



TRAINING COURSE ANNOUNCEMENT S-490 ADVANCED FIRE BEHAVIOR CALCULATIONS

COURSE DATES TUITION	NOMINATION DUE	LOCATION	COURSE COORDINATOR
0800 October 26 – 1700 October 30, 2009	09/18/2009	National Interagency Prescribed Fire Training Center 3250 Capital Circle SW Tallahassee, FL 32310	Greg Seamon 850.523.8631 gseamon@tnc.org

COURSE DESCRIPTION: This course is the fourth in a series designed to develop fire behavior and prediction knowledge and skills. This course prepares the student for S-590, Advanced Fire Behavior Interpretation. Examples and exercises are divided between wildfire and prescribed fire applications. The student learns to project fire perimeter growth based on weather predictions and knowledge of fuels and topography, using a variety of scenarios.

OBJECTIVES: Demonstrate the assumptions, limitations, and appropriate uses of fire behavior prediction models. Demonstrate computation of wildland fire behavior parameters using advanced techniques to define model inputs and compute outputs. Demonstrate the procedures to predict fire growth and extreme fire behavior in complex terrain. Demonstrate ability to predict when wildland fire behavior in the third dimension is likely, and the associated impacts on firefighter safety and operations.

TARGET GROUP: Personnel desiring to be qualified as a fire behavior analyst (FBAN), long term fire analyst (LTAN), or other fire personnel who would benefit from this course (RXB1/2).

COURSE PREREQUISITES: Introduction to Wildland Fire Behavior Calculations (S-390). Proficient with automated fire behavior calculation programs such as BEHAVE.

PRE-COURSE WORK: There is a pre-course test that must be administered by your supervisor and returned to the course coordinator. To attend you must pass at 70% or above.

COST: **There is no tuition for this course.** All costs for travel, per diem, and salary will be the responsibility of the sending unit.

LODGING & TRANSPORTATION: Information will be included in the acceptance letter regarding the logistics of lodging and transportation.

NOMINATIONS: Download a form from the National Wildland Fire Training website, http://www.nationalfiretraining.net/nomination_forms.html, and **submit by FAX or email to:**

Lillian Dyck
U.S. Forest Service
ldyck@fs.fed.us
850.523.8635