



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. Classes will start at **0900** on the first day and **0800** thereafter. All one day classes will start at **0800**. 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.

RX-310 (RX-340) - INTRODUCTION TO FIRE EFFECTS

Course Description:

This course provides the student with the knowledge and skills necessary to recognize basic fire regimes, the effects of fire treatments on first order fire effects, and to manipulate fire treatments to achieve desired first order fire effects.

This course is supplemented by the NWCG Fire Effects Guide, NFES #2394 (1994).

Objectives:

Given basic fire regimes, management objectives, biotic adaptations, resource responses, cultural limitations, surface and subsurface heat as it relates to fuel consumption and fuel moisture, pre/post-burn environmental conditions, and land use activity, the student will be able to:

- Describe fire as an ecological process.
- Describe applications and limitations of fire use.
- Describe first order fire effects and how to measure them.
- Describe the interaction of fire characteristics on natural and cultural resource components that determine first order fire effects.
- Discuss how to manipulate fire treatments to achieve desired first order fire effects.

Given a specific treatment, the student will be able to:

- Describe reasons for the variation in post-fire effects.
- Compare the effects of prescribed fire with other treatment methods.
- Describe first order fire effects and how to measure them.

Target Group:

Prescribed fire crew member slated for burn boss, monitor, or other prescribed fire positions.
Interdisciplinary Team resource advisors.

Course Prerequisites:

Working knowledge of fire behavior.
Understanding of basic ecological principles.
Successfully complete all pre-course work.