



COURSE DESCRIPTION



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

By clicking on the **ROLL** for each class, you can see an updated class enrollment. This will be done weekly. Any questions or concerns call Angie Menlove (801)863-7704 and or Dan Cather (801) 863-7423.

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 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.

Objective:

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