



# Fire Use Training Academy



COURSE ANNOUNCEMENT  
S-390, Introduction To Wildland Fire Behavior Calculations  
IQCS #238

COURSE DATES	NOMINATIONS DUE	LOCATION	COURSE COORDINATOR
October 4-7, 2010	September 3, 2010	National Advanced Fire & Resource Institute (NAFRI) Tucson, AZ	Glenda Womack 575.313.2031 <a href="mailto:grwomack@fs.fed.us">grwomack@fs.fed.us</a>

## Course Description

This course is designed to introduce fire behavior calculations by manual methods, using nomograms and the Fire Behavior Handbook Appendix B. Students gain an understanding of the determinants of fire behavior through studying inputs (weather, slope, fuels, and fuel moisture). Students also learn how to interpret fire behavior outputs, documentation processes, and fire behavior briefing components.

## Objectives

- List the assumptions, limitations, and appropriate uses of fire behavior prediction models.
- Describe how environmental factors and processes affect fire behavior predictions and safety
- Define and interpret fire behavior prediction model inputs.
- Calculate fire behavior outputs using available fire behavior processors.
- Interpret, communicate, apply, and document wildland fire behavior and weather information

## Target Group

Personnel desiring to become qualified as division group supervisor (DIVS), prescribed fire burn boss type 2 (RXB2), incident commander type 3 (ICT3), or in a position requiring this knowledge.

## Course Prerequisites

Intermediate Wildland Fire Behavior (S-290)  
Qualified as a single resource boss

**LODGING & TRANSPORTATION:** Information regarding lodging and logistics is available at:  
<http://www.nafri.gov/pages/locationandlogistics.htm>

**NOMINATIONS:** Email completed nomination to [grwomack@fs.fed.us](mailto:grwomack@fs.fed.us)