

2023 MAFFPC Wildland Fire Training Academy

Course Descriptions

Please be aware that courses may be subject to cancellation due to insufficient enrollment or instructor unavailability. Any changes or updates will be communicated to the registered students immediately.

[Be sure to view the additional information noted in underlined links](#)

CP = Commuter Package | BP = Bundled Package

A-219 Helicopter Transport of External Cargo

Cost: \$90.00

Instructor: Rob Gil, NJS

Course Description: This course provides technical training and procedures for agency personnel performing helicopter external load operations. Participants will receive classroom and field training and will be asked to demonstrate proper procedures to safely conduct helicopter external load operations. Participants will be given the opportunity to develop the skills to safely perform hover hookups and/or longline operations, via a live helicopter. The Instructor may choose to incorporate one or both activities.

Target Group: Personnel performing helicopter external load operations.

Prerequisite Qualifications and Training: Satisfactory completion of pre-course work.

Pre-course Work: A-100 Basic Aviation Safety, A-110 Aviation Transportation of Hazardous Materials (HAZMAT), and A-200 Mishap Review. 10 Hours

FI-210-Wildland Fire Origin and Cause Determination

Cost: \$475

Instructor: Terry Smith, PAS

Course Description: The primary purpose of this course is to provide a consistent knowledge and skill base for the Wildland Fire Investigator ([INVF](#)). The concepts taught in this course will help an [INVF](#) perform at an acceptable level on a national basis without regard to geographic boundaries. The course is presented by lectures, electronic presentations, field exercises, and class discussion.

Target Group: Recommended training for experienced fire personnel and law enforcement officers with wildland fire investigation responsibilities.

Prerequisite Qualifications and Training: Recommend students have law enforcement or firefighter experience. An interactive, self-paced pre-course work will familiarize students with the background information necessary to successfully complete the course.

Satisfactory completion of pre-selection assessment.

Satisfactory completion of pre-course work.

Pre-course Work: 2 Hours

M-410-Facilitative Instructor

Cost: \$370 CP | \$650 BP

Instructor: Maris Gabliks

Course Description: This training course is designed to help students become effective facilitative instructors. The purpose of this course is to improve training delivery and quality by presenting instructional methods with an emphasis on student-oriented adult training techniques. This course is designed for students to meet NWCG instructor requirements.

Target Group: Personnel who will be instructing NWCG courses.

Prerequisite Qualifications and Training: Satisfactory completion of pre-course work.

Pre-course Work: 1 Hour

PMS-419, Wildland Engine Operator

Cost: \$380 CP | \$720 BP

Instructor: Todd Breininger, PAS

Course Description: This training is intended to provide students with the knowledge they need to safely and effectively utilize engines in the wildland fire environment with a minimum of down time. Students will be instructed in fire apparatus operations including, driving on/off road, winching, and engine maintenance, as well as pumping operations and water handling. The course provides a solid foundation of information and hands-on training to develop the skills needed for the Engine Operator's day-to-day activities. Additional on-the-job-training and completion of an Engine Operator's Position Task Book will be needed to fully equip engine operators with the skills required to perform their jobs safely and proficiently.

Target Group:

Prerequisite Qualifications and Training:

S-130 - Firefighter Training

Cost: \$320 CP | \$580 BP

Instructor: Chip Broadwater – MDS

Course Description: The intent of this course is to train new firefighters in basic firefighting skills. This

includes a required field exercise that may be arduous in nature.

S-190, Introduction to Wildland Fire Behavior is a prerequisite and must have been successfully completed prior to taking the S-130, Firefighter Training course.

L-180, Human Factors on the Fireline, is no longer included as part of this course. Students that successfully complete S-130, Firefighter Training will no longer be given credit for completing L-180, Human Factors on the Fireline.

The L-180 course will now be presented as a standalone course. This can be accomplished through facilitation of an Instructor-Led version of the course or directing students to complete the Self-Directed (Online) version of the course. Review the specifics

at <https://www.nwccg.gov/publications/training-courses/l-180/course-delivery>.

