NEW YORK STATE

Homeland Security and Emergency Services

Fire Prevention and Control

FIRE TRAINING PROGRAMS

Rev. 10/28/16

VISION

The New York State Office of Fire Prevention and Control strives to be a national recognized leader in fire services, delivering the highest quality, state of the art, and most comprehensive training, response, and technical assistance programs and services to emergency responders, local entities, and the citizens of New York State. The Office's programs enable: the state's fire service to become the best trained, best prepared and most effective professional emergency response force in the nation; New York State's colleges, universities, state properties and its citizens, to be the safest in regard to fire prevention and awareness; and the state to maintain arson related fires at the lowest per capita within the United States.

MISSION

The Office of Fire Prevention and Control will deliver a wide breadth of services to firefighters, emergency responders, state and local government agencies, public and private colleges, and the citizens of New York. The Office advances public safety through firefighter training, education, fire prevention, investigative, special operations and technical rescue programs. The timely delivery of these essential services enables the Office to make significant contributions to the safety of all of New York State.

CONTACT INFORMATION

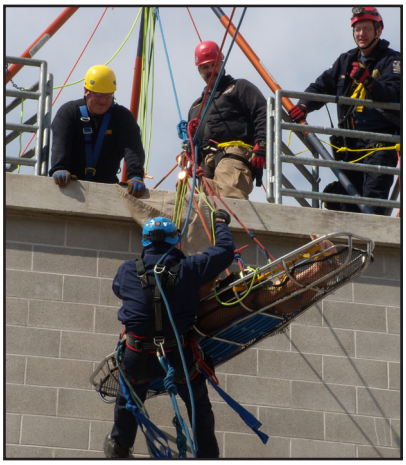
NYS Division of Homeland Security and Emergency Services
Office of Fire Prevention and Control
State Office Campus
1220 Washington Avenue
Building 7A, 2nd Floor
Albany, NY 12226
Phone: 518-474-6746
Fax: 518-474-3240
e-mail: fire@dhses.ny.gov
Web: www.dhses.ny.gov/ofpc

NYS Academy of Fire Science
600 College Avenue
Montour Falls, NY 14865-9634
Phone: 607-535-7136
Fax: 607-535-4841
e-mail: fire@dhses.ny.gov

County Fire Coordinators
Contact list on website:
www.dhses.ny.gov/ofpc/county-fire-coordinators

The course information, schedules, and application forms are on the web:
www.dhses.ny.gov/ofpc

REV 10/28/16



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ABOUT OUR TRAINING PROGRAMS

TRAINING LOCATIONS

The New York State fire service residential training courses are offered at the **NYS Academy of Fire Science, in Montour Falls**. Certain technical rescue courses are also available on a regional basis. Outreach courses are offered in various satellite locations throughout the State. The location where a course is given, along with its respective course number, is listed at the end of each course description.

COURSE SCHEDULE INFORMATION

Please note that the courses listed within this book are not necessarily offered every year. For a complete and current schedule of courses,
go to: www.dhses.ny.gov/ofpc/training

CERTIFICATION INFORMATION

For information on both state and national certifications, go to:
www.dhses.ny.gov/ofpc/training/fire-academy/certifications.cfm

FIRE SERVICE DEGREE PROGRAMS

Several colleges and universities in New York State offer Fire Service-related degree programs. In some cases, degree credit may be available for OFPC courses. Contact these institutions for further information. See listing at:
www.dhses.ny.gov/ofpc/training/fire-academy/advanced-education.cfm

QUESTIONS, CONTACT:

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Fax: 607-535-4841

County Fire Coordinators
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www.dhses.ny.gov/ofpc/county-fire-coordinators

Essential forms and information are also available online www.dhses.ny.gov/ofpc

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NYS EMERGENCY RESPONDER CURRICULUM
COURSES AND SCHEDULES ON THE WEB: WWW.DHSES.NY.GOV/OFPC

EMERGENCY MEDICAL SERVICE

Emergency Medical Technician-Basic

This unique seventeen day program includes instruction in all skills necessary to provide emergency medical care at a basic life support level with an ambulance service or other specialized emergency medical service (EMS) operations. A clinical experience requirement, to be completed outside of class, is part of the course.

Designed for: All emergency response personnel

Course Length: Approx. 165 hours plus minimum 10 hours clinical experience

Prerequisites: Candidates must be at least 18 years of age by the end of the month in which they are scheduled to take the written certification examination. Prior to starting clinical time, students must also provide proof of a physical in the last year; two MMR's or a Rubella titer within the last year; a Mantoux Test for Tuberculosis (PPD) within the last six months; a DPT within the last five years; Hepatitis B vaccination or a copy of a waiver of the vaccine, and proof of liability insurance including Medical Malpractice and Errors & Omissions (minimum $1,000,000 per occurrence/$3,000,000 aggregate). This is most often covered by your sponsoring agency.

Materials Fee: $10

Tuition fee: $775 (Waived for members of NYS DOH-recognized EMS Provider Agencies)

Course number : 01-03-0007

Course Location(s): Academy

Emergency Medical Technician Refresher

This convenient three-weekend course will help the Emergency Medical Technician (EMT) refresh previously learned material while gaining new knowledge, skills and abilities necessary to be a competent, productive and valuable member of the emergency medical services team. Through both a written and practical skills challenge approach, this course will help evaluate the current skill and knowledge of the refreshing EMT student and provide an opportunity for customizing the course to meet the needs of the individual student. It will also provide a mechanism to acknowledge and provide credit for the experience of the EMT student. All candidates will be required to submit proof of completion of 6 short, on-line courses assigned between the first and second weekends of the course.

Designed for: Current or previously certified NYS Emergency Medical Technicians

Course Length: 100 hours

Prerequisite: Current or previous certification as a NYS Emergency Medical Technician

Materials Fee: $10

Tuition fee: $425 (Waived for members of NYS DOH-recognized EMS Provider Agencies)

Course number : 01-03-0006

Course Location(s): Academy

Emergency Medical Technician Core Content Refresher

This convenient three-weekend course will help the Emergency Medical Technician (EMT) meet the "Core" refresher training requirements of the Continuing Education Recertification Program (Pilot Program). Topics covered will include a review of the 26 required hours of refresher content. This course will not meet the additional training hour requirement for an EMT to complete their Continuing Education Recertification Program.

Designed for: Current NYS Emergency Medical Technicians

Course Length: Varies

Prerequisite: Current NYS Emergency Medical Technician certification

Materials Fee: $10

Tuition fee: $300 (Memorandum of Understanding with student's agency regarding reimbursement required)

Course number: 01-03-0005

Course Location(s): Academy

NYSDOH Certified Instructor/ Coordinator (CIC)

The CIC course prepares a candidate to become certified to teach didactic sessions and coordinate the administration of a NYS EMT certification course. This course is held in cooperation with EMSTAR.

Designed for: Current NYS Certified Lab Instructor's

Course length: 16 hours

Prerequisites:

- **Current certification as a NYS EMT or Advanced EMT**
- **Current certification as a NYS CLI**
- **A NYS EMT/AEMT written certification examination within the past three years and scored at least 85%. Candidates who wish to teach advanced courses must also score at least 85% on the advanced portion of the AEMT exam. The CIC candidate must be certified at or above the desired teaching level.**
- **Actively providing pre-hospital care with an EMS agency and have a minimum of two years of clinical experience (two of the last three years).**

Note: Clinical Experience Substitution – May be given to RNs, RRTs, PAs, or other NYS licensed allied health personnel who are NYS EMTs and would like to become a CLI or CIC. Clinical experience substitution may be issued by written permission of the NYS-BEMS Central Office

- **A letter recommendation from the Course Sponsor that will be providing the instructor internship.**

Course number: 01-03-0022

Course location: Academy

NYSDOH Certified lab Instructor (CLI)

The CLI course prepares a candidate to become certified to teach lab skills in NYS-BEMS certification courses. This course is held in cooperation with EMSTAR.

Designed for: Current NYS EMT's or higher

Course length: 16 hours

Prerequisites:

- **Current certification as a NYS EMT or Advanced EMT**
- **A NYS EMT/AEMT written certification examination within the past three years and scored at least 85%. Candidates who wish to teach advanced courses must also score at least 85% on the advanced portion of the AEMT exam. The CIC candidate**

must be certified at or above the desired teaching level.

- Actively providing pre-hospital care with an EMS agency and have a minimum of one year of clinical experience within the last three years.
- A letter recommendation from the Course Sponsor that will be providing the instructor internship.

Course number: 01-03-0023

Course location: Academy

NYSDOH Certified Instructor Update (CIU)

The Certified Instructor update is designed to fill the 6-hour continuing education requirement for recertification of CLI's and CIC's. The program is designed to be a mechanism for communicating new information to the certified instructors throughout the State. This course is held in cooperation with EMSTAR.

Designed for: NYS CIC's and CLI's

Course number: 01-03-0024

Course location: Academy

First Responder Administration of Intranasal Naloxone to Reverse Opioid Overdose

Drug overdose from opioids (such as heroin, codeine, morphine, fentanyl and others) is a significant problem in all areas of New York State. This training video, and associated print materials, is designed to prepare Non-EMS Fire Department's to administer naloxone using an intra-nasal applicator (mucosal atomizer device) in cases of suspected opioid overdose. Naloxone is a medication that safely reverses opioid overdose. The objective is to treat and reduce injuries and fatalities due to opioid-involved overdoses when a Non-EMS Fire Department First Responder (FDFR) is the first to arrive at the scene of a suspected overdose. This training will allow FDFR's to recognize signs and symptoms of overdose, assemble a mucosal atomizer device for administering Intra-nasal naloxone, and implement opioid overdose prevention activities in accordance with NYS-approved policies and procedures.

Designed for: All Non-EMS FD first responders

Course Length: 90 minutes

Course number: 01-03-0019

Course location: Locally, via Outreach

FIRE/ARSON INVESTIGATION

Fire Behavior and Arson Awareness

Trains firefighters to understand normal and predicted fire behavior. It enables students to understand the basic concepts of fire chemistry, the normal growth of fires, and to develop and apply observational skills that may be critical to a fire investigation. Using standard accepted procedures, students apply techniques fundamental to preserving the fire scene for further cause determination.

Designed for: All fire service personnel

Course Length: 12 hours

Course number : 01-01-0012

Course Location(s): Locally via Outreach

Principles of Fire Investigation

Trains fire officers and entry-level fire investigators to determine the origin and cause of fires, as required by NYS law, addressing National Fire Protection Association (NFPA) considerations for conducting such investigations. This course provides a basic understanding of fire behavior and its value in determining a fire's origin and cause. It includes basic building construction; determining points of origin and causes; accidental fires; incendiary and vehicle fires, and those elements necessary to assist in their determination, including scene documentation and interviewing techniques.

Designed for: Fire, Law Enforcement, and Insurance SIU personnel

Course Length: 24 hours

Prerequisite: Fire Behavior and Arson Awareness

Course number : 01-01-0026

Course Location(s): Locally via Outreach

Fire Behavior/Arson Awareness and Principles of Fire Investigation

Provides knowledge of basic fire chemistry and observational skills necessary to judge fire behavior. Students learn to determine the cause and origin of fires and methods of documenting the fire scene. Students also learn the concept of incendiarism, the legal aspects of fire investigation, and basic interviewing techniques. The course provides a basic understanding of fire's behavior and its value in determining a fire's origin and cause. It is a blended delivery of outreach courses Fire Behavior and Arson Awareness (01-01-0012) and Principles of Fire Investigation (01-01-0026).

Designed for: Fire, Law Enforcement, and Insurance SIU personnel

Course Length: 36 hours

Course number : 01-01-0014

Course Location(s): Academy

Fire/Arson Investigation

This extensive hands-on course provides in-depth knowledge and skills necessary to thoroughly investigate fires from fire scene to the courtroom as outlined in NFPA 921. Includes fire dynamics, motives, scene documentation, evidence, case preparation and testimony. Students engage in a hands-on investigation that includes investigating, documenting and collecting evidence from a fire scene, conducting background checks, interviewing witnesses, case preparation, and testifying at a mock trial in a court setting in front of a judge.

