



New York Wildfire and Incident Management Academy

2024 Fall Training Session

at Brookhaven National Laboratory

Upton, Long Island

October 19 – 25, 2024

TUITION:

REGISTRATION – Open through September 30 - \$80.00 per day, per course

LATE REGISTRATION – After September 30 - \$90.00 per day, per course

SPECIALTY RATES - Available for S-130/190 Field Days Only, S-219, and FI-210

Those with fiscal restrictions may register and apply a purchase order to their registration for payments that cannot be made until after October 1

For questions contact:

nywima@pb.state.ny.us or call directly at (631) 218-1195

or visit www.nywima.com

ACADEMY SPONSORING AND SUPPORTING AGENCIES

• Central Pine Barrens Commission • Central Pine Barrens Wildfire Task Force • Colorado Wildland Fire & Incident Management Academy • U.S. Department of Energy - Brookhaven National Laboratory • Federal Emergency Management Agency • Fire Department New York (FDNY- IMT) • Massachusetts Department of Conservation & Recreation • Nassau County Office of Emergency Management • National Park Service • New Jersey Forest Fire Service • NYS Department of Environmental Conservation • NYS Division of Homeland Security & Emergency Services Office of Emergency Management - Office of Fire Prevention & Control - Office of Interoperable Emergency Communications • NYS Incident Management Team • NYS DEC Forest Rangers • Northeastern Forest Fire Protection Compact • Suffolk County Department of Fire, Rescue & Emergency Services • Suffolk County Department of Parks, Recreation & Conservation • Team Rubicon • United States Coast Guard • U.S. Fish & Wildlife Service • USDA Forest Service

NEW YORK WILDFIRE & INCIDENT MANAGEMENT ACADEMY
C/O NYS CENTRAL PINE BARRENS COMMISSION
624 Old Riverhead Road, Westhampton Beach, NY 11978

COURSE DESCRIPTIONS

| | |
|---|---|
| FI-210 Wildland Fire Origin & Cause Determination <p>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.</p> <p>Prerequisite(s): Completion of pre-selection assessment and pre-work <i>* Specialty Rate - \$450</i></p> | G-131 Wildland Training (FFT1) for Structural Firefighters <p>Course is designed to provide wildland firefighting skills (Firefighter Type 1) to structural firefighters who meet NFPA 1001 for Structural Firefighter 2 or equivalency. Course objectives include: Accurately use navigation tools and maps to identify location. Describe the sizeup elements in a fire situation. Identify position responsibilities and demonstrate the ability to apply principles of Operational Leadership found in the Incident Response Pocket Guide (IRPG), PMS 461. Demonstrate the ability to apply tactical decision-making procedures.</p> <p>Prerequisite(s): Structural firefighters who meet NFPA 1001 for Structural Firefighter Type 2 & are qualified as wildland Firefighter Type 2</p> |
| L-280 Followership to Leadership <p>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.</p> <p>Prerequisite(s): 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. Course is also suitable for any employee who is entering a leadership role</p> | S-130/190 – 5 Day Firefighting Training/Intro to Wildland Fire Behavior <p>Introductory course designed to train entry-level firefighters, Firefighter Type 2 (FFT2). Course covers 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.</p> <p><i>*No Charge to Nassau/Suffolk Volunteer Firefighters</i></p> <p>Prerequisite(s): None</p> |
| S-130/190 Field Days Only Firefighting Training/Intro to Wildland Fire Behavior (Field Days Only) <p>This course is for individuals who have taken S-130/190 online. Students must submit proof upon arrival to the academy that they have completed the online portion of this class. Please visit the Wildland Fire Learning Portal at wildlandfirelearningportal.net/ to complete the online requirements for S-130, S-190, and L-180 (On Demand Self-Enroll Courses).</p> <p><i>*No Charge to Nassau/Suffolk Volunteer Firefighters</i></p> <p>Prerequisite(s): S-130/190, L-180 Online course <i>* Specialty Rate - \$160</i></p> | S-131 Firefighter Type 1 <p>This course is designed to meet the needs of an Advanced Firefighter Type 1 (FFT1). Course is interactive and contains several tactical decision games designed to facilitate learning. Topics include: fireline reference materials, communications and tactical decision making.</p> <p>Prerequisite(s): Qualified as FFT2</p> |
| S-211 Portable Pumps and Water Use <p>This course gives students practical knowledge and application skills in portable pump operations. Field exercises will train students in the setup and operation of a portable pump along with foam applications. Presentation to include pros and cons of retardant use.</p> <p>Prerequisite(s): None</p> | S-215 Fire Operations in the Wildland/ Urban Interface <p>This course is designed to assist initial attack incident commanders and company officers in confronting wildland fires that threaten life, property, and improvements. Course is also suitable for volunteer firefighters who have leadership roles in fire companies that respond to wildland fires.</p> <p><i>*No Charge to Nassau/Suffolk Volunteer Firefighters</i></p> <p>Prerequisite(s): FFT1 qualified. Must be knowledgeable of agency's firefighting policy relating to wildland/urban interface fires</p> |

