



## S-130: Course Introduction

### Summary:

The intent of this course is to train new firefighters in the basic skills needed to perform fire suppression and fuels management duties in adverse climate, fuel, and terrain conditions.

Units 8 – 12 are intended to be taught as hands-on presentations in the field. Facilitation should include the tools and equipment referenced in those units and they should be available as props for instructors and hands-on implements for students. If field presentation is not possible, Units 8 – 12 can be taught as a PowerPoint presentation in a classroom, utilizing the tools, and equipment as reference.

S-190: Introduction to Wildland Fire Behavior, is a prerequisite to this course and must have been successfully completed prior to taking S-130: Firefighter Training.

L-180: Human Factors on the Fireline, is no longer included as part of this course. Students that successfully complete S-130: Firefighter Training will no longer be given credit for completing L-180: Human Factors on the Fireline.

### Incident Position Description (IPD) Alignment:

This course aligns with the NWCG IPDs that serve as the single authoritative source for the essential duties and responsibilities of a NWCG incident position. IPDs ensure connection between the position and established operation standards. Each unit in this course will identify the related IPD statement.

For more information on IPDs visit, <https://www.nwcg.gov/nwcg-standards-management-cycle>.

### Objectives:

Students will be able to:

- Describe the purpose of the Standard Firefighting Orders and Watch Out Situations.
- Describe what the Lookouts, Communications, Escape Routes, and Safety Zones (LCES) system is and how it relates to the Standard Firefighting Orders.
- Describe the various communication methods and tools used for collecting, producing, and distributing information.
- Describe the standards, tools and equipment, and various methods used in fireline construction.
- Describe the methods for extinguishing a fire with or without the use of water.
- Demonstrate the ability to construct fireline to required standards using various methods, tools and equipment, and techniques.



## Course at a Glance:

Units	Method	Duration
Course Introduction	Presentation	30 Minutes
Briefings	Presentation	1 Hour
Demands of the Position	Presentation	1 Hour
Personal Equipment	Presentation	1 Hour
Resources and Organization	Presentation	1 Hour
Risk Management	Presentation	2 Hours
Case Study	Presentation	1 Hour
Suppression	Presentation	1 Hour, 40 Minutes
Tools and Equipment	Field Presentation	1 Hour, 20 Minutes
Handline Techniques	Field Presentation	2 Hours
Water Use	Field Presentation	2 Hours
Firing Devices	Field Presentation	1 Hour
Mopup	Field Presentation	1 Hour, 15 Minutes
Wildland Urban Interface	Presentation	1 Hour, 15 Minutes
Fire Environment Hazards	Presentation	1 Hour
Radio Communications	Presentation	1 Hour
Fire Shelters	Presentation	1 Hour
Case Study	Presentation	1 Hour
Incident Exercise	Field Exercise	7 Hours
<b>Total Course Duration</b>		<b>29 Hours</b>



## Materials:

### For Each Participant

- *Incident Response Pocket Guide* (IRPG), PMS 461, <https://www.nwcg.gov/publications/461>.
- Notebooks.
- S-130 Student Evaluation Task Sheet.

### Classroom

- Ability to display images and video on large screen.
- White board or easel access for group breakout.
- Handheld radios.
- Practice fire shelters.

### Field

- The tools and equipment presented in the unit, as well as local area specific tools and equipment.
- Required fireline PPE.
- Handheld radios.
- Practice fire shelters.

### References to aid instructor preparation and facilitation

- Geographic Area Outlooks, <https://www.predictiveservices.nifc.gov/outlooks/outlooks.htm>.
- ICS Forms, <https://www.nwcg.gov/publications/ics-forms>.
- Incident Management Situation Report, [https://www.nifc.gov/fireInfo/fireInfo\\_main.html](https://www.nifc.gov/fireInfo/fireInfo_main.html).
- *Interagency Standards for Fire and Fire Aviation Operations*, NFES 2724, [https://www.nifc.gov/policies/pol\\_ref\\_redbook.html](https://www.nifc.gov/policies/pol_ref_redbook.html).
- *National Interagency Mobilization Guide*, <https://www.nifc.gov/nicc/mobguide/index.html>.
- National Weather Service (Fire Weather), <https://www.weather.gov/fire/>.
- *NWCG Glossary of Wildland Fire*, PMS 205, <https://www.nwcg.gov/glossary/a-z>.
- *NWCG Standards for Ground Ignition Equipment*, PMS 443, <https://www.nwcg.gov/publications/443>.
- *NWCG Standards for Helicopter Operations*, PMS 510, <https://www.nwcg.gov/publications/510>.
- *NWCG Standards for Wildland Fire Resource Typing*, PMS 200, <https://www.nwcg.gov/publications/200>.
- *The New Generation Fire Shelter*, PMS 411, <https://www.nwcg.gov/publications/411>.
- *Water Handling Equipment Guide*, PMS 447-1, <https://www.nwcg.gov/publications/447-1>.



