



## **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-410 - SMOKE MANAGEMENT TECHNIQUES**

#### **Course Description:**

This course leads students through the ecological and historical role of fire, characteristics of smoke and the health, safety and visibility impacts of smoke. Other topics include: public relations, legal requirements, meteorology, fuel consumption, smoke production dispersion modeling, and operational smoke management strategies.

This course is designed to be interactive in nature. It contains a panel discussion, several exercises designed to facilitate group and class participation and case studies from a variety of fuel types and political challenges. The pre-course work assignment is designed to familiarize students with the Smoke Management Guide and air quality regulations that impact prescribed fire programs.

#### **Objectives:**

The overall objective of this course is to provide land managers with the knowledge to manage smoke and reduce its impacts on public health and welfare. Given existing and potential air quality regulations, political and social sensitivities, the students will be able to:

- Predict, manage, and monitor prescribed fire smoke.
- Describe the legal, professional, and ethical reasons for managing smoke.
- Describe the roles of federal, state, and local agencies and organizations involved with and affected by smoke from prescribed fire.

#### **Target Group:**

Prescribed fire burn boss type 1 (RXB1) and the long term fire analyst (LTAN).

Other positions that would benefit from Rx-410 include: ignition specialist, fire effects monitor, air regulators, Fire ecologists, private landowners (e.g., TNC, Plum Creek, and consortia), other state and private agencies, prescribed fire consultants, fire planners.

#### **Course Prerequisites:**

Students should have a background in prescribed fire planning, implementing, monitoring, permitting or smoke/air regulating.