COURSE DESCRIPTIONS

| | |
|---|--|
| S-219 Firing Operations <p>Identify the roles/responsibilities of the Firing Boss (FIRB) for planning, execution, safety, coordination, and evaluation of ignition operations on a wildland or prescribed fire. Describe/demonstrate the applications of various firing devices. Students will prepare a firing plan and briefing that discusses fire behavior, firing techniques, resource requirements, coordination, safety, and risk factors to meet specific objectives.</p> <p>Prerequisite(s): Qualified as a FFT2 <i>*Specialty Rate - \$270</i></p> | S-230 Crew Boss (Single Resource) <p>Course provides students with the knowledge and skills to perform the duties of the Crew Boss (CRWB) position (NWCG Incident Position Standards for Crew Boss, PMS-350-98). Topics include travel and check-in in, briefings, assigning tasks and assessing crew performance, implementing fire line duties, mop-up, firing operations, using aerial resources, medical emergencies, and wildland urban interface.</p> <p>Prerequisite(s): (FFT1) and successful completion of Intermediate Wildland Fire Behavior (S-290)</p> |
| S-231 Engine Boss (Single Resource) <p>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 sizeup considerations, tactics, and wildland/urban interface. Course objective is to enable the student to perform the tasks of an Engine Boss in making the tactical decisions required to safely manage an engine on an incident.</p> <p>Prerequisite(s): FFT1 and successful completion of S-230 Crew Boss (Single Resource)</p> | S-290 Intermediate Wildland Fire Behavior NEW 2-Day Blended Course <p>New 2-Day blended S-290 course which includes approximately 16 hours of online course work and 2 days in-person to review and complete exercises! Course objectives include: characteristics of fuels, weather, & topography that influence wildland fire behavior; interaction of fuels, weather, and topography on wildland fire behavior, fireline tactics, and safety; causes of extreme fire behavior conditions (long range spotting, crowning, and fire whirls) that develop due to weather, fuels, and/or topography. Interpret, communicate, apply, & document wildland fire behavior and weather information.</p> <p>Prerequisite(s): Completion of S-190 Introduction to Wildland Fire Behavior. Satisfactory completion of online course work through the Wildland Fire Learning Portal (approximately 16 hours).</p> |
| S-300 Extended Attack Incident Commander <p>Course is designed to meet the training needs of the Incident Commander Type 3 (ICT3). Focus is on the lessons of leadership and command as they relate to the ICT3 position. It is presented in participative lecture format with multiple tactical decision games for students to practice new knowledge. The seven instructional units cover Foundation Skills, Situational Awareness, Command and Control, Managing the Incident, Transitional Activities, Post-Fire Activities and a Final Simulation.</p> <p>Prerequisite(s): Qualified as Incident Commander Type 4 (ICT4) and Task Force Leader (TFLD)</p> | S-390 Introduction to Wildfire Behavior Calculations <p>Students gain an understanding of the determinants of fire behavior through studying inputs (weather, slope, fuels, and fuel moisture). Students also learn how to interpret fire behavior outputs, documentation processes, and fire behavior briefing components. Course objectives include: List the assumptions, limitations, and appropriate uses of fire behavior prediction models. Describe how environmental factors and processes affect fire behavior predictions and safety. Define and interpret fire behavior prediction model inputs. Interpret, communicate, apply, and document wildland fire behavior and weather information.</p> <p>Prerequisite(s): Completion of S-290 Intermediate Wildland Fire Behavior. Qualified as any single resource boss. Completion of pre-selection assessment and pre-course work</p> |

INCIDENT COMMAND SYSTEM (ICS) TRAINING



To Register for the ICS courses, follow the instructions below:

1. Visit <https://www.dhSES.ny.gov/training-exercise>. Then click on OEM Training Calendar and Search for the Course By Number or Date
2. To register for these courses you must go through the New York State DHSES Learning Management System. [Click here to log onto the Student Portal](#).
3. If you do not have a DHSES LMS account, please [fill out a request form](#).
4. All participants must have a FEMA Student Identification (FEMA SID) number. Students can search for their existing/create a new FEMA SID at: <https://cdp.dhs.gov/femasid/>.
5. All staff and students must complete the Brookhaven National Lab (BNL) registration at <https://www.bnl.gov/wildfire/>. Please complete the registration form by **September 30, 2024**, due to BNL processing requirements.