Designed for: Attendance restricted to those fire, police, prosecutorial and insurance investigators who are legally bound to investigate and prosecute arson fires.

Course Length: 80 hours with additional evening hours

Prerequisites: Fire Behavior and Arson Awareness and Principles of Fire Investigation

Signed Fire / Arson Investigation Training Program Agency Endorsement Affidavit

Materials Fee: $85

Student Required Equipment/Materials: Students are required to have a copy of the most current NFPA 921, appropriate personal protective equipment for head, eye, hands and foot protection including inclement weather fire investigations.E

Course number : 01-01-0017

Course Location(s): Academy

Note: Course includes evening sessions

Canine Accelerant Detection Workshop

Provides certified Accelerant Detection Canine Teams an opportunity to conduct searches under the guidance of experienced K9 Trainers as a means to hone skills on a semi-annual basis. Laboratory verified ignitable liquid prepared samples will be utilized in a variety of search environments to evaluate search techniques and canine team abilities to effectively search and locate, with constructive feedback from trainers.

Designed for: Accelerant Detection Canine Teams as annually certified by OFPC

Course Length: 6 hours

Prerequisites: Current OFPC Certification as an Accelerant Detection Canine Team

Course number : 01-01-0031

Course Location(s): Academy

Note: Special circumstances apply. Call the Academy for further information.

Canine Accelerant Detection Certification

Provides extensive, highly specialized training for the development of a new canine accelerant detection team. A canine partner suitable for accelerant detection work will be screened and selected by OFPC and provided to the student handler. Student canines and their handlers will be trained using the praise and play training methodology. Teams will learn to detect families of ignitable liquids as defined by ASTM standards in addition to learning various search techniques, canine health and behavior, and environmental conditioning. Laboratory verified samples will be utilized to test the K9 Teams ability to detect appropriate ignitable liquids in both burned and unburned. A written exam must also be successfully completed. This course is for experienced fire investigators and requires a municipal / government sponsorship.

Designed for: New Canine Accelerant K9 Teams

Course length: 300 hours

Prerequisite: New York State Fire Investigator Level II Certification or equivalent, and

Signed Fire / Arson Investigation

Materials fee: $750 * includes the canine, initial medical screening of the canine, and some basic equipment.

Course number : 01-01-0006

Course Location(s): Academy

Note: Special circumstances apply. Call the Academy for further information.

Note: Course includes evening sessions

Canine Accelerant Detection Re-Certification

Provides for testing and re-certification of established canine detection teams for annual state certification. Advanced techniques and field methods are presented with scent recognition and testing conducted by OFPC trainers using laboratory certified samples of ingnitable liquids, burned and unburned.

Designed for: Investigative teams performing canine accelerant detection

Course Length: 20 hours

Prerequisite: An operating canine accelerant detection team with a certificate attesting completion of initial training by an accredited agency, and

Signed Fire / Arson Investigation

Materials Fee: $100

Course number : 01-01-0007

Course Location(s): Academy

Note: Special circumstances apply. Call the Academy for further information.

Electrical Fire Cause Determination I

Provides fire investigators with the knowledge and skills to prove or eliminate an electrical fire cause. Students develop an understanding of electrical power systems including basic wiring, materials and equipment, and proper and improper installations. Students engage in several hands-on exercises to increase their awareness of electrical behavior and build confidence when examining electrical systems.

Designed for: Fire investigators; fire officers

Course Length: 18 hours

Prerequisites: Fire Behavior and Arson Awareness and Principles of Fire Investigation, or NYS Academy of Fire Science Fire/Arson Investigation, or National Fire Academy (NFA) Fire/ Arson Investigation

Course number : 01-01-0009

Course Location(s): Academy

Electrical Fire Cause Determination II

Continues to build upon the principles and skills established in Electrical Fire Cause Determination I (01-01-0009) by advancing the fire investigator's knowledge in the understanding of specific characteristics of electrical arc failures. Topics covered include arc tracking, open neutrals, high resistance faults, small electrical appliance failures and the characteristic failures of various types of electrical light fixtures. The course is conducted in a classroom and laboratory setting involving many hands-on demonstrations as well as the practical application in the use of diagnostic meters used by the fire investigator.

Designed for: Fire investigators, Fire Officers

Course Length: 20 hours

Prerequisite: Electrical Fire Cause Determination I

Course number : 01-01-0010

Course Location(s): Academy

Fire/Arson Investigation Seminar

Features expert speakers and presenters from government agencies, commerce and insurance. Provides information and new developments in the field of fire investigation and allows for an exchange of ideas and experiences through peer interaction. Attendance fulfills the annual New York State in-service training requirements for fire investigators.

Designed for: Fire, police, Insurance SIU and municipal officials responsible for the legal investigation and prosecution of arson

Course Length: 12 hours

Prerequisites: Fire Behavior and Arson Awareness and Principles of Fire Investigation, or equivalent

Materials Fee: $10

Course number : 01-01-0018

Course Location(s): Academy,

Fire/Arson Investigation Specialty-Fire Investigative Photography

Provides fire investigators with the knowledge and skills to photographically document a fire investigation scene. This hands-on program includes operation and maintenance of equipment, flash techniques, fire scene photography, digital photography.

Designed for: Fire Investigators

Course Length: 20 hours

Prerequisites: Fire Behavior and Arson Awareness and Principles of Fire Investigation, or NYS Academy of Fire Science Fire/Arson Investigation, or National Fire Academy Fire/Arson Investigation

Course number : 01-01-0021

Course Location(s): Academy

Note: Course includes evening sessions

Fire/Arson Investigation Specialty-Interviewing Techniques for the Fire Investigator

Provides fire investigators with the knowledge and skills necessary to effectively interview witnesses and take statements, recognize and interpret symptoms of stress, and prepare a case for trial.

Designed for: Fire investigators

Course Length: 20 hours

Prerequisites: Fire Behavior and Arson Awareness and Principles of Fire Investigation, or NYS Academy of Fire Science Fire/Arson Investigation, or National Fire Academy Fire/Arson Investigation

Course number : 01-01-0020

Course Location(s): Academy

Note: Course includes evening sessions

Juvenile Firesetter Intervention Program Seminar

This one-day program consisting of lectures and workshops provides information and new developments in the field of juvenile firesetter intervention and education through the exchange of ideas and information from expert speakers and presenters.

Designed for: Fire, Police Educators, Mental Health and Social Services professionals and JFIP Teams.

Course Length: 6 hours

Course number : 01-01-0035

Course Location(s): Academy

Youth Firesetting Prevention and Intervention Level I

This course is a direct delivery offering of the National Fire Academy Program. The class will address the NFPA 1035 Juvenile Firesetter Intervention Specialist I standard including: Introduction; Primary Prevention; Identification and Intake; Who Sets Fires and Why, and Interviewing and Intervention Strategies. Students will learn how to conduct an interview with a firesetter and family members, using prepared forms and guidelines. How and when to refer a juvenile for counseling and/or educational intervention strategies will also be discussed.

Designed for: Individuals that have responsibilities related to Juvenile Firesetting intervention, interviewing, and prevention.

Course Length: 16 hours

Course number : 01-01-0023

Course Location(s): Academy

Youth Firesetting Prevention and Intervention Level II

This course is a direct delivery offering of the National Fire Academy Program. The class will address the NFPA 1035 Juvenile Firesetter Intervention Specialist II standard including: Identification and Intake; Coalition Building; Budget and Funding; Development of a program handbook, resource directory, and database; and Program Evaluation. The individual will learn to develop and coordinate an intervention program and manage activities of Specialist I staff.

Designed for: Individuals that have, or will have, responsibilities related to the management and/or coordination of a Juvenile Firesetting Intervention program.

Course Length: 16 hours

Completion of Juvenile Firesetter Intervention Specialist is recommended prior to JFIS II

Course number : 01-01-0024

Course Location(s): Academy

Fire Scene Evidence Collection

Provides fire investigators with the knowledge and skills necessary to document, collect and preserve various types of evidence relating to fire/arson investigations. Follows procedures and guidelines outlined in National Fire Protection Association 921 and addresses legal concerns associated with fire scene evidence collection, such as documentation, chain of custody, and spoliation. This is a hands-on course with several hours devoted to the collection of evidence of both accidental and incendiary fires.

Designed for: Members of municipal fire and arson investigation teams and Insurance SIU teams.

Course Length: 18 hours

Prerequisite: New York State OFPC Fire Investigator Level I Certification or New York State DCJS Police Crime Scene and Evidence Technician Course, AND signed Fire/Arson Investigation Training Program Agency Endorsement Affidavit.

Materials Fee: $45

Required Text: Students are responsible for bringing or procuring the latest version of NFPA 921 - Fire & Explosion Investigation Guide. This is available from the Faculty-Student Bookstore, as well as other sources.

Course number : 01-01-0016

Course Location(s): Academy

Vehicle Fire Investigation

Provides fire investigators with the knowledge and skills to determine the origin and cause of fires in vehicle. Students will develop an understanding of vehicle components, their common fuel packages, and the vehicle fire investigation process. The course is a combination of classroom and "hands-on" group exercises familiarizing the student with proper investigative techniques to include the processing of a vehicle fire through the understanding of vehicle components and the fire investigation process. The course utilizes NFPA 921 as its reference text along with a OFPC student course manual.

Designed for: Fire Investigators and SIU teams

Course length: 20 hours

Prerequisites: Fire Behavior and Arson Awareness and Principles of Fire Investigation, or NYS Academy of Fire Science Fire/Arson Investigation, or National Fire Academy(NFA) Fire/Arson

Investigation.

Course number: 01-01-0034

Course location: Academy

Materials Fee: $50

Student Required Equipment/Materials: Students are required to have a copy of the most current NFPA 921, appropriate personal protective equipment for head, eye, hands and foot protection including inclement weather fire investigations.

Note: Course includes evening sessions

FIRE EQUIPMENT MAINTENANCE

BREATHING APPARATUS MAINTENANCE - SCOTT 2.2 / 4.5

This course provides knowledge to properly inspect, clean and maintain the Scott Self Contained Breathing Apparatus. A review of the various laws, rules and regulations for the selection, inspection, use and maintenance of the SCBA will provide the student the reasons for proper care of the SCBA. Instructor-led hands on inspection, disassembly and reassembly of an SCBA will provide the student the knowledge, skills and ability to perform field-level maintenance on the Scott 2.2, 4.5 series SCBA, including the AP50 and AP75.

Designed for: Fire Service Personnel

Course length: 12 hours

Course number: 01-02-0004

Course location(s): Academy

Materials requirement: Students are required to bring a working Scott Air Pak (2.2, 4.5, AP50 or AP75) to class (make sure to record the serial numbers and ensure the pack is clearly marked for ownership), as well as tools & supplies (list will be provided to students with the registration confirmation).

Fire Extinguisher Maintenance

Provides technical data on preventative maintenance, recharging, and periodic tests of fire extinguishers. It includes practical work sessions on low-pressure hydrostatic proof testing on extinguishers, recharging techniques, and inspection and maintenance. It is designed to improve the capability of fire department, industrial, college, and other personnel responsible for maintaining fire extinguishers. It is also designed for code enforcement officials wanting a better understanding of fire extinguisher requirements, distribution, placement along with inspection, testing and maintenance per the NYS Building and Fire Code. The course is approved with the Department of State - Division of Building Standards and Codes for in-service credit.

Designed for: Fire service personnel, code enforcement officials and others responsible for fire extinguisher inspection and/or maintenance

Course Length: 12 hours

Required Text: NFPA10

Course number : 01-02-0009

Course Location(s): Academy

Pumper Service Testing

Contains both technical and practical information necessary to conduct a pumper service test. Students conduct an actual service test.

