

Introduction to the 40 Fire Behavior Fuel Models

Course Outline

Using Blackboard Introductory Lesson: *approximately 15 minutes*

This introductory presentation explains how to navigate the Blackboard program, including instructions on accessing lessons, exercises, and documents, taking quizzes, and understanding the course format.

Lesson 1: Overview: *approximately 40 minutes*

This lesson provides an overview of the 40 Fire Behavior Fuel Models – especially as they relate to the original Anderson (1982) 13 Fire Behavior Fuel Models. The lesson covers the following information:

- What fuel models are and the history behind them
- The need leading to the creation of this new set of models
- The various characteristics of the models and the naming conventions used
- The use of the dynamic fuel model concept

Lesson 1 Quiz

Lesson 2: Fuel Model Resources: *approximately 40 minutes*

This lesson describes how to acquire and use the three main resources available for learning the characteristics and the 40 Scott and Burgan fuel models: a general technical report, an electronic help file, and a fire behavior comparison spreadsheet.

Lesson 2 Exercise

Lesson 2 Exercise Solutions

Lesson 2 Quiz

Lesson 3: Fuel Model selection: *approximately 1 hour fifteen minutes*

This lesson provides the participant with specific direction for using the fuel model selection guide to select one of the 40 Scott and Burgan fuel models for use in a fire modeling system.

Lesson 3 Exercise

Lesson 3 Exercise Solutions

Lesson 3 Quiz
