State-Certified Prescribed-Fire Burn Boss Continuing Education
Course Plan

Course Details

Certification: State-Certified Prescribed-Fire Burn Boss

CTS Guide: State-Certified Prescribed-Fire Burn Boss

Description: This course meets the continuing education requirements for State-Certified Prescribed-Fire Burn Boss.

Designed For: State-Certified Prescribed-Fire Burn Boss

Prerequisites: State-Certified Prescribed-Fire Burn Boss

Standard: Complete all activities with 100% attendance.

Hours: Lecture: 3:00

Activities: 1:00

Hours (Total):   4:00

Maximum Class Size: 30

Instructor Level: Primary

Instructor/Student Ratio: 1:30

Restrictions: None

SFT Designation: CFSTES

Required Resources

Instructor Resources

To teach this course, instructors need:
- SB 1260 (Jackson, Chapter 624, Statutes of 2018)
- Health and Safety Code
- Public Resources Code
- Access to Prescribed Fire Information Reporting System (PFIRS)
- Administrative access to PFIRS training platform
- National Weather Service Fire Weather Forecast
- Incident Response Pocket Guide (IRPG) NFES 001077
- California Code of Regulations, Title 8, § 3395
- California Code of Regulations, Title 17

To teach this course, instructors may use:
- Field Operations Guide (FOG) ICS 420-1
- Fire Weather: A Guide for Application of Meteorological Information to Forest Fire Control Operations
- Learning Fire Weather: A Self-Study Course
- The Fire Environment Concept (1972, Countryman)
- Burn plan examples of varying complexity
- ICS 201 template
- Incident within an Incident (IWI) Form or agency equivalent
- 8-Line/Medical Incident Report (MIR) Form or agency equivalent
- "California Codes Related to Rx Fire" document
- Case study on Klamath River watershed ecology and fire
- Fireline Handbook Appendix B
- Wildland Fire Incident Management Field Guide (PDF available online)
- Examples of National Incident Management System Incident Action Plan (IAP)
- "Working with CAL FIRE Inmate Fire Crews"

Online Instructor Resources

The following instructor resources are available online at https://osfm.fire.ca.gov/divisions/state-fire-training/cfstes-professional-certification/:
- The Wildland Fire Lessons Learned Center website: www.wildfirelessons.net
- Prescribed Fire Information Reporting System (PFIRS): https://ssl.arb.ca.gov/pfirs/request.php
- SB 1260 (Jackson, Chapter 624, Statutes of 2018) (https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180SB1260)

- Title 17 of the California Code of Regulations: Smoke Management Guidelines for Agricultural and Prescribed Burning (https://www.arb.ca.gov/smp/regs/RevFinRegwTOC.pdf)
- Health and Safety Code
- Public Resources Code
- Incident Response Pocket Guide (IRPG) NFES 001077: https://www.nwcg.gov/sites/default/files/publications/pms461.pdf
- Field Operations Guide (FOG) ICS 420-1: https://www.usfa.fema.gov/downloads/pdf/publications/field_operations_guide.pdf
- "California Codes Related to Rx Fire" document
- "Working with CAL FIRE Inmate Fire Crews"
- ICS 201 template
- Wildland Fire Incident Management Field Guide (PDF available online)
- Incident within an Incident (IWI) Form
- 8-Line/Medical Incident Report (MIR) Form

Student Resources

To participate in this course, students need:
- Laptop computer with internet capability
- Laptop cord/power supply
- IRPG (provided by instructor)
- Login information for PFIRS (granted by instructor in class)
- Fireline Handbook Appendix B, PMS 410-2, NWCG (https://www.nwcg.gov/sites/default/files/products/appendixB.pdf)

Facilities, Equipment, and Personnel

The following facilities, equipment, or personnel are required to deliver this course:
- Classroom with internet access
- Projector and screen

The following facilities, equipment, or personnel are optional:
- Air district representative
- Fire Behavior Analyst (FBAN) or Incident Meteorologist (IMET)
- Local unit CAL FIRE representative
- Local fire district representative
- Local tribal representative
- Representative from community-based prescribed-fire group

Unit 1: Introduction

Topic 1-1: Orientation and Administration

Terminal Learning Objective

At the end of this topic, a student will be able to identify facility and classroom requirements and identify course objectives, events, requirements, assignments, activities, resources, evaluation methods, and participation requirements in the course syllabus.

Enabling Learning Objectives

1. Identify facility requirements
   - Restroom locations
   - Food locations
   - Smoking locations
   - Emergency procedures
2. Identify classroom requirements
   - Start and end times
   - Breaks
   - Electronic device policies
   - Special needs and accommodations
   - Other requirements as applicable
3. Review course syllabus
   - Course objectives
   - Calendar of events
   - Course requirements
   - Student evaluation process
   - Assignments
   - Activities
   - Required student resources
   - Class participation requirements

Discussion Questions

1. None

Activities

1. To be determined by the instructor.

Unit 2: Best Management Practices

Topic 2-1: Describing Best Management Practices for Prescribed-Fire Operations

Terminal Learning Objective

At the end of this topic, a student, given current issues, developments, and laws, will be able to describe best management practices for prescribed-fire operations, so that currency is maintained.

Enabling Learning Objectives
1. Identify changes and updates to law, policy, or practice
2. Describe the elements of a burn plan
3. Describe the permitting and approval process
4. Describe the implementation of a prescribed-fire operation in accordance with the burn plan
5. Describe contemporary safety considerations for prescribed-fire operations

Discussion Questions
1. What successes and challenges have you encountered when managing prescribed-fire projects?
2. Identify safety challenges or situations that you have experienced on a prescribed burn. What were the mitigations? What was the outcome?

Activities
1. The instructor must create an activity directing students to review examples of prescribed fires and determine lessons learned.

Instructor Notes
1. ELOs 2–4 are reviews of State-Certified Prescribed-Fire Burn Boss
2. The instructor should refer to the Wildland Fire Lessons Learned Center website.
3. The instructor may refer to "California Codes Related to Rx Fire" document but must verify the most current laws and regulations.

CTS Guide Reference: CTS 3-1

Time Table

Segment	Lecture Time	Activity Time	Total Unit Time
Unit 1: Introduction			
Topic 1-1: Orientation and Administration			
Lecture	0:30		
Activity 1-1: To be determined by instructor		0:00	
Unit 1 Totals	**0:30**	**0:00**	**0:30**
Unit 2: Best Management Practices			
Topic 2-1: Describing Best Management Practices for Prescribed-Fire Operations			
Lecture	2:30		
Activity 2-1: Determining Lessons Learned		1:00	
Unit 2 Totals	**2:30**	**1:00**	**3:30**
Lecture, Activity, and Unit Totals:	**3:00**	**1:00**	**4:00**

Course Totals

Total Lecture Time (LT)	3:00
Total Activity Time (AT)	1:00
Total Course Time	**4:00**