## Guides and Key

The presentations and instructor guides include notes to aid facilitators in instruction.

### Key

- ☐ Indicates an action for the instructor to take.
- Indicates topics and information for the facilitator to use as they see fit.

# Course Introduction

## Slide 1



# Course Introduction

## Slide 2

### Course Objectives

Students will be able to:

- Describe the purpose of the Standard Firefighting Orders and Watch Out Situations.
- Describe what the Lookouts, Communications, Escape Routes, and Safety Zones (LCES) system is and how it relates to the Standard Firefighting Orders.
- Describe the various communication methods and tools used for collecting, producing, and distributing information.

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- ☐ Review unit objectives.

# Course Introduction

## Slide 3

### Course Objectives

Students will be able to:

- Describe the standards, tools and equipment, and various methods used in fireline construction.
- Describe the methods for extinguishing a fire with or without the use of water.
- Demonstrate the ability to construct fireline to required standards using various methods, tools and equipment, and techniques.

S-130: Course Introduction 3

- ☐ Review unit objectives.

## Slide 4

### Measurement of Objectives

Achievement of course and unit objectives is measured using one or more of the following methods:

- Class or group discussion
- Instructor or coach observation and feedback
- Knowledge checks
- Knowledge assessment
- Skill assessment
- Course Evaluation Task Sheet



# Course Introduction

## Slide 5



**Course Overview**

- Unit 1: Briefings**
- Unit 2: Demands of the Position**
- Unit 3: Personal Equipment**
- Unit 4: Resources and Organization**
- Unit 5: Risk Management**
- Unit 6: Case Study**
- Unit 7: Suppression**
- Unit 8: Tools and Equipment**
- Unit 9: Handline Techniques**

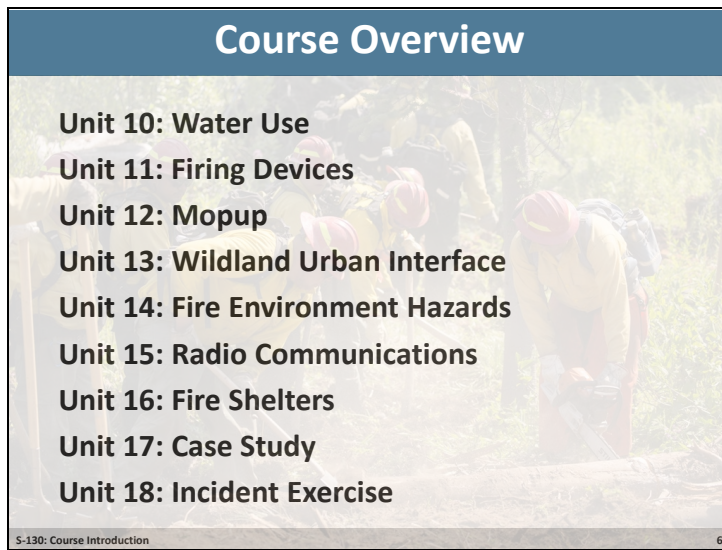
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# Course Introduction

## Slide 6

### Course Overview

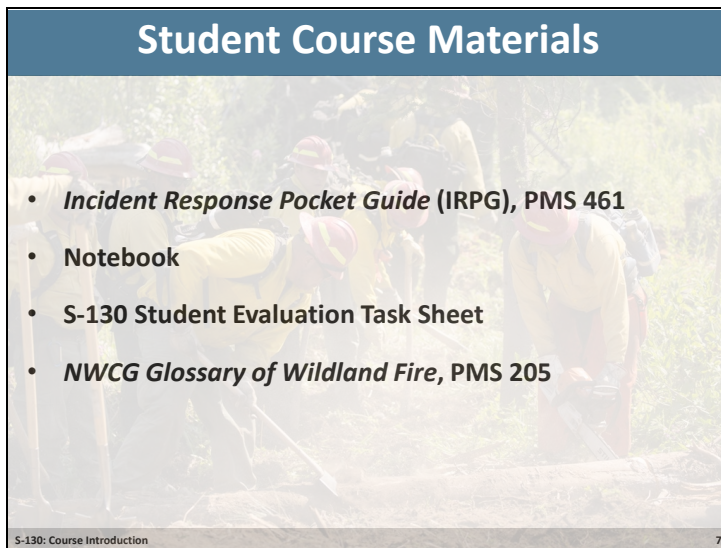
- Unit 10: Water Use
- Unit 11: Firing Devices
- Unit 12: Mopup
- Unit 13: Wildland Urban Interface
- Unit 14: Fire Environment Hazards
- Unit 15: Radio Communications
- Unit 16: Fire Shelters
- Unit 17: Case Study
- Unit 18: Incident Exercise

A background image showing several firefighters in yellow protective gear and red helmets working in a field. They appear to be focused on a task, possibly related to fire suppression or investigation. The image is slightly faded to allow the text to be read clearly.

