

# FIRE 100 : FIREFIGHTER TYPE II TRAINING

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## Transcript title

Firefighter Type II Training

## Credits

3

## Grade mode

Standard letter grades

## Contact hours total

60

## Other hours

60

## Description

Trains new firefighters in basic firefighting skills and the basic fire behavior factors that will aid them in the safe and effective control of wildland fires. Students will receive NWCG certification in S-130, S-190, and L-180.

## Learning outcomes

The following learning outcomes are those of the National Wildfire Coordinating Group (NWCG).

1. Explain what the LCES (Lookouts, Communications, Escape Routes, and Safety Zones) system is and how it relates to the Standard Firefighting Orders.
2. Construct fireline to required standards using various methods.
3. Strengthen, reinforce, and use holding actions on a fireline.
4. Extinguish the fire with or without the use of water.
5. Given an assignment in a wildfire environment, describe factors in that environment which could impact safety.
6. Demonstrate responsibilities to address human performance issues so they can integrate more effectively into crews/teams operating in high risk, dynamic work environments.
7. List and describe indicators that firefighters should observe on the fire line related to fire behavior.
8. Identify and discuss the three sides of the fire triangle.
9. Identify the environmental factors of fuels, weather and topography that affect the start and spread of wildland fire.
10. Describe the contributing factors that indicate the potential for increased fire behavior that may compromise safety.

## Content outline

- Introduction
- Basic Concepts of Wildland Fire
- Topographic Influences
- Fuels
- Weather
- Wildland Fire Behavior and Safety
- Basic Wildland Fire Terminology
- Firefighter Preparedness
- ICS Overview
- Risk Management

- Watch Out Situations and Fire Orders
- LCES
- Fire shelter
- Potential Hazards and Human Factors
- Transportation Safety
- Hand Tools
- Firing Devices
- Use of Water
- Suppression
- Patrolling and Communications
- Mopup and Securing the Fireline
- Live Fire Exercise
- Hazardous Materials Awareness
- Wildland/Urban Interface Safety
- Pump Operations
- Map Reading and Use of the Compass
- Cultural Resources

## Required materials

Students will be required to purchase approved wildland fire leather boots with vibram soles. All other classroom required materials are provided to the student upon the first day of class.

## Grading methods

Students are assessed by quizzes, exercises and scenarios, field assessment of skills, final live fire skills evaluation and final exam.