Designed for: Fire service personnel

Course Length: 12 hours

Course number : 01-02-0020

Course Location(s): Academy

FIRE INSTRUCTOR DEVELOPMENT

Fire Service Instructor I

This is an upper level course designed for the experienced firefighter, fire instructor candidate, fire officer candidate, or other individual who will be delivering instruction within a fire service organization. In addition to the basic knowledge, skills and abilities required for new instructors, this course prepares the candidate to meet the Instructor I job performance requirements as defined in NFPA 1041 "Fire Service Instructor Professional Qualifications," including delivering instruction from a prepared lesson plan, instructional aids and evaluation instruments, adapting lesson plans, organizing the learning environment, and meeting record-keeping requirements.

Due to the rigorous demands of this course, students are strongly encouraged to obtain lodging at the Academy. There is a lengthy pre-course reading assignment, and students complete a pre-test, final exam, and three presentations during the course. Course includes homework and independent study. There is a dress code for candidates attending this course.

Designed for: Fire department training officers/instructors

Course Length: 62 hours

Required Text: Fire Services Instructor: Principles and Practices (Jones & Bartlett) 2nd ed.

Course number : 01-11-0051

Course Location(s): Academy

Fire Service Instructor II

This is an upper level course designed for the experienced fire service instructor. This course prepares the candidate to meet the Instructor II job performance requirements as defined in NFPA 1041 "Fire Service Instructor Professional Qualifications," including developing individual lesson plans, scheduling training sessions, budgeting, acquiring resources, developing and analyzing evaluation and feedback instruments, and supervising and coordinating the activities of other instructors.

Due to the rigorous demands of this course, students are strongly encouraged to obtain lodging at the Academy. There is a lengthy pre-course reading assignment, and students complete a pre-test, final exam, independent assignments and one presentation during the course. Course includes homework and independent study. There is a dress code for candidates attending this course.

Designed for: Fire department training officers and training program directors

Course Length: 50 hours

Prerequisite: Fire Service Instructor I

Required Text: Fire Services Instructor: Principles and Practices (Jones & Bartlett) 2nd ed.

Course number : 01-11-0052

Course Location(s): Academy

Principles of Instruction

An introductory course for individuals who will be conducting training at the company level. Topics include: qualities of a good instructor, job performance requirements, components of a lesson plan, cognitive and psychomotor lesson plans, dealing with adult learners, meeting individual learning needs, factors that affect learning, the instructor's role in safety, new technologies in course delivery, and learning characteristics of different generations.

Designed for: Fire service training officers and company officers

Course Length: 15 hours

Course number : 01-11-0086

Course Location(s): Academy

FIRE OFFICER DEVELOPMENT

Fire Officer I (NFPA 1021-2009 ed.)

This is the first course in the Fire Officer series, addressing the job performance requirements of NFPA 1021, Standard for Fire Officer Professional Qualifications. Topics include assuming the role of company officer, fire department organization, leadership, supervision, fire department communications, the company officer's role in safety, size-up, strategy & tactics for engine and truck companies; single company operations, error management and human factors, implementing the life safety initiatives, group dynamics, pre-incident planning, fire inspection practices, information management, budgets, company level training, community relations and customer service, labor relations, and strategy & tactics for multiple company operations. Persons having successfully completed IFO (now discontinued) may complete the new Fire Officer 1 by starting at Unit 11. Students wishing to do so must contact the Academy registration office (Academy courses only) or the course instructor (Outreach courses), and request a copy of the student manual, so that they may review the first 10 units.

Designed for: Fire officers and prospective fire officers

Course Length: 54 hours

Prerequisite: Firefighter 1, or Basic Firefighter, or Firefighting Essentials

Course number : 01-11-0127

Course Location(s): Academy, Locally via Outreach

Fire Officer II

Addressing the Fire Officer II job performance requirements of the NFPA 1021 standard, this course builds on the skills learned in Introduction to Fire Officer and Fire Officer I. Students begin to examine the functions of a "Managing Fire Officer." Topics include government administration, human resource management, media relations, budgeting, fire inspection practices, analyzing injuries, post-incident analysis and preparing for the future. Complex emergency response scenarios are also discussed.

Designed for: Fire officers who lead and manage firefighters and other fire officers

Course Length: 24 hours

Prerequisite: Fire Officer I

Required Text: Fire Officer Principles and Practice, 2nd ed., published by Jones and Bartlett Publishers

Course number : 01-11-0014

Course Location(s): Academy

Fire Officer III

This non-traditional program addresses the job performance requirements for Fire Officer III, of the NFPA 1021, Fire Officer Professional Qualifications standard. Following 24 hours of instruction, candidates work and study independently, and complete individual projects in the following areas:

Community Risk Analysis: Developing programs to improve and expand service that builds partnerships with the public, including non-traditional services that provide for increased safety, injury prevention and convenient public services.

Administration: Budget preparation and management, the bidding process, resource allocation and information management.

Human Resources: Establishing procedures for hiring, developing and promoting members, techniques for recruitment and retention.

Safety: The development of accident and injury prevention programs, accident investigations, development of corrective procedures and the analysis of accident and injury data.

Inspections: Procedures for changing regulations and ordinances, the development of public education programs, the effects of fire suppression systems on pre-fire planning.

Emergency Response: Techniques for developing an action plan for a simulated incident involving a multi-agency response.

A mentor is available to assist candidates as they work independently. Upon completion of assigned projects, candidates return to the Academy and present their work to a Board of Review. Successful candidates possessing Fire Officer II national certification are eligible for certification at the Fire Officer III level.

Designed for: First level Chief Officers

Six Course Length: 72 hours, plus substantial individual research time

Prerequisites: Fire Officer II

Required Text: Managing Fire and Rescue Services, published by the International City/County Management Association, Dennis Compton, editor.

Course number : 01-11-0015

Course Location(s): Academy

Fireground Strategies and Tactics for First Arriving Companies

Designed for the first arriving officer at any incident. The primary focus of this course is structural firefighting but the lessons learned are applicable for any emergency scene. Elements of this course include scene size-up, decision making, determining incident strategies, and making tactical assignments. Also included are lessons on building construction, fire behavior and growth as well lessons for operating at common non-fire incidents such as motor vehicle accidents, propane and natural gas emergencies, and other typical non-fire emergencies.. In addition to lecture and classroom activities this course utilizes scenarios to allow participants to employ their newly learned skills in real time.

Designed for: Fire officers and prospective fire officers

Course length: 15 hours

Course location: Academy and Outreach

Prerequisite: Firefighter 1, or Basic Firefighter, or Firefighting Essentials

Course number: 01-11-0143

First Line Supervisor to Fire Officer I Bridge Course

This course is intended for Fire Officers that have attended the First Line Supervisor's Training Program (FLSTP) and need, or want, certification as a Fire Officer I. This course addresses the differences in curriculum between FLSTP and the current NYS Fire Officer I course and allows students to take the Fire Officer I National Certification exam. Course completion requires students to successfully complete the practical and written portions of the Fire Officer I National Certification exam.

Designed for: Career Fire Officers that have completed the FLSTP

Hours: 16 hours + National Certification Exam

Prerequisite: (1) NYS Firefighter certification (229);

(2) Completion of First Line Supervisor's Training Program;

(3) Firefighter II National Certification or

Copy of current CPR card and

Completed Live Fire Verification forms for Firefighter I and Firefighter II.

Course Number: 01-11-0130

Location(s): Academy, Regionally

ICS-100.A: Introduction to Incident Command System

This course provides the foundation for higher level ICS training. It describes the history, features, principles and organizational structure of ICS and also explains the relationship between ICS and the National Incident Management System (NIMS).

Designed for: All firefighters

Course Length: 3 hours

Prerequisite: IS-700 NIMS

Course number: 01-05-0033

Course Location(s): Locally via Outreach

IS-700.A: National Incident Management System (NIMS), An Introduction

Homeland Security Presidential Directive (HSPD–5) directed the Secretary of Homeland Security to develop and administer a National Incident Management System. NIMS provides a consistent nationwide template to enable all government, private-sector, and non-governmental organizations to work together during domestic incidents. This course will describe the key concepts, principles and benefits of using NIMS.

Designed for: All firefighters

Course Length: 3 hours

Course number : 01-14-0018

Course Location(s): Locally via Outreach

I-200.A: ICS for Single Resources and Initial Action Incidents

The complexity of incident management, coupled with the growing need for multi-agency and multifunctional involvement on incidents, has increased the need for a single standard incident management system that can be used by all emergency response disciplines. The Basic ICS course is part of the National Training Curriculum. Under Executive Order #26, March 5, 1996, NYS Governor George E. Pataki established the National Interagency Incident Management-Incident Command System as the standard command and control system during emergency operations.

Designed for: Emergency response personnel

Course Length: 12 hours

Prerequisites: IS-700 NIMS and ICS-100

Course number : 01-11-0034

Course Location(s): Academy, Locally via Outreach

Intermediate ICS, ICS for Expanding Incidents I-300

The complexity of incident management, coupled with the growing need for multi-agency and multi-functional involvement on incidents, has increased the need for a single standard incident management system that can be utilized by all emergency response agencies. Use of the Incident Command System (ICS) by both public safety and private sector organizations continues to increase across the country. The ICS is designed to be used for all applications, fires (wildland and structural), hazardous materials incidents, law enforcement operations, search and rescue operations, air, ground and water accidents, mass casualty incidents, natural disasters and planned events.

Designed for: Fire officers, law enforcement supervisory personnel, emergency medical officers and emergency management personnel

Course Length: 24 hours

Prerequisite: Basic Incident Command System (I-200)

Course number : 01-11-0033

Course Location(s): Regionally

Advanced ICS, ICS for Command and General Staff—Complex Incidents I-400

The I-400 course is a classroom-delivered program that discusses advanced management applications of the Incident Command System including Command and General Staff, Unified Command, Major Incident Management, Area Command, and Multi-Agency Coordination. Candidates for this course should have a considerable background in incident management in both academic and practical application.

Designed for: Fire officers, law enforcement supervisory personnel, emergency medical officers and emergency management personnel

Course Length: 16 hours

Prerequisite: Incident Command System Intermediate (I-300)

Course number : 01-05-0032

Course Location(s): Academy, Regionally

Legal Issues for the Volunteer Fire Service

Newly revised, this course introduces many of the legal concepts and issues that affect the volunteer fire service. Topics include an overview of the legal system, an introduction to the law of liability, the structure of and differences in fire departments and fire districts, the role and legal responsibilities of the Authority Having Jurisdiction, organizational and membership issues, firematic training and operational liability issues, PESH and OSHA compliance, apparatus and motor vehicle operations, legal issues in the delivery of emergency medical service training and delivery of services, youth programs, litigation and legal counsel and a review of recent, topical legislative changes. Classroom work is combined with problem-solving exercises.

Designed for: Fire officers, fire department business officers, fire district commissioners, village and town officials

Course Length: 12 hours

Course number : 01-05-0054

Course Location(s): Academy

On-line Fire Reporting System Training

Provides training necessary to utilize the web based on-line Fire Reporting System to report fire department incidents to the NYS Fire Reporting System. Course includes an overview of the Fire Reporting system, description of the various entry screens, and the available reports.

Designed for: Fire service personnel who utilize the web based on-line system to submit incident reports for the NYS Fire Reporting System

Course Length: 3 hours

Course number : 01-11-0037

Course Location(s): Locally via Outreach

The Role of the Chaplain in Emergency Services

This course explores the vital role the Fire Department chaplains play in the day-to-day operations of emergency services, as well as those times when sickness, injuries or death present difficult problems for the members of fire and EMS departments.

Designed for: All emergency response personnel

Course Length: 12 hours

Course number : 01-11-0045

Course Location(s): Academy

Advanced Legal Issues for the Volunteer Fire Service

The goal of this course is to develop a more sophisticated understanding of some of the more complex legal issues which confront fire department leaders, commissioners and local government officials. This course is intended to develop familiarity with selected issues which affect the volunteer fire service and, through dynamic classroom interaction and exercises consider solutions based on established legal precedents. The course addresses: the concept of governmental immunity and municipal liability; Article 78 Proceedings; the distinctions between procedural error versus substantive error, particularly regarding fire department disciplinary proceedings; and the evolving standard of care owed to the public by fire and EMS agencies.

