

## Welcome to FIF200!

### What material does this program cover?

The FIF 200 courseware covers several courses for the Intermediate Wildland Firefighter: Equivalent to NWCG S-131, S-133, and S-231, and the G-131.

**Unit One:** Equivalent to NWCG S-131 and S-133

**Unit Two:** Equivalent to NWCG S-231

**Unit Three:** Extra material to complete G-131 equivalency

You may be asked to complete just Unit 1 (Firefighter Type 1 Training), or Unit 2 (Engine Boss), or all the Units (for G-131 equivalency).

### Who should take this course?

#### Structural Firefighters Seeking Intermediate Wildland Firefighter Training

This course is equivalent to the NWCG G-131 course. You will need to complete all of the FIF 200 coursework and attend the field exercise components for certification in these areas.

### How do I access course materials?

To access the course units, click on the "Course Units" menu tab. Start with Unit 1, Section 1a. Intermediate Firefighter Training Unit 2 contains the Engine Boss materials. Unit 3 contains information on radios and navigation. Be sure to click on the "Assignments" tab after viewing each seminar video, and complete all assignments for each section.

### Do I need to watch all the videos and do all of the assignments?

Yes. Your online instructor will be monitoring your progress with the materials. He/she will be able to see everything you have viewed and answered, and will be able to track the dates and times you worked in the program. You must complete all the required work to be considered eligible for the field exercises.

### Is there a final proctored exam?

Yes. A closed book final exam will be administered at the time you report for the field exercise component. You may take the unit tests on the Web-ROM as many times as you would like in preparation for the proctored exam.

### How do I check my progress?

Click on the "Check Progress" tab to view the seminar video titles – the time next to each title indicates the time you spent watching the video for that section. Click on the seminar video title to view the time that you spent on the assignments for that section, and your quiz scores and study question answers.

### What if I need technical support?

Click "Support" at the bottom of the screen to view support topics and solutions. Or, call the toll free number on the back of the Web-ROM case, M-F 9:00-5:00 EST.



## Course Objectives

### UNIT 1 (NWCG Equivalent S-131: Intermediate Wildland Firefighter)

Upon completion of this unit students will be able to:

#### Section 1a – Fireline Reference Materials

Demonstrate the ability to locate and apply standard operating procedures found in the Fireline Handbook (FHB) and Incident Response Pocket Guide (IRPG).

#### Section 1b – Communication

- Identify the communication and documentation responsibilities of a Firefighter Type 1 (FFT1).
- Demonstrate the ability to give and receive a briefing following the Briefing Checklist found in the Incident Response Pocket Guide.

#### Section 1c – Tactical Decision Making

- Demonstrate the ability to apply the Risk Management Process in a changing environment (inherent in all exercises).
- Demonstrate the ability to apply the principles of initial attack.
- Demonstrate the ability to apply structure assessment and structure protection principles.
- Demonstrate the ability to apply the principles of being a lookout.
- Demonstrate the ability to apply the principles of downhill line construction.
- Demonstrate the ability to apply the principles of retardant and bucket drops.

#### Section 1d – Look Up, Look Down, Look Around

- List the seven fire environment factors to monitor on the fireline
- Recognize indicators of the seven fire environment factors
- Identify the effect of these indicators on fire behavior.

### UNIT 2 (NWCG Equivalent S-231: Engine Boss)

Upon completion of this unit students will be able to:

#### Section 2a – Position Overview

- Understand the various tasks required of an Engine Boss.
- Discuss tactical decisions required to safely manage an engine and personnel on an incident.

#### Section 2b – Engine/Crew Considerations

- Identify engine capabilities and limitations that the Engine Boss must consider when deciding to attempt an assignment.
- Describe assignments that require specialized training of engine crew members.
- Describe the observations the Engine Boss must make of crewmembers to insure safety is not compromised.
- Describe the criteria used to maintain the engine inventory.

#### Section 2c – Information Sources

- Identify sources of information needed to complete tactical assignment.
- Describe the coordination required to accomplish tactical assignment.

#### Section 2d – Size-up

- Describe the size-up elements in a fire situation.
- Identify the four fuel groups and describe expected fire behavior in each.
- Determine the tactics to be used after size-up occurs.

#### Section 2e – Tactics

- Describe the advantages and disadvantages of direct, parallel, and indirect attack in a fire situation.
- Develop alternative plans based upon equipment failures and/or personnel problems.
- Determine appropriate tactics to be used based upon changes in fire behavior, fire weather, and terrain.

## Section 2f – Wildland Urban Interface

- Identify wildland/urban interface characteristics that must be monitored.
- Describe safety hazards commonly encountered in wildland/urban interface fires.

## Unit 3 (Narrowband Basics and Basic Land Navigation, for NWCG G-131 Equivalency)

Upon completion of this unit students will be able to:

### Section 3a - Narrowband Basics

- Describe the difference between wide and narrowband frequencies.
- Identify common symptoms of bandwidth mismatches and the effects on the operational environment.
- Describe mitigation actions to manage bandwidth mismatches.
- Recognize whether your radios are in wideband or narrowband mode and be able to change that functionality through programming.
- Identify local cooperators and radio interoperability concerns.