Pre-course work: Students will be directed to complete [S-190 - Introduction to Wildland Fire Behavior](#) online prior to attending S-130.

Target Group: Entry-level firefighters.

L-280, Followership to Leadership

Cost: \$170 CP | \$320

Instructor: Jeremy Waite, USFS-WAF

Course Description: This training course is designed as a self-assessment opportunity for individuals preparing to step into a leadership role. The course combines one day of classroom instruction followed by a second day in the field with students working through a series of problem-solving events in small teams (Field Leadership Assessment Course). Topics include leadership values and principles, transition challenges for new leaders, situational leadership, team cohesion factors, ethical decision-making, and after-action review techniques. Some course delivery may be arduous in nature.

Prerequisite Qualifications, Experience and Training: Experience on incident assignments in operations or support functions.

Successful completion of [L-180](#), Human Factors in the Wildland Fire Service.

Satisfactory completion of pre-course work

Target Group: Personnel desiring to be qualified as single resource boss.

S-200, Initial Attack Incident Commander

Cost: \$190 CP | \$300 BP

Instructor: Ryan Sundberg, WAF

Course Description: This course is designed to meet the training needs of the incident commander type 4 ([ICT4](#)). It is presented in a discussion/exercise format. The six instructional units include Foundation Skills; Intelligence Gathering and Documentation; Size Up the Incident;

Develop a Plan of Action; Post-fire Activities; Evaluating Incident Objectives and Manage the Incident. Evaluation of the student is by unit tests and performance-based evaluations.

Prerequisite Qualifications and Training: Qualified as any single resource boss and satisfactory completion of pre-course work.

Target Group: Personnel desiring to be qualified as Incident Commander Type 4 ([ICT4](#)).

S-219, Firing Operations

Cost: \$190 CP | \$300 BP

Instructor: Tom Shuman, OHS

Course Description: This course was developed using a blended approach to learning. Students are required to complete the online training portion of the course prior to taking the ILT. The course introduces the roles and responsibilities of a Firing Boss, Single Resource ([FIRB](#)), and outlines duties of other personnel who may engage firing operations. The course discusses and illustrates common firing devices and techniques. Although comprehensive in nature, the course work is not a substitute for the dynamic fire environment. The course provides students with important information regarding general tasks required to be successful. Any opportunity to show students a real ignition or demonstrate the use of an actual firing device will assist in transferring these new concepts and skills to the job. There is an optional field day outlined in the course, it is the discretion of the delivery unit to include the field day; however, if logistically feasible it is suggested by NWCG that a field day be conducted.

Objectives:

Identify the roles and responsibilities of the [FIRB](#) for planning, execution, safety, coordination, and evaluation of an ignition operation on a wildland or prescribed fire. Describe the characteristics, applications, safety and availability of the various firing devices a [FIRB](#) has at their disposal.

Given a wildland or prescribed scenario, prepare a firing plan and briefing that contains desired fire behavior, firing techniques, required resources, coordination, safety and risk management factors, and communication, to meet specific objectives.

Prerequisite Qualifications and Training: Qualified as a firefighter type 2 ([FFT2](#)).

Target Group: Personnel desiring to be qualified as Firing Boss, single resource ([FIRB](#)) and Firefighter Type 1 and 2 personnel looking to gain valuable information to conduct or participate in firing operations.

S-211, Portable Pumps and Water Use

Cost: \$250 CP | \$440 BP

Instructor: Samuel Urfer, USFS-MOF

Course Description: This course is designed to provide knowledge and skills to design, setup, operate, troubleshoot, and shut down portable water delivery systems. The focus is on portable pumps – it does not address water delivery for engines. Topics covered include: portable water delivery systems; equipment; roles and responsibilities; and system design and hydraulics. There is also a field exercise where students will apply what they learned in the classroom.

Prerequisite Qualifications and Training: None

Target Group: Personnel desiring to be qualified as Firefighter Type 1 ([FFT1](#)) or Incident Commander Type 5 ([ICT5](#)), or those wanting to learn more about portable pumps and water use.