Designed for: fire department officers, commissioners and local government officials

Course length: 12 hours

Prerequisite: completion of Legal Issues for the Volunteer Fire Service or Selected Legal Issues for the Volunteer Fire Service.

Course number : 01-05-0075

Course Location(s): Academy

Strategy and Tactics for Initial Company Operations (NFA)

STICO is designed to meet the needs of Company Officers responsible for managing the operations of one or more companies during structural firefighting operations. STICO is designed to develop the management skills needed by company officers to accomplish assigned tactics at structure fires.

Designed for: Senior firefighter who may at times assume the responsibilities of the company officer (NFPA 1001, Standard for Fire Fighter Professional Qualifications, Level II).

Course Length: 16 Hours

Course number : 01-11-0066

Course Location(s): Academy

Version 5 Fire Reporting Workshop

Provides the necessary training to participate in the New York State Fire Reporting System for departments using the Version 5 paper report format. It includes an overview of the Fire Reporting System, procedures for completing the Version 5 fire reporting, quality control at the local level, and an understanding of how fire department data may be used.

Designed for: Fire service personnel who prepare Version 5 paper forms

Course Length: 3 hours

Course number : 01-11-0016

Course Location(s): Locally via Outreach

FIRE PREVENTION/CODE ENFORCEMENT

Codes courses are also offered regionally throughout the year. For a list of dates, locations and topics, consult the internet site: www.dos.ny.gov/DCEA/edu_train_overview.html

Introduction to Code Enforcement Practices Part I

Regulations, Administration and Enforce-ment. This program will discuss the role of the Code Enforcement Official and the practices necessary to carry out the job for a local government, including the process — from permit issuance, inspections, records and paperwork, through enforcement actions and legal recourse. In addition, a quick historical side trip will provide a perspective for the laws and regulations that have been enacted to create a uniform statewide approach to code enforcement. This course will include a 1.5-hour final exam.

Designed for: Code enforcement officials, building and fire inspectors

Course Length: 21 hours

Course number : 02-06-0016

Course Location(s): Academy, Locally via Outreach

Introduction to Code Enforcement Practices Part II

Fire Safe Design. A continuation of Part I, this course is designed to understand the basic principles which created a building that will endure the effects of fire and enable its occupants to safely escape. The NYS Uniform Fire Prevention and Building Code provides this blueprint. This course addresses the basic concepts in the Code that establish the minimum construction standards for all new buildings and demonstrates how the Code balances the potential hazards of the occupancy with the benefits of fire resistant construction techniques, notifications and suppression equipment and systems and proper planning. This course will include a 1.5-hour final exam.

Designed for: Code enforcement officials, building and fire inspectors

Course Length: 21 hours

Prerequisite: Introduction to Code

Enforcement Practices Part I

Course number : 02-06-0017

Course Location(s): Academy, Locally via Outreach

Inspection Procedures for Existing Structures

This course teaches the skills required to conduct inspections of existing buildings using the Fire and Property Maintenance Codes of New York State. The course will consist of a standard lecture on a topic, followed by a virtual inspection that requires the student to utilize the lecture information. An inspection form following the course outline is included in the student handout material. This course will include a 1.5-hour final exam.

Designed for: Code enforcement officials, building and fire inspectors

Course Length: 21 hours

Prerequisites: Introduction to Code Enforcement Practices Part I and Introduction to Code Enforcement Practices Part II

Course number : 02-06-0014

Course Location(s): Academy, Locally via Outreach

General Construction Principles

This course will acquaint code enforcement officials with the systems, equipment and structural requirements of the Code of New York State. In the first module, "Systems and Equipment," the organization, applicability and content of the Mechanical, Fuel Gas, Plumbing, Energy and Residential Codes of New York State will be addressed. The second module, "Structural Requirements," will consist of basic load and design theory and the resulting structural requirements in the Building and Residential Codes of New York State. This course will include a 1.5-hour final exam.

Designed for: Code enforcement officials, building and fire inspectors

Course Length: 21 hours

Prerequisites: Introduction to Code Enforcement Practices Part I and Introduction to Code Enforcement Practices Part II

Course number : 02-06-0013

Course Location(s): Academy, Locally via Outreach

Residential Code of New York State

This course will address the construction requirements for one and two family dwellings and low rise multiple dwellings using the Residential Code of New York State as the compliance method. It is designed to take the student through the steps of a typical code enforcement permit process, including code research, plan review and inspection. This course will include a 1.5-hour final exam.

Designed for: Code enforcement officials, building and fire inspectors

Course Length: 21 hours

Prerequisites: Introduction to Code Enforcement Practices Part I, Introduction to Code Enforcement Practices Part II, and General Construction Principles

Course number : 02-06-0018

Course Location(s): Academy, Locally via Outreach

Building Code of New York State

This course will address the construction requirements for commercial structures using the Building Code of New York State as the compliance method. It is designed to take the student through the typical code enforcement permit process for a commercial project, including code research, plan review and inspection. This course will include a 1.5-hour final exam.

Designed for: Code enforcement officials, building and fire inspectors

Course Length: 21 hours

Prerequisites: Introduction to Code Enforcement Practices Part I, Introduction to Code Enforcement Practices Part II, General Construction Principles, and Residential Code of New York State

Course number : 02-06-0001

Course Location(s): Academy, Locally via Outreach

Fire Alarm Systems

An overview of the components of a fire alarm system, as well as the operation and design of such systems. It also includes inspecting existing fire alarm systems and fire department operations at alarmed buildings. The final session of this course consists of hands-on training in the fire alarm laboratory.

Designed for: Fire department, municipal and industrial fire marshals and inspectors, code enforcement officials, fire officers

Course Length: 14 hours

Course number : 01-10-0034

Course Location(s): Academy

Fire Inspector I Course

This course is designed to follow the NFPA 1031 Fire Inspector I standard. Students will be introduced to various codes and standards in order to develop a working knowledge of their application in the inspection process. Topics addressed in this course include the fire inspector's responsibilities and role in code enforcement, general fire prevention practices, inspection competencies, life safety considerations and enforcement, fire safety principles and requirements related to hazardous materials, special hazards of electrical, heating, and cooking equipment and systems, and fire protection systems and equipment. At the conclusion of the course, all students will complete the Fire Inspector I National Certification Examination. There is a $25 registration fee for the exam (in addition to the $25 registration fee for the course), and registration for the exam will take place on the first day of class.

Designed For: Code Enforcement, Building and Fire Inspectors

Course Length: 72 Hours

Course # 1-14-0046

Course Location: Academy

Fire and Life Safety Educator I

This is an advanced course designed for emergency service personnel and other professionals who deliver fire and/or life safety instruction to the public. In addition to the basic knowledge, skills and abilities required for fire and life safety educators, this course prepares the candidate to meet the Fire and Life Safety Educator I job performance requirements as defined in NFPA 1035 "Fire and Life Safety Educator Professional Qualifications". Course topics include: organization, injury prevention, partnerships, media, documentation and record keeping, scheduling, presentation, teaching techniques, audience characteristics, lesson plans, presentation and evaluation methods, informational

programs, life safety hazards, fire behavior and fire protection.

There is a pre-course reading assignment for this course. Students are required to successfully complete assignments, a final exam, and a final presentation. This course also includes homework and independent study. There is a dress code for candidates attending this course.

Designed for: All emergency service personnel and other professionals

Required Text and Reading Material: IFSTA Fire and Life Safety Educator (3rd Edition), NFPA 1035 - Fire and Life Safety Educator Professional Qualifications

National Certification Available: Yes

Course Length: 40 hours

Course Number: 01-10-0020

Course Location(s): Academy, Regionally

Fire Marshals and Inspectors Seminar

Conducted annually to keep fire inspectors aware of technological and code changes and to provide background information in the field of fire prevention. It includes speakers from commerce, industry, and government agencies. Attending the courses provided in this program will meet the 24 hour in-service credit requirement.

Designed for: Fire department, municipal and industrial fire marshals and inspectors, code enforcement officials

Materials Fee: $5

Course number : 01-10-0006

Course Location(s): Academy

Fire Sprinkler Systems Workshop

An overview of wet, dry, deluge, pre-action, and residential sprinkler systems, as well as water supply and design of sprinkler systems. It also includes inspecting existing sprinkler systems and fire department operations at sprinklered buildings. The final session of this course consists of hands-on training in the sprinkler laboratory.

Designed for: Fire department, municipal and industrial fire marshals and inspectors, code enforcement officials, fire officers

Course Length: 14 hours

Course number : 01-10-0018

Course Location(s): Academy

Fire Sprinkler Plans Review

Presents an overview of the four types of sprinkler system occupancy classifications, water supply and pressures, and determination of compliance of sprinkler designs and installations with National Fire Protection Association (NFPA) 13 and New York State Uniform Fire Prevention and Building Code requirements. It also includes choosing proper system components; determining density and performing remote area calculations, as well as utilizing K-Factor and friction loss formulas; participation in a hydraulic calculation exercise; using a plan review checklist; and conducting an actual automatic sprinkler plan review.

Designed for: Fire department, municipal and industrial fire marshals and inspectors, code enforcement officials, fire officers

Course Length: 14 hours

Required Text: NFPA #13

Course number : 01-10-0017

Course Location(s): Academy

Alternative Fire Suppression Systems

This course will introduce the students to various agents used in alternative fire suppression systems. The course will show the chemical makeup of agents, how they work to extinguish a fire, and any potential harm that agents may have on people. Certain applications for alternative systems will also be discussed.

Designed for: Fire department, municipal and industrial fire marshals and inspectors, code enforcement officials, fire officers

Course Length: 6 hours

Course number: 01-10-0046

Prerequisites: None

Required text: None

Materials fee: None

Course Location(s): Academy

Fire and Life Safety Educators' Conference

Co-sponsored with the NYS Association of Fire Chiefs, this course provides a series of presentations, demonstrations, workshops, and illustrations of successful public fire prevention education programs. It offers attendees new ideas and concepts to improve planning, developing, and presenting programs for both children and adults. Various speakers from private organizations, fire service, government agencies, and industry are involved.

Designed for: All emergency response personnel,

teachers, and others

Course Length: 16 hours

Materials Fee: $5

Course number : 01-10-0012

Course Location(s): Academy

FIRE SUPPRESSION

Recruit Firefighter Training

Provides training established under Execu-tive Law, Section 159-d, Part 426.6. It provides minimum, uniform, basic fire training for probationary and nonpermanent firefighters. Training covers basic firefighter skills, fire department organization, first aid, firefighting tactics and strategies, and physical fitness programs.

Designed for: Probationary and non-permanent firefighters of fire departments required to meet NYS Minimum Training Standards

Course Length: 500 hours

Materials Fee: $750. A special registration form and fee are required. Please contact the Academy.

Course number : 01-05-0038

Course Location(s): Academy

Note: Special circumstances apply. Call the
Academy for further information.

Basic Exterior Firefighting Operations (BEFO)

The student will be provided with the training to support fire activities that arise before, during and after fire attack with respect to their exterior only classification. The student will be exposed to the knowledge and skills pertaining to; Fire, Tool and Scene Safety, Fire Behavior and Development, PPE and SCBA Practices (excluding donning and doffing of SCBA), Communication and Incident Management System (IMS) Principles, Fire Prevention and Investigation Principles, Fire Extinguishers, Hose Practices (excluding fire advancement and attack), Water Supply, Nozzles and Fire Streams, Ground Ladder Operations, Ropes and Knots. The

course is derived from the Fire Fighter 1 curriculum.

Designed for: Fire department personnel who, for whatever reason, will not be classified as an interior structural firefighter.

