



## S-190: Introduction to Wildland Fire Behavior (Instructor-Led Training) Summary of Changes – 2019

As part of the ongoing NWCG System Improvement efforts, Training course content is directly related to Incident Position Descriptions (IPD) derived from source documents that establish operational standards, best management practices, requirements, duties, and responsibilities.

The following statement in the [Firefighter Type 2 Incident Position Description](#) directly correlates with the S-190 course:

- Apply knowledge of fuels, terrain, weather, and fire behavior to decisions and actions.

### Overall Course Format Changes

- Course duration of 6-8 hours changed to 7 hours.
- Course objectives and unit objectives have been updated.
- Course composition changed from 3 units (with sub-lessons) to 7 units.
- Unit 2 Lesson C: Weather: Format changed from one unit with a 2 hour duration to three units with a total duration of 3 hours.
- Unit 7 Alignment (*NEW*): Based on the IRPG's *Alignments and Patterns for Dangerous Fire Behavior*. Unit is intended as a means of joining the interconnected elements of fuels, terrain, and weather and how their alignment affects fire behavior.

2006 Certified Version	2019 Revised Version
Unit 1: Basic Concepts	Unit 1: Basic Concepts of Wildland Fire
Unit 2 Lesson 2A: Topographic Influences	Unit 2: Fuels
Unit 2 Lesson 2B: Fuels	Unit 3: Temperature and Moisture Relationships
Unit 2 Lesson 2C: Weather	Unit 4: Topography
Unit 3: Wildland Fire Behavior & Safety	Unit 5: Atmospheric Stability, Winds, and Clouds
	Unit 6: Critical Fire Weather
	Unit 7: Alignment ( <i>NEW</i> )

### Course Materials

- Instructor Guide available for download via NWCG Training Course Catalog. (NFES 2900: Instructor Guide removed from NWCG NFES Catalog – Part 2: Publications, PMS 449-2)
- Student Workbook replaced by IRPG as primary reference tool. (NFES 2901: Student Workbook removed from NWCG NFES Catalog – Part 2: Publications, PMS 449-2)
- Course Materials available on NWCG.gov (NFES 2902: Course Materials CD-ROM removed from NWCG NFES Catalog – Part 2: Publications, PMS 449-2)
- Student Evaluation Task Sheet mimics a Position Task Book and serves as student final assessment. Formal graded final exam removed.



NWCG Training Course Catalog: <https://www.nwcg.gov/publications/training-courses>

SMEs provided by Fire Behavior Subcommittee / Fire Behavior Curriculum Unit.

Approved by

1. Course Steward (Fire Behavior Subcommittee / Fire Behavior Curriculum Unit)
2. Parent Committee (Fire Environment Committee)
3. Incident & Position Standards Committee