S-231, Engine Boss

Cost: \$190 CP | \$300 BP

Instructor: Susan Greenleaf

Course Description: This is a skill course designed to produce student proficiency in the performance of the duties associated with Engine Boss, Single Resource ([ENGB](#)). Topics include engine and crew capabilities and limitations, information sources, fire size up considerations, tactics, and wildland/urban interface.

Prerequisite Qualifications and Training: Qualified as a Firefighter Type 1 ([FFT1](#)). Successful completion of S-230, Crew Boss (Single Resource) ([CRWB](#)) (instructor led or blended delivery).

Target Group: Personnel desiring to be qualified as Engine Boss, single resource ([ENGB](#)).

S-212 - Wildland Fire Chainsaws

Cost: \$320 CP | \$585 BP

Instructor: Aaron Cook

Course Description: This is an instructor-led course intended to be presented at the local level. The course lessons provide introduction to the function, maintenance and use of internal combustion engine powered chainsaws, and their tactical wildland fire application. Field exercises support entry level training for firefighters with little or no previous experience in operating a chainsaw, providing hands-on cutting experience in surroundings similar to fireline situations.

Prerequisite Qualifications and Training: Qualified as a Firefighter Type 2 ([FFT2](#)) AND satisfactory completion of pre-course work.

Pre-course Work: 1 Hour

Target Group: Individuals desiring to be qualified as Basic Faller ([FAL3](#)), Firefighter Type 1

([FFT1](#)), Incident Commander Type 5 ([ICT5](#)), or Felling Boss, Single Resource ([FELB](#)).

[RX-301/341 Prescribed Fire Implementation and Plan Preparation - VIRTUAL](#)

Cost: \$275

Instructor: John Ashcraft – FWS

Course Description: This course is designed to introduce students to the tools and techniques used to perform in the role of a prescribed fire burn boss. The course material is based on the tasks found in the position task book for prescribed fire burn boss. It leads the student through the duties and responsibilities associated with the position of the prescribed fire burn boss including evaluation and implementation of a prescribed fire plan. This course will also provide students with the skills/knowledge to prepare a prescribed fire plan for technical review and approval in accordance with the Interagency Prescribed Fire Planning and Implementation Procedures Reference Guide [PMS 484](#).

Prerequisite Qualifications and Training: Qualified as a Firing Boss, Single Resource ([FIRB](#)) and Incident Commander Type 4 ([ICT4](#)); Completion of [S-390](#) – Introduction to Wildland Fire Behavior Calculations, proficient in use of BehavePlus, and satisfactory completion of pre-selection assessment. Personnel must also have knowledge of fire suppression principles and techniques.

Pre-Course work: **Estimated 34 hours**

Target Group: Personnel desiring to be qualified as prescribed fire burn boss type 2 (RXB2) and personnel involved in or that plan to be involved in the preparation of prescribed fire plans. Other positions that would benefit from this course are firing boss (FIRB), fire effects monitor (FEMO), air regulators, fire ecologists, private landowners, other state and private agencies, prescribed fire consultants, and fire planners.

[S-215, Fire Operations in the Wildland Urban Interface](#)

Cost: \$175 Online | \$250 CP

Instructor: Jeffrey (Zeke) Seabright, NPS-NCA

Course Description: This is an instructor-led course intended to be presented at the local level. Instructional units include firefighter safety in the interface, managing human factors in the interface, pre-incident planning, sizeup and initial strategy, structure triage, structure protection overview, tactics in the interface, tactical operations and resource use in the interface, action assessment, plan update, and after-action review

Prerequisite Qualifications and Training: Qualified as a Firefighter Type 1 ([FFT1](#)).

Target Group: Designed to assist any emergency responders who will be planning for and making operational decisions during an interface incident. This course is for personnel desiring to be qualified as Incident Commander Type 4 ([ICT4](#)), Task Force Leader ([TFLD](#)), or any Strike Team Leader.