

Lassen Community College Course Outline

FS-61 Basic Firefighter Training (Basic 32)

2.0 Units

I. Catalog Description

This course provides basic training in wildland fire suppression and crew person subject overage includes wildland fire behavior, skills of wildland fire suppression, practice with common fireline hand tools, and working safely in wildland fire environment. [Meets U.S. Forest Service and Bureau of Land Management requirements for Firefighter Type 2: L-180, S-130 and S-190.] To be awarded the certificates at the end of the course students must successfully complete the Federal Emergency Management Agency (FEMA) IS-100 (Introduction to the Incident Command System, ICS-100) and IS-700 (An introduction to the National Incident Management System) online at <https://training.fema.gov/> (free to students).

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

Does Not Transfer to CSU/UC

32 Hours Lecture, 8 Hours Lab, 64 hours Outside Study: 104 Total Student Learning Hours

Scheduled: Spring, Fall

II. Coding Information

Repeatability: Not repeatable

Open Entry/Open Exit: NA

Grading Option: Pass/No Pass

TOP Code: 2133.00

III. Course Objectives

A. Course Student Learning Outcomes:

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

- 1) Demonstrate understanding of the Incident Command System.
- 2) Understand wildland fire behavior.
- 3) Demonstrate basic firefighting skills.
- 4) Practice effective communication, and risk management skills.

B. Course Objectives:

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

1. Recognize the role of fire in wildland ecosystems.
2. Describe elements common to wildland fire suppression.
3. Identify the importance of safety in wildland fire suppression
4. Describe proper fire suppression practices on wildland fires.
5. Demonstrate skills of wildland fire suppression during practices in the field.
6. Identify the environmental factors of fire behavior, which affect the start and spread of wildland fires.
7. Describe the basic incident command system (ICS).

IV. Course Content

A. Basic Firefighter Orientation (S-110)

1. Fire in Wildland Ecosystems

2. Orientation to Fire Suppression Operations
 3. Wildland Firefighting Safety
 4. Physiological and Physical Aspects of Firefighting
 5. Mutual Aid Cooperation
 6. National Inter-Agency Fire Qualifications Standards
 7. Incident Command System
- B. Introduction to Fire Behavior (S-190)
1. Fire Behavior and Suppression Methods
 2. Fireline Construction
 3. Weather and Topography
- C. Firefighter Basic Training Course (S-130)
1. Map Use and Fire Location
 2. Assessment and Initial Attack
 3. Fireline Construction
 4. Safe Use and Maintenance of Hand Tools
 5. Outfitting your Fire Pack
 6. Aircraft Support and Safety
 7. Basic Radio Procedures
 8. Survival Tips
 9. Water Use in Fire Suppression
 10. Working Safely

V. Assignments

A. Appropriate Readings

Assigned readings from the texts

B. Writing Assignments

Completion of an action plan that deals with initial attack methods.

C. Expected Outside Assignments

Project which details safety factors related to working around dozers, helicopters, and aircraft.

D. Specific Assignments that Demonstrate Critical Thinking

Students will be required to identify the significance of downhill line construction, methods of heat transfer, and the weather factors that affect fire behavior.

VI. Methods of Evaluation

Traditional Evaluation

Written examinations from the interagency training courses demonstrating skills proficiency in fireline construction and common fire tool use.

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

Traditional Classroom Delivery

Lecture, discussion, audio/visual aids, demonstration, group exercises, guest speakers, lab, individualized programs and other as needed.

VIII. Representative Texts and Supplies (Provided by instructor)

S-110 Basic Firefighter Orientation, 2003

S-130 Firefighter Basic Training Course, 2003, (Interagency Training)
S-190 Introduction to Fire Behavior, 2006
Incident Response Pocket Guide, NWCG 2022 PMS-461

IX. Discipline/s Assignment

Fire Technology

X. Course Status

Course Status: Active

Original Approval Date: April 23, 1996

Revised By: Dan Weaver

Curriculum/Academic Standards Committee Revision Date: 10/04/2022