



Statutes and Regulations

Course Plan

Course Details

Description:	This course provides hands-on training. Topics include codes, standards and local amendments, site-plan review, building construction and characteristics, fire protection equipment, multi-family occupancies, commercial buildings, care facilities, drinking/dining facilities, shopping malls, and high-rise buildings.
Designed For:	Fire chiefs, fire prevention personnel, building officials, and related design professionals.
Authority:	Office of the State Fire Marshal
Prerequisites:	None
Standard:	N/A
Hours:	16 hours
Maximum Class Size:	50
Instructor Level:	Primary instructor
Instructor/Student Ratio:	Lecture: 1 primary instructor per 25 students
Restrictions:	This course is scheduled and taught by OSFM staff only.
SFT Designation:	FSTEP

Required Resources

Instructor Resources

To teach this course, instructors need:

Required

- Title 19 : Public Safety (Barclays , Current edition)
- California Fire Laws (LexisNexis, Current edition)
- Title 24 : Part 2 - California Building Code (International Code Council, Current edition)
- Title 24 : Part 9 - California Fire Code (International Code Council, Current edition)
- IBC Code and Commentary (International Code Council, Current edition)
- IFC Code and Commentary (International Code Council, Current edition)

Student Resources

There are no required student resources for this course.

Facilities, Equipment, and Personnel

The following facilities, equipment, or personnel are required to deliver this course:

Facilities

- Standard classroom equipped for 50 students
- Whiteboards or easel pads with appropriate writing implements
- Projector/TV with appropriate laptop connections
- Wifi/Internet access

Time Table

Segment	Lecture	Application	Unit Total
Unit 1: Introduction			
Topic 1-1: Orientation and Administration	0.5	0.0	
Topic 1-2: Assessment Quiz	0.5	0.0	
Topic 1-3: Office of the State Fire Marshal Overview	1.0	0.0	
Unit 1 Totals	2.0	0.0	2.0
Unit 2: Laws and Regulations			
Topic 2-1: California Laws and Regulations	2.0	0.0	
Topic 2-2: California Building Code	1.0	0.0	
Topic 2-3: Local Authority	1.0	0.0	
Topic 2-4 Mandated Inspections	1.0	0.0	
Unit 2 Totals	5.0	0.0	5.0
Unit 3: Title 24			
Topic 3-1: Code Adoption Process	1.0	0.0	
Topic 3-2: California Building Code	3.0	0.0	
Topic 3-3: California Fire Code	1.0	0.0	
Unit 3 Totals	5.0	0.0	5.0
Unit 4: Title 19			
Topic 4-1: General Fire and Panic Safety Standards	1.0	0.0	
Topic 4-2: Tents, Awnings & other Fabric Enclosures	1.0	0.0	
Topic 4-3: Fire Extinguishers, Fire Alarms, Automatic Fire Extinguishing Systems	1.0	0.0	
Topic 4-4: Fireworks	1.0	0.0	
Unit 4 Totals	4.0	0.0	4.0
Unit 5: Health and Safety			
Topic 5-1: Decontamination and Equipment Maintenance	1.0	0.0	
Topic 5-2: Reporting Exposure, Injury, and Damaged Equipment	1.0	0.0	
Unit 5 Totals	2.0	0.0	2.0
Course Totals	16.0	0.0	16.0

Time Table Key

1. The Time Table documents the amount of time required to deliver the content included in the course plan.
2. Time is documented using the quarter system: 15 min. = .25 / 30 min. = .50 / 45 min. = .75 / 60 min. = 1.0.

3. The Course Totals do not reflect time for lunch (1 hour) or breaks (10 minutes per each 50 minutes of instruction or assessment). It is the instructor's responsibility to add this time based on the course delivery schedule.
4. Application (activities, skills exercises, and formative testing) time will vary depending on the number of students enrolled and the acquired structure selected for training. The Application time documented is based on the maximum class size identified in the Course Details section.
5. Summative Assessments are determined and scheduled by the authority having jurisdiction. These are not the written or psychomotor State Fire Training certification exams. These are in-class assessments to evaluate student progress and calculate course grades.

Unit 1: Introduction

Terminal Learning Objective

With the instruction provided in this topic the student will, with a high degree of accuracy, be familiar with course administration requirements for successful completion. The student will also be familiar with the organization and background of the Office of the State Fire Marshal.

