085C-Identify codes and standards applicable to portable fire extinguishers.

CSFM 085C-Discuss the chemical properties of liquids, gases, and solids.

CSFM 085C-Identify the classification of hazardous materials.

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**Course Content**

1. Introduction
  - a. Orientation and Administration
  - b. Fire Marshal Certification Process
2. Tents, Canopies, and Temporary Membrane Structures
  - a. Inspecting tents, canopies, and Temporary Membrane Structures
3. Fireworks and Explosives
  - a. Inspecting Safe and Sane Fireworks Retail Stands
  - b. Inspecting Public Fireworks Displays
  - c. Inspecting Proximate Fireworks Displays
4. Wildland Urban Interface
  - a. Inspecting Exterior Hazard Abatement on an Existing Property

**Course Objectives**

	<b>Objectives</b>
Objective 1	Identify different levels in the Fire Marshal certification track and the courses and requirements for Fire Inspector I certification, and be able to describe the capstone task book and testing process.
Objective 2	Inspect a tent, canopy, or temporary membrane structure to verify that it complies with applicable codes and standards.
Objective 3	Interpret the California state requirements for tents, canopies and other temporary membrane structures. (10 persons or greater)
Objective 4	Evaluate a safe and sane fireworks stand in order to verify that fireworks displays and storage comply with applicable codes and standards.
Objective 5	List the fireworks classifications.
Objective 6	Describe types of licenses and permits required for fireworks storage and display.
Objective 7	Describe fire and life safety aspects related to public fireworks displays.
Objective 8	Identify codes and standards applicable to proximate fireworks or special effects displays.
Objective 9	Apply codes and standards related to public fireworks displays.
Objective 10	Discuss the history of fire in the California wildland urban interface environment.
Objective 11	Analyze factors impacting wildland fire behavior.
Objective 12	Differentiate methods for dealing with fire hazards associated with wildland urban interface environment.
Objective 13	Explain the components of a vegetation management plan.

**Student Learning Outcomes**

	<b>Upon satisfactory completion of this course, students will be able to:</b>
Outcome 1	Describe methods for dealing with fire hazards associated with field inspection roles and responsibilities that are only specific to California.

**Methods of Instruction**

<b>Method</b>	<b>Please provide a description or examples of how each instructional method will be used in this course.</b>
Activity	In class scenario based activities
Role Playing	Student based role playing
Participation	Question and Answer activities
Lecture	Lecture and power point presentation methods for dealing with fire hazards associated with wildland urban interface environment.
Discussion	Wild land Interface and California Fireworks

**Methods of Evaluation**

Method	Please provide a description or examples of how each evaluation method will be used in this course.	Type of Assignment
Written homework	Read text and complete assignments	Out of Class Only
Student participation/contribution	Discuss fire hazards associated with wild land urban interface environment	In Class Only
Mid-term and final evaluations	CSFM final exam	In Class Only
Group activity participation/observation	Discuss California specific fire codes and standards related to public fireworks displays, tents, canopies, temporary membrane structures, and wildland urban interface areas	In Class Only
Tests/Quizzes/Examinations	Complete assignments to interpret the California state requirements for tents, canopies and other temporary membrane structures. (10 persons or greater)	In and Out of Class

**Assignments**
**Other In-class Assignments**

1. Analyze specific content from the following:
  - a. California Building Code
  - b. California Fire Code
  - c. Title 19
2. Discuss case studies from the following:
  - a. NFPA 1123: Code for Fireworks Display
  - b. NFPA 1126: Standard for the Use of Pyrotechnics
  - c. Laws and Regulations for Transportation, Use, and Storage of Fireworks in California

**Other Out-of-class Assignments**

1. Reading assignments and research are required and may include but, are not limited to, the following in preparation for the CSFM final exam:
  - a. California Building Code
  - b. California Fire Code
  - c. Title 19
  - d. NFPA 1123: Code for Fireworks Display
  - e. NFPA 1126: Standard for the Use of Pyrotechnics
  - f. Laws and Regulations for Transportation, Use, and Storage of Fireworks in California
2. Read California State requirements for tents, canopies and other temporary membrane structures. (10 persons or greater)
3. Read Fire codes and standards related to public fireworks displays.
4. Review methods for dealing with fire hazards associated with wildland urban interface environment.
5. Research and prepare for in class presentation assignment
6. CSFM final exam preparation pertaining to the following California specific fire codes:
  - a. Tents, Canopies, and Temporary Membrane Structures
  - b. Fireworks and Explosives
  - c. Wildland Urban Interface inspections and requirements

**Grade Methods**

Pass/No Pass Only

**Distance Education Checklist**

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

**Online %**

49

**On-campus %**

51

## 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?**

May use Zoom to encourage group or individual online meetings or discussions. Student data security will not be affected.

**If used, explain how specific materials and resources outside the LMS will be used to enhance student learning.**

Zoom will provide instructor/student and student/student interactions in the course. It will provide opportunity for video interactions in a virtual classroom.

## 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:

Timely feedback and return of student work as specified in the syllabus  
Discussion forums with substantive instructor participation  
Regular virtual office hours  
Online quizzes and examinations  
Video or audio feedback  
Weekly announcements

### External to Course Management System:

Direct e-mail  
Posted audio/video (including YouTube, 3cm mediasolutions, etc.)  
Teleconferencing  
Telephone contact/voicemail

### For hybrid courses:

Scheduled Face-to-Face group or individual meetings  
Field trips  
Orientation, study, and/or review sessions

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

Use of the selected strategies provide instructor/student interactions throughout the course. Effective contact will occur throughout the course by way of announcements, comments provided when grading assignments, video responses, interactive group discussions with the instructor providing feedback, emails, and phone calls.

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

Phone calls with students provide immediate feedback or clarification when assignments are not fully understood.

## Other Information

### 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

**Program Status**

Program Applicable

**Transfer Status**

Not transferable

**General Education Status**

Not applicable

**Support Course Status**

Course is not a support course

**Allow Audit**

No

**Repeatability**

No

**Materials Fee**

No

**Additional Fees?**

Yes

**Additional Fee Amount**

\$140.00

**Additional Fees Description**

California State Fire Marshal Diploma Fee

**Approvals****Curriculum Committee Approval Date**

5/05/2020

**Academic Senate Approval Date**

5/14/2020

**Board of Trustees Approval Date**

6/18/2020

**Chancellor's Office Approval Date**

6/26/2020

**Course Control Number**

CCC000576956

**Programs referencing this course**Fire Technology Certificate of Achievement (<http://catalog.collegeofthedesert.eduundefined?key=146/>)