



Motion Picture/Television – Fire Safety Officer

Course Plan

Course Details

Description:	This course provides the student with a basic knowledge of film production fire safety, both on the studio lot and location filming. Areas covered include: filming and fire code permits, licensing, safety officer responsibilities, who's who on location, fire safety hazards associated with lighting, generators, electrical cabling, set construction, studio and warehouse filming, pyrotechnic special effects laws and regulations (handling, use, storage and transportation) and stunt safety. In addition, the training incorporates live pyrotechnic special effects and stunt demonstrations, special guest speakers, product orientation and slides and videos from many different films.
Designed For:	Fire prevention, suppression and investigation officers, special effects technicians, film production safety coordinators, stunt coordinators, line producers, directors, location managers, film commissioners, insurance risk managers and other governmental officials who interact with the entertainment industry in a safety capacity.
Authority:	Office of the State Fire Marshal
Prerequisites:	None
Standard:	N/A
Hours:	24 hours
Maximum Class Size:	75
Instructor Level:	Primary instructor
Instructor/Student Ratio:	1 primary instructor per 75 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

- Filming in California (OSFM, Current edition)
- Fireworks in California (OSFM, Current edition)
- Instructor Guide (OSFM, Current edition)

Student Resources

To participate in this course, students need:

- Filming in California (OSFM, Current edition)
- Fireworks in California (OSFM, Current edition)

Facilities, Equipment, and Personnel

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

Facilities

- Standard classroom equipped for 75 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
Day 1:			
Topic 1-1: Orientation and Introduction	1.0	0.0	
Topic 1-2: Filming in California	1.0	0.0	
Topic 1-3: Film Production Safety	1.0	0.0	
Topic 1-4: The FSO	1.0	0.0	
Topic 1-5: Permits	1.0	0.0	
Topic 1-6: Electrical Awareness	3.0	0.0	
Day 1 Totals	8.0	0.0	8.0
Day 2			
Topic 2-1: Film Production Safety	1.0	0.0	
Topic 2-2: Tents & Membrane Structures	1.0	0.0	
Topic 2-3: Refueler's	0.5	0.0	
Topic 2-4: Other Permits	0.5	0.0	
Topic 2-5: Laws and Regulations	4.0	0.0	
Topic 2-6: Studio and Warehouses	0.5	0.0	
Topic 2-7: Helicopters	0.5	0.0	
Day 2 Totals	8.0	0.0	8.0
Day 3			
Topic 3-1: Weapons	1.0	0.0	
Topic 3-2: Stunts	1.0	0.0	
Topic 3-3: Special FX Demo	4.0	0.0	
Topic 3-4: Examination	1.0	0.0	
Topic 3-5: Course Evaluations	1.0	0.0	
Day 3 Totals	8.0	0.0	8.0
Course Totals	24.0	0.0	24.0

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.

Objectives

Course Objectives

1. Provide students with the knowledge, skills and abilities to recognize common and special hazards in the filming industry and enforce fire prevention laws and regulations while assigned to filming locations.
2. Provide students with information about the role of the fire department while assigned to filming locations.
3. Provide a level of enforcement consistency from jurisdiction to jurisdiction when assigned to filming locations.
4. Provide the Filming Industry and the People of the State a safe environment when production companies are filming on location.

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.