Enabling Learning Objectives

1. Describe the course, including course objectives, syllabus, and major topics.
2. Understand and describe the history and responsibilities of the Office of the State Fire Marshal.

Discussion Questions

1. Determined by instructor

Application

1. Determined by instructor

Unit 2: Laws and Regulations

Terminal Learning Objective

With the instruction provided in this topic the student will, with a high degree of accuracy, be familiar with the laws and regulations that pertain to fire and life safety.

Enabling Learning Objectives

1. Understand and describe the California Laws and regulations that relate to fire and life safety.
2. Understand and describe the State Fire Marshal's Authority.
3. Understand and describe the Local Authority and the State Fire Marshal's delegation of authority.
4. Understand and describe mandated inspections.

Discussion Questions

1. Determined by instructor

Application

2. Determined by instructor

Unit 3: Title 24

Terminal Learning Objective

With the instruction provided in this topic the student will, with a high degree of accuracy, be familiar with the Title 24 code development process, the different parts of Title 24, and the different inspection requirements for each occupancy type.

Enabling Learning Objectives

1. Understand and describe the Title 24 rulemaking process.
2. Understand and describe the specific inspection requirements for each occupancy type.
3. Understand and describe the different chapters of California Building Code.
4. Understand and describe the different chapters of California Fire Code.

Discussion Questions

1. Determined by instructor

Application

1. Determined by instructor

Unit 4: Title 19

Terminal Learning Objective

With the instruction provided in this topic the student will, with a high degree of accuracy, be familiar with the Title 19, including: General Fire and Panic Safety Standards, Tents, Awnings & other Fabric Enclosures, Fire Extinguishers, Fire Alarms, Automatic Fire Extinguishing Systems, Fireworks.

Enabling Learning Objectives

1. Understand and describe the specific General Fire and Panic Safety Standards requirements.
2. Understand and describe the specific Tents, Awnings & other Fabric Enclosures requirements.
3. Understand and describe the specific Fire Extinguishers, Fire Alarms, Automatic Fire Extinguishing Systems requirements.
4. Understand and describe the specific Fireworks requirements.

Discussion Questions

1. Determined by instructor

Application

1. Determined by instructor

How to Read a Course Plan

A course plan identifies the details, logistics, resources, and training and education content for an individual course. Whenever possible, course content is directly tied to a national or state standard. SFT uses the course plan as the training and education standard for an individual course. Individuals at fire agencies, academies, and community colleges use course plans to obtain their institution's consent to offer course and provide credit for their completion. Instructors use course plans to develop syllabi and lesson plans for course delivery.

Course Details

The Course Details segment identifies the logistical information required for planning, scheduling, and delivering a course.

Required Resources

The Required Resources segment identifies the resources, equipment, facilities, and personnel required to deliver the course.

Unit

Each Unit represents a collection of aligned topics. Unit 1 is the same for all SFT courses. An instructor is not required to repeat Unit 1 when teaching multiple courses within a single instructional period or academy.

Topics

Each Topic documents a single Terminal Learning Objective and the instructional activities that support it.

Terminal Learning Objective

A Terminal Learning Objective (TLO) states the instructor's expectations of student performance at the end of a specific lesson or unit. Each TLO includes a task (what the student must be able to do), a condition (the setting and supplies needed), and a standard (how well or to whose specifications the task must be performed). TLOs target the performance required when students are evaluated, not what they will do as part of the course.

Enabling Learning Objectives

The Enabling Learning Objectives (ELO) specify a detailed sequence of student activities that make up the instructional content of a lesson plan. ELOs cover the cognitive, affective, and psychomotor skills students must master in order to complete the TLO.

Discussion Questions

The Discussion Questions are designed to guide students into a topic or to enhance their understanding of a topic. Instructors may add to or adjust the questions to suit their students.

Application

The Application segment documents experiences that enable students to apply lecture content through cognitive and psychomotor activities, skills exercises, and formative testing. Application experiences included in the course plan are required. Instructors may add additional application experiences to suit their student population if time permits.

Instructor Notes

The Instructor Notes segment documents suggestions and resources to enhance an instructor's ability to teach a specific topic.

CTS Guide Reference

The CTS Guide Reference segment documents the standard(s) from the corresponding Certification Training Standard Guide upon which each topic within the course is based. This segment is eliminated if the course is not based on a standard.