Course Length: 45 hours

Course number : 01-05-0045

Course Location(s): Locally via Outreach

Firefighter I

As the initial entry program for firefighting personnel, Firefighter I introduces firefighting concepts, practices and techniques necessary for success within the fire service.

Based on the *Firefighter Level I* objectives from NFPA Standard 1001, this course develops knowledge, skills and abilities based on performance criteria for the following topics: fire department organization, firefighter safety, fire behavior, personal protective equipment, self-contained breathing apparatus, fire extinguishers, building searches, forcible entry, ground ladders, ventilation, hose practices, fire streams, and loss control. The course consists of performance criteria in: incident command, building construction, ropes/knots, rescue procedures, forcible entry applications, ventilation practices, fire extinguisher applications, suppression of structural fires, tactics, vehicle suppression, water supply, loss control, fire cause determination, fire department communications, fire suppression systems, hazardous materials, weapons of mass destruction, confined space safety and fire prevention practices.

Note: With the exception of NFPA Firefighter Level I objectives pertaining to Emergency Medical Care and local policies and procedures, a firefighter receives training components equivalent to those within the NFPA Firefighter I Standard.

Firefighter 1 equivalents are: Fire Essentials, Initial Fire Attack and Hazardous Materials First Responder Operations or Basic, Intermediate Firefighter and Hazardous Materials First Responder Operations.

Designed for: Entry-level firefighters

Course Length: 104 hours

Prerequisites: Students must be physically capable of wearing SCBA and possess current medical clearance for SCBA use. Students not possessing this prerequisite will not be allowed to participate for their own safety. A completed "Training Authorization Letter" mailed with your registration will meet this requirement.

Course number : 01-05-0019

Course Location(s): Locally via Outreach

Firefighter I - Internet Based Course

This course is designed for the highly motivated, self-directed student with access to high-speed internet who can commit to a very aggressive training schedule in a compressed time format. Students must have high speed internet access.

As the initial entry program for firefighting personnel, Firefighter I introduces firefighting concepts, practices and techniques necessary for success within the fire service.

Based on the *Firefighter Level I* objectives from NFPA Standard 1001, this course develops knowledge, skills and abilities based on performance criteria for the following topics: fire department organization, firefighter safety, fire behavior, personal protective equipment, self-contained breathing apparatus, fire extinguishers, building searches, forcible entry, ground ladders, ventilation, hose practices, fire streams, and loss control. The course consists of performance criteria in: incident command, building construction, ropes/knots, rescue procedures, forcible entry applications, ventilation practices, fire extinguisher applications, suppression of structural fires, tactics, vehicle suppression, water supply, loss control, fire cause determination, fire department communications, fire suppression systems, hazardous materials, weapons of mass destruction, confined space safety and fire prevention practices.

Note: With the exception of NFPA Firefighter Level I objectives pertaining to Emergency Medical Care and local policies and procedures, a firefighter receives training components equivalent to those within the NFPA Firefighter I Standard.

Firefighter 1 equivalents are: Fire Essentials, Initial Fire Attack and Hazardous Materials First Responder Operations or Basic, Intermediate Firefighter and Hazardous Materials First Responder Operations.

Designed for: Entry-level firefighters

Course Length: 60 hours

Prerequisites: Students must be physically capable of wearing SCBA and possess current medical clearance for SCBA use. Students not possessing this prerequisite will not be allowed to participate for their own safety. A completed "Training Authorization Letter" mailed with your registration will meet this requirement.

Course number : 01-05-0066

Course Location(s): Locally via Outreach

Firefighter II

Designed as the last step in initial level training for interior structural firefighters and/or who will serve as team or group leaders under the general supervision of an officer. Introduces new more advanced areas that will be expanded in other training programs. With the exception of those NFPA Firefighter Level II objectives pertaining to Vehicle Extrication techniques, a firefighter receives the training components equivalent to those found within NFPA Firefighter II Standard.

Firefighter II is based on objectives from NFPA Standard 1001, Firefighter Level II, and consists of performance criteria in: incident command implementation, build-ing materials and collapse, special rescue, hydrant flow and operability, hose tools, foam operations, flammable liquid/gases, detection, alarm systems, fire department communications, pre-fire planning, special situations, strategy and tactics.

Note: Firefighter II equivalents are Fire Attack II or Advanced Firefighter

Designed for: Interior structural firefighters and/or firefighters who may serve as team or group leaders

Course Length: 27 hours

Prerequisites: Firefighter I or equivalent and students must also be physically capable of wearing SCBA and possess current medical clearance for SCBA use. Students not possessing this prerequisite will not be allowed to participate for their own safety. A completed "Training Authorization Letter" mailed with your registration will meet this requirement.

Course number : 01-05-0020

Course Location(s): Locally via Outreach

SCBA Confidence

This course is taught by individuals instructed through the Train-the-Trainer program offered at the Academy of Fire Science. State certificates are not issued for this program. SCBA Confidence provides a solid indoctrination in emergency procedures and establishes confidence in using self-contained breathing apparatus in a crisis situation.

Designed for: All fire service personnel

Course Length: 15 hours

Prerequisite: Fire Fighter I or equivalent. Signed Training Authorization Letter required

Course number : 01-05-0044

Course Location(s): Academy, Regionally, and Locally via Outreach

Firefighter Survival

Based on Chief John Salka's "Get Out Alive" program, this program is designed for self-rescue and rescue of trapped firefighters. Course content will enable firefighters to recognize the types of events encountered on the fire ground that contribute to firefighter disorientation and/or entrapment, to have knowledge of what is necessary to ensure their safety and that of their partners or crew members, and perform self-rescue techniques when disoriented, separated, or when needing to exit a structure in an emergency. This course requires students to perform a number of practical evolutions with self-contained breathing apparatus (SCBA). This course includes the National Fire Academy Calling the Mayday.

Designed for: Fire service personnel

Course Length: 12 hours

Prerequisites: Firefighter I, SCBA medical clearance, and signed Training Authorization Letter.

The nationally recognized Firefighter Level I certification may be substituted for the course prerequisites.

Course number : 01-05-0076

Course Location(s): Locally via Outreach

Firefighter Assist and Search Team (FAST)

The firefighter as a member of a FAST operation will identify the tools and staffing requirements for a FAST operation, develop a rescue plan for a missing, lost, or trapped firefighter; demonstrate rope search techniques, and demonstrate removing a firefighter/victim up a stairwell, up or down through a hole in a floor/roof, moving a downed firefighter out of a window, and lowering a firefighter down a ladder. This course requires students to perform a number of practical evolutions with self-contained breathing apparatus (SCBA).

Designed for: Fire service personnel

Course Length: 15 hours

Prerequisites: Firefighter Survival, Firefighter I and SCBA medical clearance. Training Authorization Letter required and 4 years firefighting experience

Course number : 01-05-0018

Course Location(s): Locally via Outreach

Truck Company Operations

This course provides instruction for using ladder company equipment including operating ground ladders. Includes duties and responsibilities of the ladder company, operating and maintaining specialized tools, ventilation, forcible entry, search, and building construction.

Designed for: Fire service personnel

Course Length: 24 hours

Prerequisites: Firefighter I or equivalent and students must also be physically capable of wearing SCBA and possess current medical clearance for SCBA use. Students not possessing this prerequisite will not be allowed to participate for their own safety. A completed "Training Authorization Letter" mailed with your registration will meet this requirement.

Course number : 01-05-0046

Course Location(s): Locally via Outreach

Apparatus Operator - Emergency Vehicle Operation

Provides vehicle operators with a better understanding of the seriousness of emergency vehicle operation. Based on objectives from National Fire Protection Association (NFPA) Standard 1002 Fire Apparatus Driver/Operator, Chapter 2, this course stimulates the thought processes to make students aware of the potential for tragedy and financial loss and of the legal and moral responsibilities encountered when operating an emergency vehicle. **Apparatus Operator Emergency Vehicle Operations Equivalents are EVOC Courses offered by VFIS Insurance, ESIP Insurance or Utica National Insurance. Train the Trainers are not accepted as equivalent.**

Designed for: Fire service personnel

Course Length: 18 hours

Prerequisites: A valid driver's license

Course number : 01-05-0004

Course Location(s): Locally via Outreach

Apparatus Operator - Aerial Device

Designed to follow the NFPA 1002 Fire Apparatus Driver/Operator Professional Qualifications, provides the student with knowledge necessary to operate, inspect and maintain aerial devices. Course content includes emergency vehicle operations review, classification and typing, vehicle inspection, operation of various types of aerial devices including platforms and ladders, proper location of placement and setup at an incident including driving, spotting and stabilizing. Fire departments must possess an aerial device to offer this program enabling students to fully operate this device.

Designed for: Fire service personnel

Course Length: 24 hours

Prerequisites: Apparatus Operator, and BEFO (formerly known as Scene Support Operations) or equivalent

Course number : 01-05-0003

Course Location(s): Locally via Outreach

Apparatus Operator - Pump

Offers knowledge and skills essential to pump operation. Based on objectives from National Fire Protection Association (NFPA), Fire Apparatus Driver/Operator, Chapter 3, this course includes responsibilities of pump operators, hydraulics and friction loss, pump controls and accessories, fire streams, pumper practices, pumping from draft and pump evolutions, and using the fire pump at the fire hydrant. Demonstrations and practice sessions are included.

Designed for: Fire service personnel

Course Length: 24 hours

Prerequisites: Apparatus Operator, and BEFO (formerly known as Scene Support Operations) or equivalent

Course number : 01-05-0005

Course Location(s): Locally via Outreach

Water Supply Operations

Offers firefighters with information and skills in determining water supply requirements for firefighting purposes and water delivery methods. Demonstrations and practice sessions are included.

Designed for: Fire service personnel

Course Length: 18 hours

Prerequisites: BEFO (formerly known as Scene Support Operations) or equivalent and Apparatus Operator - Pump

Course number : 01-05-0047

Course Location(s): Locally via Outreach

Live Fire Training – NFPA 1403, 2012 Edition

The purpose and intent of this course is to provide the student with basic understand¬ing of the requirements of NFPA 1403 Standard on Live Fire Training Evolutions. It is intended that the student be pro¬vided with an introduction to the necessary knowledge and tools to properly prepare and conduct live fire-training evolutions. This program provides an in-depth analysis of NFPA 1403, addressing evolutions at municipal training centers, gas fired training buildings and exterior props, vehicle fires and acquired structures and exterior class B fires. It is also designed to provide an overview of live fire training requirements, especially for responsible individuals such as commis¬sioners and chiefs who may not be directly involved with the conduct or planning of these evolutions, but with whom may rest the ultimate responsibility for training within their jurisdiction.

Designed for: Commissioners, chief officers, presidents, members of boards of directors and elected officials who may have legal authority and responsibility for fire department live fire training activities and those who actually conduct live fire evolutions.

Course Length: 4 hours

Course number : 01-05-0079

Course Location(s): Locally via Outreach

Aircraft Rescue and Firefighting

Covers specialized areas for the air transportation industry, such as airport and aircraft familiarization, firefighting agents, rescue, ventilation and forcible entry for both civilian and military aircraft.

Designed for: Fire service personnel

Course Length: 12 hours

Prerequisite: Firefighter I or equivalent

Course number : 01-05-0002

Course Location(s): Academy, Locally via Outreach

Basic Wildland Fire Suppression

Developed by the New York State Depart-ment of Environmental Conservation Forest Rangers and the New York State Office of Fire Prevention and Control for firefighters involved in wildland fire suppression. The course contents include jurisdiction and responsibilities, fire behavior, wildland fire elements and size-up, use of tools and equipment, general concepts related to fire suppression, securing the control line, and standards for safety.

