

Lassen Community College Course Outline

FS-60 Cal Fire Firefighter Academy (FFA) 5.0 Units

I. Catalog Description

This course provides students with the knowledge and skills to perform basic firefighter tasks. Topics include: fire physics and terminology; fireline safety; aircraft safety; self-contained breathing apparatus; mobile equipment orientation; fire equipment orientation; wildland and structure firefighting operations. Course includes Cal Fire training modules: Orientation, Wildland Module 1C, and Structural Firefighting module 1A.

Recommended Preparation: Successful completion of ENGL105 or equivalent multiple measures placement.

Prerequisite(s): To receive the Cal Fire Certificate, students must successfully complete the CAL FIRE Academy required training in addition to the core training received in FS 60. Other required training includes:

- FS-61 Basic Firefighter Training (Basic 32), or equivalent [Meets U.S. Forest Service and Bureau of Land Management requirements for Firefighter Type 2: S-190- S-130 and L-180. ICS-100 and IS-700 included as online pre-requisites]
- FS-59 Confined Space Awareness or equivalent,
- FS-72 Hazmat First Responder Operations or equivalent,
- FS-80 Fire Fighter Survival or equivalent
- FS-81 Wildland Firefighter Safety & Survival or equivalent
- FS-20 First aid and CPR for Public Safety Employees, or equivalent
- FEMA IS-200; IS-800 (can be taken Online)
- FS-51 Introduction to Fire Technology Careers

These courses can be taken previously or concurrently

Does Not Transfer to CSU/UC

64 Hours Lecture; 82 Hours Lab, 128 Outside Class Hours, 274 Total Student Learning Hours

Scheduled: Fall/Spring

II. Coding Information

Repeatability: Not repeatable

Open Entry/Open Exit: NA

Grading Option: Graded

TOP Code: 213310

III. Course Objectives

A. Course Student Learning Outcomes

Upon completion of this course the student will be able to:

1. Safely perform the tasks of a basic firefighter.
2. Describe Cal Fire's mission and organizational structure
3. Describe elements common to wildland fire and structure fire operations.

B. Course Objectives:

Upon completion of this course the student will be able to:

1. Describe elements common to wildland fire and structure fire operations.
2. Describe Cal Fire's mission and organizational structure
3. Demonstrate proper use of mobile and fire equipment.
4. Demonstrate proper use of self-contained breathing apparatus.

IV. Course Content

- A. Orientation
 - 1) Cal Fire Mission and Organization
 - 2) Code of Conduct
 - 3) EEO/Sexual Harassment
- B. Fire Physics and Terminology
- C. Safety
- D. Self-Contained Breathing Apparatus (SCBA)
- E. Fireline Safety
- F. Aircraft Safety
- G. Mobil Equipment Orientation
- H. Fire Equipment Orientation
- I. Wildland Fire Operations
- J. Structure Firefighting Operations
- K. Station Operations
- L. Personal Protective Equipment
- M. Firefighter Safety
- N. Hose, Hose Appliances, and Hose Tools
- O. Water Supply Systems
- P. Ladders
- Q. Special Fires

V. Assignments

- A. Appropriate Readings**

Assigned readings in the textbook
- B. Writing Assignments**

Short paper describing elements common to wildland and structure fire operations.
- C. Expected Outside Assignments**

Development of a fire escape plan for a common building.
- D. Specific Assignments that Demonstrate Critical Thinking**

Demonstration of various hose lays for wildland and structure fires for a given service.

VI. Methods of Evaluation

Written Examinations and Performance Exams

VII. Methods of Delivery

Check those delivery methods for which, this course has been separately approved by the Curriculum/Academic Standards Committee.

Traditional Classroom Delivery Correspondence Delivery

Hybrid Delivery

Online Delivery

VIII. Representative Texts and Supplies

IAFC; Fundamentals of Fire Fighter Skills and Hazardous Materials Response Includes Navigate Advantage Access 4th Edition, 2018, Jones and Bartlett Learning, ISBN: 9781284151336.

Wildland Fire Fighter: Principles and Practice (Jones and Bartlett Learning, 2nd edition, ISBN: 978-1-284-04211-5

IX. Discipline/s Assignment

Fire Technology

X. Course Status

Current Status: Active

Original Approval Date: May 16, 1995

Revised By: Dan Weaver

Curriculum/Academic Standards Committee Revision Date: 08/16/2022