

# FIRE 125 : FIREFIGHTER TYPE II TRAINING

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## Transcript title

Firefighter Type II Training

## Credits

3

## Grading mode

Standard letter grades

## Total contact hours

50

## Lecture hours

20

## Lab hours

30

## Course Description

This is a National Wildfire Coordinating Group (NWCG) course. 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. Receive an NWCG certification for S-130, S-190, and L-180 upon successful completion.

## Course learning outcomes

1. Explain what the LCES (lookouts, communication, 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 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 environment 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

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

1. Basic concepts of wildland fire
2. Topographic influences
3. Fuels
4. Weather
5. Wildland fire behavior and safety

6. Basic wildland fire terminology
7. Firefighter preparedness
8. ICS overview
9. Risk management
10. Watch out situations and fire orders
11. Lookouts, communication, escape routes, and safety zones (LCES)
12. Fire shelter potential hazards and human factors transportation safety hand tools firing devices use of water suppression
13. Patrolling and communications
14. Mopup and securing the fireline
15. Live fire exercises
16. Hazardous materials
17. Awareness
18. Wildland urban interface
19. Safety pump operations
20. Map reading and use of the compass
21. Cultural resources

## Required materials

Students will be required to purchase approved wildland fire leather boots with Vibram soles. All other classroom material and personal protective equipment will be provided to the student.