Designed for: Fire service personnel

Course Length: 12 hours

Prerequisite: Basic Firefighter or Firefighting Essentials

Course number : 01-05-0007

Course Location(s): Locally via Outreach

Basic Wildland Search Skills

Developed by the New York State Depart-ment of Environmental Conservation, the Basic Wildland Search Skills Course teaches the most basic skills needed to conduct searches in the wildland environment. Topics covered in this course include, basic search organization (Incident Command System), communications, search techniques, attitude and safety. This course concludes with a field exercise to practice the type 3 search technique (grid search) discussed in the classroom. Graduates of this course will receive a “Green Card” which will identify them as having successfully completed this course. This course is also a prerequisite to other more advanced search courses offered by the New York State Department of Environmental Conservation.

Designed for: Fire service personnel

Course Length: 8 hours

Prerequisite: None

Course number : 01-05-0008

Course Location(s): Locally via Outreach

Courage to be Safe

OFPC, in partnership with the National Fallen Firefighters Foundation, is delivering this educational initiative to accomplish the goal of the US Fire administration to reduce firefighter fatalities by 25 percent within five years and 50 percent within 10 years. The program is based on 16 initiatives developed during the Firefighter Life Safety Summit.

Designed for: All firefighters, especially individuals in leadership and decision making positions

Course Length: 4 hours

Course number : 01-15-0001

Course Location(s): Locally via Outreach

Fire Mobilization and Mutual Aid Awareness

An awareness level course designed for officers and firefighters who may deploy as part of the New York State Fire Mobilization and Mutual Aid Plan or department officers who may find themselves needing to request assistance through the New York State Fire Mobilization and Mutual Aid Plan during a large scale event. Topics include: an overview of the New York State Fire Mobilization and Mutual Aid Plan, requesting and deploying resources, expectations of deploying resources, documentation, and an overview of the reimbursement process.

Designed for: All emergency response personnel

Course Length: 3 hours

Course number : 01-05-0083

Course Location(s): Locally via Outreach

Principles of Building Construction: Combustible (NFA)

This course introduces basic construction principles and the special characteristics of wood and ordinary construction as they concern the fire service. Primary emphasis is on improving the fire officer's ability to ensure firefighter safety by recognizing common causes and indicators of failure and other hazards related to building construction. Course material enables the fire officer to better predict the overall reaction of a building to fire conditions.

Designed for: Fire service personnel

Course Length: 12 hours

Prerequisites: BEFO (formerly known as Scene Support Operations) or equivalent

Course number : 01-05-0034

Course Location(s): Academy, Locally via Outreach

Principles of Building Construction: Noncombustible (NFA)

Introduces special characteristics of noncombustible and fire resistive construction as they concern the fire service. Primary emphasis is on improving the fire officer's ability to ensure firefighter safety by recognizing common causes and indicators of failure and other hazards related to building construction. Course material enables the fire officer to better predict the overall reaction of a building to fire conditions.

Designed for: Fire service personnel

Course Length: 12 hours

Course number : 01-05-0035

Course Location(s): Academy, Locally via Outreach

The Rules Have Changed... The Firefighter's Guide to Lightweight Wood Construction

This course introduces the student to the special characteristics and considerations of Lightweight Wood Construction. Topics such as manufacturing methods, component awareness, fire performance, and strategies & tactics pertaining to fires involving lightweight wood construction will be examined. Primary emphasis is on improving fire personnel's ability to recognize the presence of lightweight wood construction and the hazards related with it. Course material enables the student to recognize the dangers, operate safely and better predict the overall reaction of a building during fire conditions. The course includes three student activities.

Designed for: Fire Officers and senior firefighting personnel.

Fire Officers and senior firefighting personnel.

Course Length: 12 hours

Prerequisites: Firefighter I or equivalent

Course number: 01-05-0071

Course Location(s): Academy

Refresher Training

The Refresher Training course is a unique approach to fire training in New York State. It is designed to address the needs of veteran firefighters who have been trained for some time and are in need of skill refresher opportunities. A course is created by county fire coordinators to provide targeted refresher training and will include specific skills retraining by selecting a series of existing units of instruction from any of the courses listed below. Contact your county fire coordinator for further information.

Designed for: Fire service personnel

Course number and length:

01-05-0042, 2 units, 6 hours;

01-05-0043, 3 units, 9 hours;

01-05-0039, 4 units, 12 hours

Prerequisite: Firefighter I (1S) or equivalent

Courses Offered: Firefighter I, Firefighter II, Apparatus Operator - Pump, Truck Company Operations, Apparatus Operator - Aerial Device

Location: Locally via Outreach

HAZARDOUS MATERIALS

Hazardous Materials First Responder Operations

Prepares emergency responders to effectively and safely respond to and stabilize hazardous materials incidents from a defensive position. Meets the training requirements of OSHA 1910.120 for the first responder, both at the awareness and operations levels. Includes recognizing and identifying hazardous materials, classifications and the hazards of each class, transport vehicles and associated hazards, planning for incidents, personal protective equipment and its limitations, confinement methods and decontamination procedures. Case studies identify appropriate operational procedures. This course is also contained in the Firefighter I course.

Designed for: All emergency response personnel

Course Length: 16 hours

Course number : 01-09-0071

Course Location(s): Academy, Locally via Outreach

Hazardous Materials Technician Module 1: Primary Skills for the Hazardous Materials Responder

Emergency response personnel will learn basic skills to effectively and safely respond to incidents involving hazardous materials in an offensive or defensive mode. This course covers portions of OSHA 1910.120 and NFPA 472 for the Hazardous Materials Technician. Topics include terminology associated with Hazardous Materials responses, use of reference materials at a hazardous materials incident, determining appropriate decontamination methods and the selection and use of chemical protective clothing. Course uses both lecture and hands-on skill stations.

Designed for: All emergency response personnel

Course Length: 24 hours

Prerequisites: Hazardous Materials First Responder Operations, and SCBA medical clearance. Signed Training Authorization Letter required. Student must be affiliated with a hazardous materials response agency to attend

regional classes. Academy offerings are open to all.

Course number: 01-09-0098

Course Location(s): Academy, Regionally via Outreach

Hazardous Materials Technician Module 2: Interpreting the Hazardous Environment

This second in a series of Hazardous Materials Technician modules provides emergency response personnel with skills to interpret and better understand the hazardous environments they will be working in. This course covers portions of OSHA 1910.120 and NFPA 472. Topics include the use of chemistry for the emergency responder; monitoring, detection and identification instrumentation; proper sampling protocols and identification of special response incidents such as Clandestine Laboratories and Weapons of Mass Destruction/ Terrorism incidents.

Designed for: All emergency response personnel

Course length: 12 hours

Prerequisites: Hazardous Materials Technician Module One: Primary Skills for the Hazardous Materials Responder. Student must be affiliated with a hazardous materials response agency to attend regional classes. Academy offerings are open to all.

Course number: 01-09-0099

Course Location(s): Academy, Regionally via Outreach

Hazardous Materials Technician Module 3: Managing the Hazardous Materials Incident

OHSA 1910.120 and NFPA 472 require Hazardous Materials Technicians to be trained in the management of Hazardous Materials incidents. This third segment in a series of 5 covers the requirements of those two standards. Course topics include risk based analysis, a Hazardous Materials Technician's role in ICS, container identification, planning a response and incident termination.

Designed for: All emergency response personnel

Course length: 8 hours

Prerequisites: Hazardous Materials Technician Module One: Primary Skills for the Hazardous Materials Responder. Student must be affiliated with a hazardous materials response agency to attend regional classes. Academy offerings are open to all.

Course number: 01-09-0100

Course location(s): Academy, Regionally via Outreach

Hazardous Materials Technician Module 4: Advanced Skills for the Hazardous Materials Responder

The fourth module in the Hazardous Materials Technician curriculum gives the hazardous materials responder the knowledge to properly contain and mitigate the hazard posed by a hazardous material in a damaged container. This course will discuss and allow for hands on learning on the following topics: Damage assessment and product behavior, Plugging, Patching, dome cover clamps, overpacking, Chlorine Emergency Kits A, B, C. We will also discuss the special considerations associated with pressurized containers, drums and intermediate bulk containers.

Designed for: All emergency response personnel

Course length: 24 hours

Prerequisites: Hazardous Materials Technician Module One: Primary Skills for the Hazardous Materials Responder; Hazardous Materials Technician Module Two: Interpreting the Hazardous Environment; Hazardous Materials Technician Module Three: Managing the Hazardous Materials Incident and SCBA medical clearance. Student must be affiliated with a hazardous materials response agency to attend regional classes. Academy offerings are open to all.

Course number: 01-09-0101

Course location(s): Academy, Regionally via Outreach

Hazardous Materials Technician Module 5: Specialty Skills for the Hazardous Materials Responder

The last module of the Hazardous Materials Technician curriculum combines the skills and knowledge that a Hazardous Materials Technician must demonstrate to be certified under OSHA 1910.120 and NFPA 472. This course will include discussion and hands on skills on the following topics: Haz Mat RIT procedures, hot and cold tapping, stinger operations, venting, flaring, vent & burn, vacuum and pressure differential transfers, transfer pumps, hoses, sparging, vapor suppression and dispersion.

Designed for: All emergency response personnel

Course length: 16 hours

Prerequisites: Hazardous Materials Technician Module One: Primary Skills for the Hazardous Materials Responder; Hazardous Materials Technician Module Two: Interpreting the Hazardous Environment; Hazardous Materials Technician Module Three: Managing the Hazardous Materials Incident, Hazardous Materials Technician Module Four: Advanced Skills for the Hazardous Materials Responder and SCBA medical clearance. Student must be affiliated with a hazardous materials response agency to attend regional classes. Academy offerings are open to all.

Course number: 01-09-0102

Course location(s): Academy, Regionally via Outreach

Hazardous Materials Incident Command

Provides the hazardous materials incident commander with the skills necessary to successfully and safely manage the incident. Includes the need for an organized approach to managing hazardous materials incidents, the required elements for an employer's emergency response plan, site-specific pre-incident emergency planning, incident analysis and the development of site safety plans, strategic goals for hazardous materials incidents, and developing a plan of action and its application and tactical objective to accomplish the strategic goals.

Designed for: All emergency response personnel

Course Length: 24 hours

Course number : 01-09-0033

Course Location(s): Academy, Locally via Outreach

Hazardous Materials Incident Safety Officer

This course will provide participants with information as to the role of the safety officer that is required for a hazardous materials incident under OSHA 29 CFR 1910.120. During this course students will learn the functions of the safety officer, the importance of monitoring operations of the hazardous materials operations, the need to provide information to the incident commander, and appropriate actions to be taken in order to provide for the safety of the responders and the public. With the use of scenarios, participants will fulfill the role of the safety officer at various scenes and make appropriate safety considerations.

Designed for: Incident Safety Officers at hazardous materials incidents

Course Length: 8 hours

Course number : 01-09-0034

Course Location(s): Locally via Outreach

Hazardous Materials First Responder Operations Annual Refresher

Provides training to review and refresh the competencies covered in OSHA 1910.120 HAZWOPER for First Responder Awareness and Operations Level Responders. This course provides a review of the nine classes of materials, the use of the US DOT Emergency Response Guidebook, principles of containment, confinement, and extinguishment within the scope of the duties of a first responder at the Operations Level. This training is designed to satisfy annual refresher training requirements of OSHA for hazardous materials.

Designed for: All emergency response personnel

Course Length: 4 hours

Course number : 01-09-0074

Course Location(s): Locally via Outreach

Hazardous Materials Technician Basic Refresher

This course is intended to meet the annual refresher requirements for the Hazardous Materials Technician. Through a combination of classroom and hands-on activities, the student will demonstrate the required competencies as outlined in 29 CFR 1910.120. Topics include terminology, DOT hazard classes, identifying hazardous materials, personal protective equipment, decontamination, detection equipment, and tactical options for dealing with a hazardous materials incident.

Designed for: Practicing hazardous materials technicians

Course Length: 16 hours

Prerequisite: Hazardous Materials Technician

Course number : 01-09-0040

Course Location(s): Locally via Outreach

Basic Life Support and Hazardous Materials

Emphasizes critical concerns for emergency medical responders at hazardous materials incidents. Includes safety issues for emergency medical service-hazardous materials response personnel, managing contaminated victims, decontamination and treatment procedures of a basic life support nature, and transportation and receiving facilities. Stresses the toxicological aspects associated with hazardous materials response.