Nicholas Glass, NYS OEM Training & Exercise

New York OEM Incident Management Team Program at Nicholas.Glass@dhSES.ny.gov and /or oem.training@dhSES.ny.gov

| Course # | Course Title | Description | Prerequisites | Dates |
|---|---|--|----------------------------|---------------|
| ICS-300 | Intermediate ICS: ICS for Expanding Incidents | Course Description: Course is designed to enable personnel to operate efficiently using the Incident Command System (ICS) in supervisory roles on expanding or Type 3 incidents. Topics include: ICS fundamentals review, incident/event assessment & agency guidance in establishing incident objectives, Unified Command; incident resources management; planning process, demobilization, and incident transfer of command or close out. National Incident Management System (NIMS) compliant. | Required ICS-200 | 10/21 – 10/23 |
| ICS-300 Refresher | Refresher: Intermediate ICS for Expanding Incidents | Course Description: This course is a refresher for individuals who have previously completed ICS-300 Intermediate Incident Command System (ICS) for the Expanding Incident. Course will review: NIMS; ICS introduction; ICS single resource; unified command; assessment; planning; resource management; demobilization; complex incidents; incident area command and multi-agency coordination. | Required ICS-300 | 10/25 |
| ICS-400 | Advanced ICS | Course Description: Course is designed to enable personnel to operate efficiently in the advanced application of the Incident Command System in a complex incident environment. Topics include: fundamentals review for command and general staff, major and/or complex incident/event management, Area Command, and multi-agency coordination. National Incident Management System (NIMS) compliant. | Required ICS-300 | 10/24 – 10/25 |
| G-191 | Incident Command System/Emergency Operations Center Interface | This course reviews ICS and EOC responsibilities and functions and depends heavily on exercises and group discussions to formulate the interface. The course provides an opportunity for participants to begin developing an interface between an Incident Management Team and EOC personnel. | None | 10/24 |
| UAS-107 Prep | Unmanned Aircraft Systems FAA Prep Course | This course will help first responders to prepare for the FAA Part 107 Exam required when flying UAS (Drones) for non-recreational purposes. The course along with an additional 10-15 hours of self-study will prepare the student for successful completion of the FAA Part 107 exam. Students are encouraged to schedule their exam as soon possible upon completion of this course. | None | 10/22 – 10/23 |
| NO CHARGE FOR ALL-HAZARD CLASSES | | | | |

COURSE SCHEDULE

**S-130/190 is a prerequisite for all “S” courses. For all other prerequisites please see class description. Pre-Work “Online” can be found at <https://www.nwccg.gov/publications/training-courses>

| Course # | Course Title | Dates | # of Days | Field | Pre-work |
|-------------------------------|--|---------------|-----------|-------|----------|
| FI-210* | Wildland Fire Origin & Cause Determination | 10/21 – 10/25 | 5 | F | |
| G-131 | Wildland Training (FFT1) for Structural Firefighters | 10/19 – 10/20 | 2 | F | |
| G-191 | Incident Command System/Emergency Operations Center Interface | 10/24 | 1 | | |
| ICS-300 | Intermediate ICS with NIMS | 10/21 – 10/23 | 3 | | |
| ICS-300 Refresher | Refresher: Intermediate IS-300 | 10/25 | 1 | | |
| ICS-400 | Advanced ICS with NIMS | 10/24 – 10/25 | 2 | | |
| L-280 | Followership to Leadership | 10/21 – 10/22 | 2 | | |
| S-130/190 – 5 Day** | Firefighting Training/ Intro. to Wildland Fire Behavior | 10/21 – 10/25 | 5 | F | |
| S-130/190 FD – Online* | Firefighting Training/ Intro. to Wildland Fire Behavior - Field Days Only | 10/19 – 10/20 | 2 | F | Online |
| S-131 | Firefighter Type 1 | 10/21 – 10/22 | 2 | | |
| S-211 | Portable Pumps & Water Usage | 10/23 – 10/25 | 3 | F | |
| S-215** | Fire Operations in the Wildland/Urban Interface | 10/21 – 10/23 | 3 | F | |
| S-219* | Firing Operations | 10/21 – 10/23 | 3 | F | Online |
| S-230 | Crew Boss (Single Resource) | 10/21 – 10/23 | 3 | | |
| S-231 | Engine Boss (Single Resource) | 10/24 – 10/25 | 2 | | |
| S-290 | Intermediate Wildland Fire Behavior NEW 2-Day Blended Course | 10/22 – 10/23 | 2 | | Online |
| S-300 | Extended Attack Incident Commander | 10/23 – 10/25 | 3 | | |
| S-390 | Intro to Wildfire Behavior Calculations | 10/21 – 10/24 | 4 | | |
| UAS-107 Prep | Unmanned Aircraft systems FAA Prep Course | 10/22 – 10/23 | 2 | | |

