

# SBWFA 2019 Course Descriptions

## **S-130/S-190/L180/S-133/S-134: Firefighting Training; Intro to Wildland Fire Behavior; Human Factors on the Fireline**

**Prerequisites: None**

**Pre-work: Yes — I-100** available at: <https://training.fema.gov/is/courseoverview.aspx?code=IS-100.b>

This introductory course is designed to train entry-level firefighters referred to as a Firefighter Type 2 (FFT2). You will be introduced to and gain knowledge of the basic incident management organization, firefighting techniques, suppression equipment, safety, strategy/tactics along with fire behavior. Field exercises will be performed for valuable hands-on training. Includes L-180, S-133 and S-134.

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

**Prerequisites: Qualified as a FFT2**

**Pre-work: None**

S-131 is an eight-hour course designed to meet the training needs of the Firefighter Type 1 (FFT1). This course is designed to be interactive in nature. It contains several tactical decision games designed to facilitate learning the objectives and class discussion. Topics include fire line reference materials, communications, and tactical decision-making. This course is also designed to train Incident Commander Type 5 (ICT5) and Firefighter Type 1 (FFT1) to identify environmental factors and indicators of hazardous fire conditions, and how to use these indicators when implementing the Risk Management Process.

## **S-230: Crew Boss**

**Prerequisites: Qualified as a FFT1, S-290**

**Pre-work: Yes —** available at: <https://onlinetraining.nwccg.gov/node/195>

This is a classroom course designed to produce student proficiency in the performance of duties associated with the Single Resource Boss position from initial dispatch through demobilization to the home unit. Topics include operational leadership, preparation and mobilization, assignment preparation, risk management, entrapment avoidance, safety and tactics, offline duties, demobilization, and post incident responsibilities.

## **S-231: Engine Boss**

**Prerequisites: Qualified as a FFT1, S-230**

**Pre-work: None**

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.

# SBWFA 2019 Course Descriptions

## **S-273: Single Engine Airtanker Manager**

**Prerequisites:** S-270

**Pre-work: Yes — available at:** <https://onlinetraining.nwcg.gov/node/181> & Students are required to complete five online modules and complete an assessment prior to coming to class. Refer to the Interagency Aviation Training (IAT) Guide for IAT A-course equivalencies: <https://www.iat.gov/>

This course was developed using a blended approach to learning. This course is designed to meet the training needs of a Single Engine Airtanker Manager (SEMG) as outlined in the NIMS: Wildland Fire Qualification System Guide, PMS 310-1, and the position taskbook developed for the position.

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

**Prerequisites:** Qualified as any Single Resource Boss

**Pre-work: Yes — available at:** <https://onlinetraining.nwcg.gov/node/202>

This course is designed to meet the training requirements outlined in NIMS: Wildland Fire Qualification System Guide, PMS 310-1 and the position taskbooks 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.

## **S-372: Helicopter Management**

**Prerequisites:** Qualified as a HECM

**Pre-work: None**

This course prepares students to perform the job of Helicopter Manager (HMGB). Unit lectures supported by slides and graphics are designed to facilitate class discussion and group exercises. The final exercise gives students a realistic Helicopter Manager experience; in addition to answering test questions, the student completes necessary forms required by the position.

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

**Prerequisites:** Qualified as a INV F

**Pre-work: Yes**

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-course work 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>.

# SBWFA 2019 Course Descriptions

## M-410: Facilitative Instructor

**Prerequisites:** None

**Pre-work:** Yes— available at: <https://onlinetraining.nwcg.gov/node/188>

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 qualifications.

## RX-410: Smoke Management

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

**Pre-work:** Yes — available at: <https://onlinetraining.nwcg.gov/node/191>

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.

## D-110: Expanded Dispatch Recorder

**Prerequisites:** None

**Pre-work:** None

This course provides students with the skills to perform as an Expanded Dispatch Recorder (EDRC). Topics include the structure of the expanded dispatch organization, description of resource ordering and status process, and the importance of the EDRC having effective communication skills and working relationships. The final is a 4-hour, scenario-based exercise where students will complete resource order forms based on timed inputs and supplemental handouts. A Reference Guide at the end of Unit 3 contains reference documents for students to use during the course and when on assignment. The course gives a very general overview of Resource Ordering and Status System (ROSS) — it does not teach students how to use ROSS.

## L-280 Fellowship to Leadership

**Prerequisites:** L-180

**Pre-work:** Yes — available at: [https://www.fireleadership.gov/courses/L\\_280/L280\\_prework.html](https://www.fireleadership.gov/courses/L_280/L280_prework.html)

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.

# SBWFA 2019 Course Descriptions

## I-300: Intermediate ICS

**Prerequisites:** Completion of Basic ICS Course (I-200)

**Pre-work:** None

This course provides description and detail of the Incident Command System (ICS) organization and operations in supervisory roles on expanding or Type 3 incidents. Topics include ICS fundamentals review, incident/event assessment and agency guidance in establishing incident objectives, Unified Command, incident resource management, planning process, demobilization, transfer of command, and close out. This course was developed in conjunction with the U.S. Fire Administration (H465) and the Emergency Management Institute (G300). These courses are built on the same lesson objectives and content as the NWCG I-300 course and are interchangeable; they are all National Incident Management System (NIMS) compliant.

## I-400: Advanced ICS

**Prerequisites:** Completion of Intermediate ICS (I-300)

**Pre-work:** None

This course directs the student towards an operational understanding of large single-agency and complex multi-agency/multi-jurisdictional incident responses. Topics include fundamentals review for command and general staff, major and/or complex incident/event management, area command, and multi-agency coordination. This course was developed in conjunction with the U.S. Fire Administration (H467) and the Emergency Management Institute (G400). These courses are built on the same lesson objectives and content as the NWCG I-400 course and are interchangeable; they are all National Incident Management System (NIMS) compliant.

## S-200 Initial Attack Incident Commander

**Prerequisites:** Qualified as a Single Resource Boss

**Pre-work:** Yes— available at: <https://onlinetraining.nwcg.gov/node/192>

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.

## RT-130: Annual Fireline Safety Refresher Training

**Prerequisites:** None

**Pre-work:** None

Annual Fireline Safety Refresher Training should be designed to provide up to date fireline safety information to employees holding Incident Command System qualifications requiring this training per the 2006, PMS 310-1, Wildland Fire Qualification System Guide. Individual sessions of Annual Fireline Safety Refresher Training should contain content pertinent to the registered students.

# SBWFA 2019 Course Descriptions

## S-236 Heavy Equipment Boss

**Prerequisites:** Qualified as a FFT1

**Pre-work: Yes—** available at: <https://onlinetraining.nwcg.gov/node/196>

This is a skill course designed to meet the training needs of a Heavy Equipment Boss, Single Resource (HEQB) on an incident as outlined in the NIMS: Wildland Fire Qualification System Guide, PMS 310-1, and the position taskbook developed for the position. Primary considerations are tactical use and safety precautions required to establish and maintain an effective dozer operation. A field exercise is required as part of the course.

## S-219: Firing Operations

**Prerequisites: Qualified as a FFT2**

**Pre-work: Yes—** available at: <https://onlinetraining.nwcg.gov/node/178>

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.

## S-212: Wildland Fire Chainsaws

**Prerequisites: Qualified as a FFT2**

**Pre-work: Yes—** available at: <https://onlinetraining.nwcg.gov/node/194>

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 chain saws, and their tactical wildland fire application. Field exercises support entry-level training for firefighters with little or no previous experience in operating a chain saw, providing hands-on cutting experience in surroundings similar to fireline situations.