

Course Announcement

RX-410 SMOKE MANAGEMENT TECHNIQUES



Course Dates: April 14-18, 2025

Course Location: 100% Virtual Instructor-Led Webinar (Zoom and WFLP)

Tuition: \$0

National Training Delivery Team (NDT) Program Manager:

Liz Figgins; liz.figgins@nafri.gov

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 NWCG Smoke Management Guide for Prescribed Fire, [PMS 420-2](#), and air quality regulations that impact prescribed fire programs.

Target Group:

Prescribed Fire Burn Boss Type 1 ([RXB1](#)), Prescribed Fire Burn Boss Type 2 ([RXB2](#)), and the Long Term Fire Analyst ([LTAN](#)).

Other positions that would benefit from RX-410 include Fire Effects Monitor ([FEMO](#)), air regulators, fire ecologists, private landowners, other state and private agencies, prescribed fire consultants, fire planners.

Total Hours:

Pre-course work: 2 hours

Asynchronous/Virtual Instructor-Led Training: 32 hours

Course Total: 34 hours

RX-410 Prerequisites:

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

Satisfactory completion of pre-course work.

Nominations:

Nominees must meet the prerequisites and obtain a [Wildland Fire Learning Portal Account](#) prior to nomination.

Complete the RX-410 Nomination Form here: [RX-410 Nomination Form](#)

Cadre Interest:

Complete the Cadre Interest Form here: [RX CADRE INTEREST](#)

Selections:

Students will be selected based on priorities set by Geographic Area Training Representatives and shortage positions/qualifications which require the course. Individuals requiring these courses for NWCG qualifications will be prioritized. Selection letters will be sent to students and Geographic Area Training Representatives approximately 2 weeks prior to each course session.

Please direct questions about this course to Liz Figgins, liz.figgins@nafri.gov.