* *Specialty Rate*

** *No Charge to Nassau/Suffolk Volunteer Firefighters*

GENERAL ACADEMY INFORMATION

REGISTRATION

Registrations with the NYWIMA and BNL must be received by end of day Saturday, September 30, 2024

A confirmation letter will be sent to the email address you provide.

Registrations received after September 30 will be processed as a late registration and as time and class availability allows.

Federal employees whose agencies face end of fiscal year spending restrictions may still register prior to payment. Invoices will be based on registration date and can be paid in the new federal fiscal year.

Please contact NYWIMA to make arrangements.

*****Classes that do not reach full attendance by October 1, 2024, may be canceled.***

FINANCIAL:

**** If you are not registering online - for your registration to be processed, it must be accompanied by a check, credit card number or agency voucher and must be completely filled out. Visa & MasterCard accepted.**

Ray Corwin Memorial Scholarship: S-130/190 Basic Firefighting & Wildfire Behavior (five day and field day courses) and S-215 Fire Operations in the Wildland/Urban Interface are **FREE** to Suffolk and Nassau County, NY volunteer firefighters.

Refund Policy: All cancellations must be made in writing to NYWIMA@pb.state.ny.us and must be received no later than **September 30, 2024**. Full refunds will be given for all cancellations made by September 30, 2024. After September 30, a fee of \$80 will be charged for each class cancelled. If you are taking a **one day only** class, the cancellation fee is \$80 for cancellations after September 30. The administrative fee is non-refundable, and refunds will not be issued for "No Shows." Substitutions are possible.

REGISTRATION INFORMATION BROOKHAVEN NATIONAL LAB (BNL)

MUST COMPLETE BNL REGISTRATION FORM BY SEPTEMBER 30, 2024

All Academy attendees both staff and students will be required to complete a BNL Gate Access Registration which can be found at <https://www.bnl.gov/wildfire/>

This page also has contacts for individuals with questions relating to BNL lodging options.

REGISTRATION CHECKLIST

- ✓ All students taking any course (except IS courses) must register at <http://nywima.com>.
- ✓ If you are taking **ICS-300, ICS-300 refresher, ICS-400, G-191, or UAS-107 Prep** go to the separate [New York State Department of Homeland Security Registration page](#). Follow instructions on the ICS Training Page in this brochure to complete registration.
- ✓ All staff and students must complete BNL Registration at <https://www.bnl.gov/wildfire/>. Please complete the BNL registration form **by September 30, 2024**, due to BNL processing requirements.

LODGING INFORMATION

MUST BOOK ACCOMMODATIONS AT BNL BY OCTOBER 2, 2024

Brookhaven National Lab:

Guest House Rooms (hotel style): \$136/night

Dormitory Rooms: \$68/night

Brookhaven National Laboratory, Upton, NY 11973

Online Reservations and Information: <https://www.bnl.gov/wildfire/accommodations.php>

For additional BNL lodging information please call (631) 344-2541 or (631) 344-2551 or email to housing@bnl.gov

EMERGENCY ACADEMY INFORMATION:

The emergency contact number for the Academy is (631) 218-1195. The Academy will also make attempts to update emergency information on: **Facebook:** New York Wildfire & Incident Management Academy; **Instagram:** @NYWIMA_Academy and www.nywima.com in the event of course cancellations due to weather emergencies or other events.