Designed for: Emergency medical service providers with little or no previous hazardous materials training

Course Length: 12 hours

Course number : 01-09-0004

Course Location(s): Academy, Locally via Outreach

Bath Salts: The Latest Threat to Responders

This course is intended to provide all levels of first responders with the basic knowledge required to recognize a potential bath salts incidents, how to safely approach and handle the effected individuals, proper personal safety precautions, and scene management.

Designed for: All First Responder Personnel

Course Length: 2 hours

Course number : 01-09-0088

Course Location(s): Academy, Locally via Outreach

Cargo Truck Hazardous Materials Specialist

This is an advanced level course that will prepare Hazardous Materials Technicians to meet the competencies set forth in NFPA Standard 472 Chapter 13. The topics covered in handling cargo truck emergencies are extremely hazardous and employ highly skilled operations. Competencies covered include overviews of specification cargo trailers; damage assessment; leak mitigation; product removal techniques, (including flaring and transfers); and up righting overturned trailers. Responders will gain hands on experience with several trailer types, including gasoline, corrosive, propane and cryogenic trailers; and the tools/ techniques necessary to plan and implement a response. The majority of the class is outside practical evolutions.

Designed for: Hazardous Materials Technicians

Course length: 24 hours

Prerequisite: Fire Fighter II and Hazardous Materials Technician

Signed Training Authorization Letter required

Course number: 01-09-0082

Course location(s): Academy

PPE required: Full structural turnout gear, SCBA with spare cylinder, plus work clothes to include steel toed shoes, leather work gloves, eye protection and head protection.

The Challenge of Pesticides and Poisons

Develops skills necessary to safely stabilize a hazardous materials incident involving pesticides and poisons. Includes procedures to correctly identify materials, determine their toxicology, and develop strategies to manage the incident. Information on storage and distribution requirements of the Fire Code of New York State for pesticides and poisonous materials is also included. Case studies examine the dangers of these materials and the lessons to be learned from actual incidents.

Designed for: All emergency response personnel

Course Length: 12 hours

Course number : 01-09-0055

Course Location(s): Academy, Locally via Outreach

Chemical Suicide: Information for First Responder

Every year dozens of people in the United States commit suicide using various types of hazardous materials, and too often first responders become exposed to these chemicals. This course is designed to give all first responders the skill set necessary to identify a suicide involving hazardous materials, safely approach the incident using appropriate personal protective equipment, and manage the scene successfully.

Designed for: All first response personnel

Course length: 2 hours

Course number: 01-09-0080

Course location(s): Locally via Outreach

Decontamination

Trains firefighters and emergency services personnel to fully understand and perform decontamination of people and equipment at the scene of a hazardous materials release. Proper protection as well as procedures for emergency and formal decontamination are covered.

Designed for: All emergency response personnel who may be required to perform decontamination.

Course Length: 4 hours

Course number : 01-09-0009

Course Location(s): Locally via Outreach

Decon Trailer Equipment Training

Some counties in New York State opted to receive a decontamination trailer instead of, or in addition to, the level A WMD trailers. This class is classroom and hands-on, utilizing the equipment supplied by the WMD Task Force.

Designed for: Responders assigned to a decontamination duties

Course length: 4 hours

Course number : 01-09-0008

Course Location(s): Locally via Outreach

Live Fire Class B Foam Operations

This course provides practical training for mitigating spills and fires involving crude oil, ethanol and other ignitable liquids. Topics covered include: overview of common ignitable liquids; use of class B foam, with emphasis on alcohol resistant foam concentrates; foam nozzles and proportioning equipment; and determining foam needs for various scenarios. There are also hands on practical activities involving vapor suppression with finished foam, confining spills, and live fire extinguishment. During live fire evolutions, foam handlines will be set up and employed for a leaking and burning tank truck. Full structural turnout gear, SCBA with spare cylinder, and a signed Training Authorization Letter are required for this course for all students.

Designed for: All emergency response personnel

Course Length: 12 hours

Prerequisite: Fire Fighter I or equivalent and Hazmat First Responder Operations. Signed Training Authorization Letter required

Materials Fee: $45

Course number : 01-09-0084

Course Location(s): Academy, Regionally via Outreach

First Receiver Decontamination

Trains hospital personnel to fully understand and perform decontamination of victims of hazardous materials or weapons of mass destruction incidents. Proper levels of protection as well as procedures for formal, emergency, and mass decontamination are covered.

Designed for: Hospital personnel

Course Length: 8 hours

Course number : 01-09-0075

Course Location(s): Locally via Outreach

Flammable and Combustible Liquid Emergencies

Develops skills needed to respond to flammable liquid releases in both fire and non-fire situations. Includes familiarization with flammable liquids and their hazards, normal transportation and storage containers, and firefighting foams and their applications.

Designed for: All emergency response personnel

Course Length: 16 hours

Course number : 01-09-0022

Course Location(s): Academy, Locally via Outreach

Flammable Gas Emergency Response Workshop

Develops skills needed to respond and successfully control propane and natural gas incidents. Industry representatives participate and share their ability to serve as a fire department resource. Includes classroom discussion of the properties of propane and natural gas, production and distribution, planning for and responding to fires or other incidents involving these gases. Students will participate in several live fire evolutions as a member of a fire attack team. Students are required to bring approved turn-out gear and SCBA.

Designed for: All firefighters and fire officers

Course Length: 12 hours

Prerequisite: Signed Training Authorization Letter

Materials Fee: $25

Course number : 01-09-0023

Course Location(s): Academy

Hazardous Materials for the Code Official

Under the Fire Code of New York State, local officials have a significant responsibility and the authority to ensure proper storage and handling of hazardous materials. Training includes the principles of hazardous materials identification, identification of the nine classes and appropriate divisions applied to hazardous materials, and proper storage. Also includes separating incompatible materials, marking facilities storing hazardous materials, and the code's responsibility in the hazardous materials reporting requirements. OSHA 1910.120 training requirements for Hazardous Materials First Responder Awareness Level are included.

Designed for: All emergency response personnel with code enforcement responsibility

Course Length: 6 hours

Course number : 01-09-0073

Course Location(s): Academy, Locally via Outreach

Personal Protective Equipment for the Hazardous Materials Operations Level Responder

This course is designed for Operations level responders that may be required to participate in activities requiring the use of chemical protective clothing. It incorporates both classroom presentation and hands on training. Focus is on selection of proper PPE, safety, proper donning/doffing techniques and dexterity.

Designed for: Hazardous Materials First Responder Operations level personnel

Course length: 4 hours

Prerequisite: Hazardous Materials First Responder Operations

Signed Training Authorization Letter required

Course number: 01-09-0081

Course location(s): Academy, Locally via Outreach

Recognizing Clandestine Drug Lab Operations

Clandestine drug labs can be found in a variety of places, from a residence to a hotel room to a vehicle. They can manufacture a number of substances including methamphetamine, MDMA (ecstasy), or even steroids. The processes involved frequently utilize flammable liquids, corrosives, toxic gases, and water reactive materials. This course provides responders with the skills to recognize a potential clandestine lab situation and take the appropriate course of action. The course focuses heavily on methamphetamine production, especially the "one pot" method currently on the increase in New York State, and deals with proper procedures for recognition, isolation, reporting, and dealing with victims and the "cooks" themselves.

Designed for: All first response personnel

Course length: 3 hours

Course number : 01-09-0053

Course Location(s): Locally via Outreach

Respiratory Protection Program

This course is designed for the agency's respiratory protection program administrator as defined in 29 CFR 1910.134 OSHA Respiratory Protection Standard. Curriculum content outlines the requirements of the Respiratory Protection Pro-gram standard for emergency escape de-vices, air purifying respirators (negative pressure) and self-contained breathing apparatus (positive pressure). In addition, training is provided on the procedures and equipment to conduct a quantitative fit test.

Designed for: Response agency respiratory protection program administrators

Course Length: 6 hours

Course number : 01-09-0054

Course Location(s): Locally via Outreach

Sampling Techniques for the Hazardous Materials Technician

Prepares hazardous materials technicians to effectively collect and submit samples according to local and state protocols. This course will train technicians to collect samples that are suitable for laboratory analysis.

Designed for: Hazardous Materials Technicians

Course length: 4 hours

Prerequisite: Hazardous Materials Technician

Course number : 01-09-0078

Course Location(s): Locally via Outreach

Advanced Sampling Techniques for the Hazmat Technician

This advanced level course will show Hazardous Materials Technicians how to obtain solid, liquid, and gas samples for laboratory analysis from a variety of potential situations while operating in PPE. Competencies covered include techniques for sampling unity and multiphasic liquids, drums and totes, underground tanks, transport and storage trucks, railcars, ponds, rivers, soil and the air.

Designed for: Practicing hazardous materials technicians

Course Length: 24 hours

Prerequisite: Hazardous Materials Technician

Materials Fee: $25.00

Course # 89

Note: This course is academy or regionally based only and has a very limited course offering due to equipment and trainer requirements.

Computer-Aided Management of Emergency Operations (CAMEO)

Offers hands-on training using computers to assist in hazardous chemical emergencies. The Cameo program contains response information and recommendations for thousands of commonly transported chemicals, an air dispersion model to assist in evaluating release scenarios and evacuation options. CAMEO includes several easily adaptable databases and programs that will assist responders to plan for, and respond to, incidents involving chemicals used in their communities.

Designed for: Emergency planners, personnel with hazardous materials responsibilities

Course Length: 36 hours

Course number : 01-09-0007

Course Location(s): Academy

Hazardous Materials Seminar

Each year the Hazardous Materials Seminar brings New York's Haz Mat Responders together to participate in a weekend of learning. Speakers from across the country deliver presentations on current topics of interest as well as the newest developments in the field. Attendees have opportunities to network with their peers, exchanging information and experiences. Many emergency service organizations accept attendance at this seminar as fulfillment of the annual recertification for Haz Mat Operations or Technician level training required by OSHA 1919.120.

Designed for: All emergency response personnel

Course Length: 16 hours

Materials Fee: $5

Course number : 01-09-0036

Course Location(s): Academy A

HEALTH AND SAFETY

Fire Police

Trains fire police to perform their duties more effectively. It includes defining and interpreting terms, oath of office, relation to regular police officers, general duties, maintaining safe conditions at an emergency, traffic direction and control, pre-planning, and various laws of interest to the fire service. Under the provision of General Municipal Law, Section 209-c, this course, when approved by OFPC, must be completed by every fire police officer who was appointed after September 1, 1980.

Designed for: Fire service personnel designated as fire police

Course Length: 21 hours

Course number : 01-15-0002

Course Location(s): Locally via Outreach

Health and Safety Officer (NFA)

Addresses the health and safety officer's role in identifying, evaluating, and implementing policy and procedures that affect health and safety aspects for emergency responders. Risk analysis, wellness issues, and other occupational safety issues are discussed.

Designed for: Health and safety officers and chief officers

Course Length: 14 hours

Course number : 01-15-0005

Course Location(s): Academy

Highway Safety for Emergency Responders

Students completing this course will have an awareness of the serious nature of highway crash scenes and the hazards associated with them. Students will have an understanding of the four phases of traffic control that take place in the first hour. They will also possess the ability to select and place the appropriate traffic control devices for various crash sites. Other topics covered are: stopping sight distance requirements for vehicles across a broad range of speeds, how to establish various traffic control zones, where to stand and how to direct traffic.

Designed for: All emergency response personnel

Course Length: 15 hours

Course number :01-15-0006

Course Location(s): Academy, Regionally

Incident Safety Officer (NFA)

Examines the safety officer's role at emergency response situations. It focuses specifically on operations as a safety officer within the incident command system.

