

S-390 INTRODUCTION TO WILDLAND FIRE BEHAVIOR CALCULATIONS

Overview: This 42 hour course is designed to introduce students to fire behavior calculations while using Behave Fire Modeling System. Students will gain an understanding of the determinants of fire behavior through studying inputs (weather, slope, fuels, and fuel moisture). Students will 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.

Prerequisites:

- Intermediate Wildland Fire Behavior (S-290)
- Qualified as a single resource boss.
- Satisfactory completion of pre-selection assessment.
- Satisfactory completion of pre-course work.

Location: Withlacoochee Training Center, 24059 Childs Road, Brooksville, FL 34601

Course Fees: \$200 tuition, \$45.00 per night lodging, \$36.00 per 3/day meals

Contact:

Course Coordinator

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Invoicing: Payment of invoices initiates the release and delivery of your course certificate, contact Ms. Harrod for invoicing and payment questions.