COURSE DESCRIPTION

All students are responsible for bringing their **LAPTOP, IPAD, IRPG** (Incident Response Pocket Guide), **FLHB** (Fireline Handbook), and applicable **PTB** (Position Task Book) to each class session. Additional items to bring will be mentioned in the course acceptance letter. As a student, you are responsible for double-checking your enrollment status and current address, phone numbers, and email addresses. This will help ensure that you will receive any and all information pertaining to the class for which you are enrolled. **If your supervisor has enrolled/nominated you, it's critical that you double-check your enrollment status.**

To see the updated enrollment for a class, go to uvu.edu/ufra/training/wildland/schedule.html and click on the "roll" link. These are updated weekly. If you have any questions or concerns, call Michael Alforque at (559)696-5877 or email michael.alforque@uvu.edu

S-390. INTRODUCTION TO WILDLAND FIRE BEHAVIOR CALCULATIONS

Course Description
This course is designed to introduce fire behavior calculations by manual methods, using nomograms and the Fireline Handbook Appendix B: Fire Behavior, PMS 410-2. Students gain an understanding of the determinants of fire behavior though 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
Upon successful completion of this course, students should be able to:
- 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 be qualified as Division/Group Supervisor (DIVS), Prescribed Fire Burn Boss Type 2 (RXB2), or Incident Commander Type 3 (ICT3).

Course Prerequisites
- Intermediate S-290, Wildland Fire Behavior.
- Qualified as any single resource boss.
- Satisfactory completion of pre-selection assessment and pre-course work.