

# 2022 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*

## FI-310- Wildland Fire Investigation: Case Development

**Cost:** \$475

**Instructor:** Derek Keiser - VAS

**Course Description:** This course provides an introduction into the law enforcement case development of major wildland arson, including serial arson. Students are instructed in strategies and tactics to combat serial wildland arson and work in groups to develop a case plan and presentation based on an actual wildland arson case. Course includes extensive pre-coursework reading, exercises, and a test. Due to the sensitive nature of the materials in this course, the course is maintained by the Wildland Fire Investigation Subcommittee. See Roster for contact information

at <https://www.nwcg.gov/committees/wildland-fire-investigation-subcommittee>.

**Prerequisite Qualifications and Training:** Qualified as wildland fire investigator (INVF); Satisfactory completion of pre-selection assessment; and Satisfactory completion of pre-coursework.

**Pre-course work:** 13 hours

**Pre-selection assessment:** 2 hours

**Target Group:** *This course is limited to state or federal agency.* Personnel desiring to be qualified as wildland fire investigation team members (INTM).

## L-380- Fireline Leadership

**Cost:** \$395

**Instructor:** Frank Norbury - Adaptive Training Options

**Course Description:** This is a leadership development training recommendation for unit supervisors. The training should be designed to provide at least 50% of the delivery time as exercises and simulations. Some approved course packages may be arduous in nature. Low student-to-instructor ratios are necessary for successful exercise/simulation-based training delivery. A dedicated cadre of at least three instructors is recommended for a class size of 20-25 students.

L-380 is targeted at leaders whose decisions have immediate consequences in dynamic, high-risk environments. The intent is to provide small unit supervisors with the tools to build

and maintain effective and cohesive crews/teams. Beyond a set of tools and techniques, this training experience should be designed to make an emotional and lasting impact. Essential guiding principles for achieving this impact include: enhancing the students' understanding of the human dimension when leading others in dynamic work environments; utilizing experiential training techniques that will engage students in ways that challenge them to perform under realistic and high-stress situations; and motivating students to examine their role, strengths, and weaknesses as a leader.

The course addresses these topics:

- Application of leadership styles
- Communicating vision and intent
- Team building
- Detecting operational error
- Managing stress

**Prerequisite Qualifications, Experience and Training:** Incident personnel with supervisory responsibilities; successful completion of [L-180](#), Human Factors in the Wildland Fire Service; and Satisfactory completion of pre-course work.

**Pre-course work:** 8 hours

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

### **S-130 - Firefighter Training**

**Cost:** \$590

**Instructor:** Chip Broadwater – MDS

**Course Description:** This course is designed to provide entry-level firefighter skills and includes 1-day of training exercises in the field. s The L-180, Human Factors on the Fireline, has been included as part of this course. Credit will be issued for both [S-130](#) and [L-180](#) upon completion of this course.

**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.

### **S-131-Firefighter Type 1**

**Cost:** \$225

**Instructor:** Rodger Ozburn - WVS

**Course Description:** : Firefighter Type 1 is designed to meet the training needs of the

Firefighter Type 1 ([FFT1](#)) and/or Incident Commander Type 5 ([ICT5](#)). Topics include [operational leadership](#), communications, [LCES](#), and [tactical decision-making](#).

**Prerequisite Qualifications and Training:** Students must be qualified as Firefighter Type 2 ([FFT2](#)).

**Pre-course work:** N/A

**Target Group:** Personnel desiring to be qualified as Firefighter Type 1 ([FFT1](#)) and/or Incident Commander Type 5 ([ICT5](#)).

### **S-211 - Portable Pumps and Water Use**

**Cost:** \$450

**Instructor:** Chad Northcraft – PAS

**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:** N/A

**Pre-course work:** N/A

**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-212 - Wildland Fire Chainsaws**

**Cost:** \$575

**Instructor:** Luke Mongrain - MDS

**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](#)).

### **S-271-Helicopter Crewmember**

**Cost:** \$450

**Instructor:** Rob Gill - NJS

**Course Description:** This is a combined classroom/field course designed to provide student proficiency in all areas of the tactical and logistical use of helicopters to achieve efficiency and standardization. Topics include aviation safety, aircraft capabilities and limitations, aviation life support equipment, aviation mishap reporting, pre-flight checklist and briefing/debriefing, aviation transportation of hazardous materials, crash survival, helicopter operations, helicopter field exercise. Refer to the Interagency Aviation Training (IAT) Guide for IAT A-course equivalencies: <https://www.iat.gov/>.

**Prerequisite Qualifications and Training:** Fire personnel: Qualified as a Firefighter Type 2 ([FFT2](#)). Non-fire personnel: None.