### Section 3b – Basic Land Navigation

See PMS475 – Self Study Unit

## Field Exercise Objectives

This course requires a one-day classroom/field exercise day with a certified instructor. (This may be split up into 2 half-day sessions). The final proctored exam will be administered and you will take part in the following exercise topics:

### Unit 1 Review Exercises – S-131 COMMUNICATIONS

**Objective:** Upon completion of the exercise, students will demonstrate the ability to give and receive a briefing following the Briefing Checklist found in the IRPG.

### RISK MANAGEMENT PROCESS

**Objective:** Upon completion of the exercise, students will demonstrate the ability to apply the Risk Management Process in a changing environment to include applying the principles of

- Initial attack
- Structure assessment and protection
- Being a lookout
- Downhill line construction
- Retardant and bucket drops

### Unit 2 Review Exercise – S-231

#### TACTICS

**Objective:** Upon completion of the exercise students will demonstrate the ability to determine appropriate tactics to be used based upon changes in fire behavior, fire weather, and terrain.

### Final Scenario Field Exercise

**Objective:** Upon completion of this unit, students will demonstrate the ability to

- Obtain essential information from the Incident Commander
- Brief crewmembers and adjoining forces
- Maintain LCES and standard safety procedures
- Participate in an After Action Review

## Study Questions

Note: Login to your Web-ROM and click “Resources” and then “Study Guide” to view your online study questions and answers at a glance. Click on the printer icon on the page to print the questions and the answers you have typed in to use as a review sheet.

### Section 1a Study Questions

1. Your squad reaches a point where you must begin building fireline downhill on the steepest terrain in the area. Briefly identify the specific reference tool items you would use to address this situation.

2. After you have analyzed your downhill line assignment, you believe it is unsafe to proceed. What are some considerations to properly refuse this risk?
3. Your supervisor has acknowledged your reasons for refusing this assignment. He has given you another assignment. What information should you have prior to taking this assignment?
4. During your supervisory briefing you are told that potential risks exist on your new assignment. Which tool will you use and what actions will you take in order to properly manage the risks that have been identified?
5. You are an Incident Commander Type 5 on a one-half acre fire that will require you to spend the night—effectively a “line spike” situation. Briefly identify the specific reference tool items you would use to address this situation.
6. Dispatch notifies you that you are in a sensitive area and must implement Minimum Impact Suppression Tactics (MIST). Briefly identify the specific reference tool items you would use to address camping in, and performing fire suppression on, a sensitive area.

## Section 1b Study Questions

1. List the things you should do when you observe or hear of inappropriate behavior (all forms of harassment, including sexual and racial).

## Section 2a Study Questions

1. Review the positions description for single resource boss in the Fireline Handbook (p. 187). Compare this to the Engine Boss section of the Position Task Book (pp. 23-25). Write a job description for the position of Engine Boss.

## Section 2c Study Questions

1. As an engine boss on your first operational period, list below the information you would want from your fireline supervisor.

## Section 2d Study Questions

1. List 4 factors an Engine Boss should consider en route to an incident.
2. **Fuel size-up – The Grass Group.** Be able to discuss the following elements for the Grass Group: Rate of spread, Reaction to water, Mop-up time required, Duration of heat and flame, Best engine type utilized, Best method of attack (indirect, direct, or parallel), Provide examples of areas of the country where this fuel group is a concern.
3. **Fuel size-up – The Shrub Group.** Be able to discuss the following elements for the Shrub Group: Rate of spread, Reaction to water, Mop-up time required, Duration of heat and flame, Best engine type utilized, Best method of attack (indirect, direct, or parallel), Provide examples of areas of the country where this fuel group is a concern.
4. **Fuel size-up – The Timber Litter Group.** Be able to discuss the following elements for the Timber Litter Group: Rate of spread, Reaction to water, Mop-up time required, Duration of heat and flame, Best engine type utilized, Best method of attack (indirect, direct, or parallel), Provide examples of areas of the country where this fuel group is a concern.
5. **Fuel size-up – The Logging Slash Group.** Be able to discuss the following elements for the Logging Slash Group: Rate of spread, Reaction to water, Mop-up time required, Duration of heat and flame, Best engine type utilized, Best method of attack (indirect, direct, or parallel), Provide examples of areas of the country where this fuel group is a concern.

## Section 2e Study Questions

1. List 2 advantages and 2 disadvantages of direct attack.
2. List 2 advantages and 2 disadvantages of parallel attack.

3. List 2 advantages and 2 disadvantages of indirect attack.
4. Explain 3 differences between stationary and mobile attack.
5. List 4 reasons why a mobile attack would not be considered prudent.
6. List 4 guidelines for engine crew safety.
7. List 3 ways you and your crew can still meet objectives even after a breakdown of your pump engine.

## Section 2f Study Questions

1. List 4 WUI watch outs.
2. Explain the situations in which you should withdraw from structure protection during a WUI fire event.
3. List 4 power line watch outs.
4. List 4 indicators that a back draft or smoke explosion could occur within a structure.