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# Course Introduction

## Slide 7



**Student Course Materials**

- *Incident Response Pocket Guide (IRPG)*, PMS 461
- **Notebook**
- **S-130 Student Evaluation Task Sheet**
- *NWCG Glossary of Wildland Fire*, PMS 205

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- The *Incident Response Pocket Guide* (IRPG), PMS 461, <https://www.nwcg.gov/publications/461>.
- Is considered the student workbook and primary reference tool for this course.
- The IRPG is the reference tool available to a FFT2 in the field.
- The Notebook.
- Students should be provided a notepad, writing pad, or even a stack of papers for the purpose of taking notes.
- A notebook or notepad, commonly pocket size, is the tool available to a FFT2 in the field.
- The S-130 Student Evaluation Task Sheet.
- Its intent is discussed on the next slide.
- Replacement for the formal written exam typically associated with the S-130, Firefighter Training course.
- The *NWCG Glossary of Wildland Fire*, PMS 205, <https://www.nwcg.gov/glossary/a-z>.
- Served as the primary source for term or concept definitions used in the course.
- Students are encouraged to access it via smart device during the course.

# Course Introduction

## Slide 8

**Evaluating Student Performance**

**S-130 Student Evaluation Task Sheet**

- **Completed throughout the class.**
- **Reviewed by instructors at the end of the class.**
- **Modeled after NWCG Position Task Books.**

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- The S-130 Student Evaluation Task Sheet is intended for distribution during the Course Introduction, and tasks can be completed throughout the course. It provides an opportunity for students to demonstrate achievement of course objectives. Open discussion with other students and instructors is encouraged.
- NWCG Position Task Books (PTBs) are a key component of the qualification process for specified NWCG positions. The PTB provides an observable, measurable, and standardized means to evaluate and document trainee proficiency. This task sheet mirrors the format and intent of the NWCG PTB.
- Although there is no established PTB for the Firefighter Type 2 (FFT2) position, the S-130 Student Evaluation Task Sheet serves a similar purpose by enabling evaluation and documentation of student performance in the S-130, Firefighter Training course.
- All responses must be reviewed and evaluated by an instructor prior to the end of the course and documented in the Evaluator column. Successful performance of identified tasks (as well as engagement in class discussion and successful completion of in-course knowledge checks), will result in a recommendation to the agency that the trainee be certified for completing S-130, Firefighter Training.

# Course Introduction

## Slide 9

### Course Objectives

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- Describe the various communication methods and tools used for collecting, producing, and distributing information.

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- ☐ Review unit objectives.

# Course Introduction

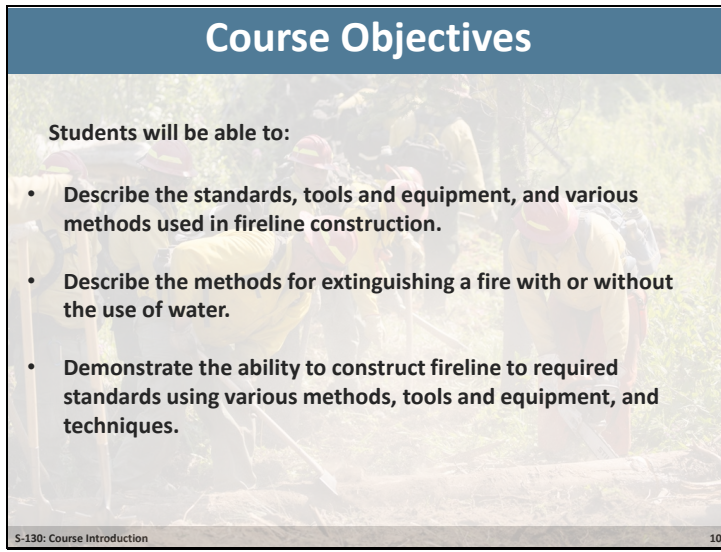
## Slide 10

### Course Objectives

Students will be able to:

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- Describe the methods for extinguishing a fire with or without the use of water.
- Demonstrate the ability to construct fireline to required standards using various methods, tools and equipment, and techniques.

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- ☐ Review unit objectives.