**Pre-course work:** N/A

**Target Group:** Personnel desiring to be qualified as a Helicopter Crewmember ([HECM](#)).

### **S-355 Ground Support Unit Leader**

**Cost:** \$225

**Instructor:** Chris Alford – NPS

**Course Description:** This course is designed to prepare students to perform the duties of managing the transportation plan, maintenance and related services at an incident. Topics include gathering information about the assignment; organizing, staffing, and laying out the unit; field inspection of equipment; operation and coordination of the unit with other units, and demobilization.

**Prerequisite Qualifications and Training:** Qualified as Equipment Manager ([EQPM](#)).

**Pre-course work:** N/A

**Target Group:** Personnel desiring to be qualified as Ground Support Unit Leader ([GSUL](#)).

### **D-310 Expanded Dispatch Support Dispatcher**

**Cost:** \$445

**Instructor:** Tracy Allen

**Course Description:** This course is designed to prepare students to accomplish the duties and

responsibilities of an Expanded Dispatch Support Dispatcher ([EDSD](#)). Through hands-on exercises that utilize the Interagency Resource Ordering Capability (IROC) system, students will organize, plan, and implement a dispatch area to meet the needs of the incident(s); follow established policies and procedures using resource orders and supplemental forms, to mobilize, reassign, and demobilize resources; and demonstrate the ability to respond to changing priorities and situations.

**Prerequisite Qualifications and Training:** Qualified as an Expanded Dispatch Recorder ([EDRC](#)) AND satisfactory completion of pre-course work and pre-selection assessment

**Pre-course work:** 6-8 hours

**Pre-selection assessment:** 6-8 hours

**Target Group:** Personnel desiring to be qualified as Expanded Dispatch Support Dispatcher ([EDSD](#))

### **[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:** This virtual course has pre-course work (estimated 4 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-354-Facilities Unit Leader - VIRTUAL**

**Cost:** \$175

**Instructor:** Gene Paul Matson - Contractor

**Course Description:** This course prepares students to perform the job of Facilities Unit Leader ([FACL](#)) as outlined in the *NIMS: Wildland Fire Qualification System Guide*, [PMS 310-1](#), and the position task book developed for the position. The instructional methods of the course include lecture with PowerPoint presentations, classroom exercises, and discussions. The lessons provide an introduction to operational leadership, mobilization, arrival at an incident, risk management, safety and tactics, demobilization, and post-incident responsibilities.

**Prerequisite Qualifications and Training:** Qualified as Base/Camp Manager ([BCMG](#)).

**Pre-course work:** N/A

**Target Group:** Personnel desiring to be qualified as Facilities Unit Leader ([FACL](#)).

### **S-357- Food Unit Leader - VIRTUAL**

**Cost:** \$225

**Instructor:** Tom Boyd – AD, MDS

**Course Description:** This course is designed to meet the training needs of a Food Unit Leader ([FDUL](#)). Topics include information about the assignment, coordination, general information, safe food handling, national contract administration, alternate feeding methods, and demobilization. A significant portion of this course is devoted to examining the administration of the National Mobile Food Services Contract as it applies to the [FDUL](#).

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

**Pre-course work:** 2 Hours

**Target Group:** Personnel desiring to be qualified as Food Unit Leader ([FDUL](#)).

### **S-404- Safety Officer - VIRTUAL**

**Cost:** \$225

**Instructor:** Tommy Hawkins – Contractor

**Course Description:** This course is designed to meet the training needs of a Safety Officer Type 1 ([SOF1](#)), Safety Officer Type 2 ([SOF2](#)), and Line Safety Officer ([SOFR](#)) on an incident as outlined in the *NIMS: Wildland Fire Qualification System Guide*, [PMS 310-1](#), and the position task book developed for the position.

**Prerequisite Qualifications and Training:** Qualified as Division/Group Supervisor ([DIVS](#)) AND Satisfactory completion of pre-course work.

**Pre-course work:** 2 Hours

**Target Group:** Personnel desiring to be qualified as Safety Officer Type 2 ([SOF2](#)), Safety Officer Type 1 ([SOF1](#)) and Line Safety Officer ([SOFR](#)).

### **S-330- Task Force/Strike Team Leader - VIRTUAL**

**Cost:** \$175

**Instructor:** Ryan Sundburg - USFS

**Course Description:** This course is designed to meet the training requirements outlined in *NIMS: Wildland Fire Qualification System Guide, PMS 310-1* and the position task books developed for the positions of Task Force Leader and Strike Team Leader. Most examples and exercises in this package are specific to wildland fire suppression, although some all-hazards exercises are included.

**Prerequisite Qualifications and Training:** Qualifies as any single resource boss AND Satisfactory completion of pre-selection assessment and pre-course work.

**Pre-course work:** 1 hour

**Pre-selection assessment:** 1 hour

**Target Group:** Personnel desiring to be qualified as task force leader ([TFLD](#)) or any strike team leader.