Designed for: Fire department safety officers

Prerequisite: Firefighter I

Course Length: 14 hours

Course number : 01-15-0007

Course Location(s): Academy, Locally via Outreach

On-Scene Rehabilitation for Emergency Operations

This course explains the why, when and how of rehabilitation for emergency responders (firefighters, hazardous materials, EMS, technical rescue, ice and water rescue, etc.). The course shows how and when to meet the requirements of National Fire Protection Association (NFPA) 1500 Fire Department Occupational Safety and Health Chapter 6-6, NFPA 1561 Emergency Services Incident Management System Chapters 2-8 and 9.

Designed for: Incident commanders, safety officers and emergency service personnel

Course Length: 12 hours

Course number : 01-15-0008

Course Location(s): Academy

PUBLIC SAFETY DISPATCHER TRAINING

Public Safety Dispatcher I (APCO)

This program is designed to address the basic functional areas needed for a student to become a Public Safety Dispatcher. This course will address the following topic areas: Telephone, radio and other industry related technologies, call-taking skills, call classification and radio dispatching. The training will also discuss stress management and liability issues related to the dispatch profession. This class will follow the APCO Public Safety Telecommunicator I curriculum.

Designed for: All emergency service personnel

Course Length: 40 hours

Course number : 01-05-0049

Course Location(s): Academy

Required Text: APCO PST1 Student Manual. The student is responsible to obtain a copy of the text prior to class. Instructions for ordering the text will be sent when course registration is confirmed by OFPC. Allow three weeks for delivery from APCO.

Public Safety Dispatcher II

This curriculum serves to provide further education for the modern day Public Safety Dispatcher. This course will focus on current trending issues in the industry and includes the following topics: Domestic violence, handling different types of callers as well as managing the mass-casualty incident (eg. Active shooting). Also included is managing fireground communication including MAYDAY situations. A discussion of legal responsibilities and stress management for the seasoned dispatcher will also be included. Perfect for in-service training credit!

Designed for: Active public safety dispatchers

Course Length: 40 hours

Prerequisite: Experience as a public safety dispatcher

Course number : 01-05-0060

Course Location(s): Academy

TECHNICAL RESCUE

All technical rescue courses are based on objectives from National Fire Protection Association (NFPA) 1006 – Rescue Technician Professional Qualifications and 1670 – Standard on Operations and Training for Technical Rescue Incidents.

Accident Victim Extrication Training

Provides hands-on training in motor vehicle rescue and extrication techniques while stressing the need for scene safety and vehicle stabilization. It includes rescue theory, rescue life cycle, new technology in automotive design and rescue tools and their uses.

Designed for: All emergency response personnel

Course Length: 16 hours

Prerequisites: Firefighter I; Basic Firefighter; or Firefighting Essentials, or BEFO (formerly known as Scene Support Operations), or basic level EMS training

Materials Fee : $60

Course number : 01-04-0001

Course Location(s): Academy, Regionally, Locally via Outreach

Alternative Fueled Vehicles and New Vehicle Technology

Provides information about the hazards of the alternate fuels, such as methanol, compressed natural gas, and electric power, the pressures created within fuel cylinders, as well as safety information on other hazards that may be present at incidents involving an alternative fueled vehicle. The second portion of the program deals with the changing technology of the automobile. Intended to provide new information for those students who may have completed Accident Victim Extrication Training (AVET) in the past and have a need to update information about changes to the newer vehicles.

Designed for: All emergency response personnel

Course Length: 4 hours

Course number : 01-04-0006

Course Location(s): Regionally

Amtrak Passenger Train Emergency Response Procedures

This course is presented by Amtrak. Content includes familiarization with railroad systems, equipment, and operational procedures; operation of access and egress devices, as well as emergency operation of the equipment; power systems including locomotives, electric powered equipment; firefighting/search and rescue procedures for rail cars (this includes a practical application from a smoke filled railcar); and victim removal from rail cars using various rescue procedures. All students wishing to participate in the hands-on portion dealing with search and rescue of rail cars, along with victim removal techniques, are required to bring firefighting OSHA compliant protective equipment, self-contained breathing apparatus (SCBA), and one spare air bottle.

Designed for: All emergency response personnel

Course Length: 8 hours

Prerequisite: Firefighter I; Basic Firefighter; or Firefighting Essentials, and students must be physically capable of wearing SCBA and possess current medical clearance for SCBA use. Students not possessing this prerequisite will not be allowed to participate for their own safety. A completed Training Authorization Letter will meet this requirement.

Course number : 01-04-0064

Course Location(s): Locally

Basic Structural Collapse Operations

Provides specialized training in the realm of building collapse rescue, a threat in every community. Content will include warning signs, collapse causes, void identification, safety precautions, search techniques, team operations, building construction awareness, and initial fire department operations. Several case studies will be discussed and a table top exercise is included. A test will be given at the end of the class.

Designed for: All emergency response personnel

Course length: 8 hours

Course number : 01-04-0007

Course Location(s): Academy, Regionally, and Locally via Outreach

Concrete Breaching and Breaking

The purpose of this course is to provide the student the basic principles on the safe and effective operations of penetrating concrete debris and damaged slabs or walls to safely extricate trapped victims.

The student shall learn the safe and proper techniques to breach, break, cut and burn to gain access through concrete, steel or other structural components during rescue operations in heavy floor, heavy wall, steel and concrete structures. The student will also learn to identify the different types of concrete construction as well as the safety hazards that present themselves to the rescuer at every collapse situation. Students will be able to rapidly identify pre and post tensioned concrete and the specific dangers each represents in a given collapse situation. Designed for: Emergency response personnel with responsibility in structural collapse operations.

Designed for: All emergency response personnel

Course length: 16 hours

Prerequisite: Rescue Technician Basic, Basic Structural Collapse Ops, Medium Level Structural Collapse Concepts, MSCO: Tools, MSCO: Interior Shoring, MSCO: Exterior Shoring, MSCO: Void Search & Rescue, Rescue Heavy Rigging.

Course number : 01-04-0011

Course Location(s): Academy and Regionally

Confined Space Awareness and Safety

Provides identification and awareness information to allow students to make reasonable judgments in confined-space rescue situations. It includes topics such as regulations, response planning, hazard types, personal protective equipment, retrieval equipment, and air quality. Case histories and student exercises provide opportunities to practice planning skills for confined space rescue response, as well as evaluate past incidents.

Designed for: All emergency response personnel

Course Length: 6 hours

Course number : 01-04-0014

Course Location(s): Academy, Locally via Outreach

Confined Space Rescue - Technician Level

This course provides practical training in confined-space hazards; air monitoring and ventilation; space isolation techniques; personal protective equipment, including both supplied air, self-contained breathing apparatus (SCBA), and respirators; and retrieval systems and retrieval methods. Practical evolutions enable the student to evaluate a specific confined-space incident and perform the necessary procedures to safely and effectively rescue the victim.

Designed for: All emergency response personnel with responsibilities in confined-space rescue

Course Length: 32 hours

Prerequisites: Firefighter I, Basic Firefighter, or Firefighting Essentials,

Rescue Technician - Basic and Confined Space: Awareness and Safety. Signed Training Authorization Letter required

Course number : 01-04-0012

Course Location(s): Academy and Regionally

Emergency Boat Operations & Rescue

Emergency Boat Operations & Rescue training is designed to meet the requirements of NFPA standards for professional qualifications at the technician level for boat operators. Its primary goal is to train firefighters and other emergency response personnel who respond to water rescue emergencies using power boats. Topics covered are: small boat operation in still & moving water, risk management for rescue operations, navigation, rescue techniques, search techniques, boat selection & outfitting, boat maintenance, and crew skills.

Designed for: Emergency response personnel with responsibility for the operation of motorized water craft in a moving water or flood environment.

Course Length: 24 hours

Prerequisite: Water Rescue - Operations Level

Course number : 01-04-0066

Course Location(s): Academy and Regionally

Ice/Cold Water Rescue - Technician Level

This course provides an advanced level ice rescue training including self-rescue, shore based ice rescue techniques, and go ice rescue techniques. This is a hands-on training program which includes a significant amount of on ice time for skill practice. It also addresses the effects of cold water on victims, ice rescue techniques, off shore techniques, and ice rescue equipment. Course will include several scenario based ice rescue exercises.

Designed for: All emergency response personnel

Course Length: 16 hours

Course number : 01-04-0021

Course Location(s): Academy and Regionally

Industrial and Agricultural Machinery Rescue

The purpose of this course is to provide advanced training to personnel in the specific hazards and problems associated with performing rescues from agriculture and/or industrial machinery. The program focuses on many aspects of machinery including construction, safety systems, and extrication strategies. Additionally, this course, when combined with a "Farmedic" awareness level program, is equivalent to the Farmedic rescue course offered nationally.

Designed for: Emergency response personnel with responsibility in industrial and/or agricultural machinery rescue

Course Length: 16 hours

Prerequisite: Rescue Technician Basic, Accident Victim Extrication Training

Course number : 01-04-0067

Course Location(s): Academy and Regionally

Medium Level Structural Collapse Concepts

This classroom program is designed to provide the background knowledge necessary to perform rescue operations at a structural collapse incident. The course includes instruction on: structural construction considerations such as types of construction, construction techniques, terminology and mechanism of collapse based on structure type; detailed concepts of structural shoring systems; void search and rescue operations in structural collapse incidents; structural collapse team organization and operations concepts.

Designed for: Emergency response personnel with responsibility in structural collapse operations

Course Length: 12 hours

Prerequisite: Basic Structural Collapse Operations

Course number : 01-04-0040

Course Location(s): Academy and Regionally

Medium Structural Collapse Operations: Exterior Shoring

This two-day program will thoroughly familiarize the student with the exterior shoring techniques needed to safely construct all the types of exterior shores generally needed to conduct safe rescue operations and stabilize the exterior of the structure. Students in this intensive hands-on course will be tested on the proper construction of the various shores needed to accomplish this task.

Designed for: Emergency response personnel with responsibility in structural collapse operations

Course Length: 16 hours

Prerequisites: Rescue Technician - Basic, Basic Structural Collapse Operations, Medium Level Structural Collapse Operations: Tools and Structural Collapse Concepts (or Medium Construction Related to Building Failure and Emergency Rescue Shoring Concepts in place of Medium Level Structural Collapse Concepts)

Materials Fee: $45

Course number : 01-04-0059

Course Location(s): Academy and Regionally

Medium Structural Collapse Operations: Interior Shoring

This two-day program will familiarize the student with the proper interior shoring techniques needed to safely construct all the types of interior shores generally utilized to conduct safe rescue operations. This is an intensive hands-on course and the students will be tested on the proper construction of the various shores.

Designed for: Emergency response personnel with responsibility in structural collapse operations

Course Length: 16 hours

Prerequisites: Rescue Technician - Basic, Basic Structural Collapse Operations, Medium Structural Collapse Operations: Tools and Structural Collapse Concepts (or Medium Construction Related to Building Failure and Emergency Rescue Shoring Concepts in place of Structural Collapse Concepts)

Materials Fee: $45

Course number : 01-04-0058

Course Location(s): Academy and Regionally

Medium Structural Collapse Operations: Tools

This two-day program will familiarize the student with the tools used in structural and excavation collapse related incidents. This is an intensive hands-on course and the students will be evaluated on the proper use of the tools provided.

Designed for: All emergency response personnel

Course Length: 16 hours

Prerequisite: Basic Structural Collapse Operations or Basic Trench Collapse Concepts or Trench Rescue: Awareness Level

Materials Fee: $45

Course number : 01-04-0057

Course Location(s): Academy and Regionally

Medium Structural Collapse Operations: Void Search and Rescue

This is a two day program with intensive practical void search training. The students participate in numerous void search evolutions with emphasis on team concepts, proper search techniques, safety operations, and size up. Simulated rescue scenarios will be conducted with students required to safely extricate victims from void spaces.

Designed for: Emergency response personnel with responsibility in structural collapse operations

Course Length: 16 hours

Prerequisites: Rescue Technician-Basic, Basic Structural Collapse Operations, Medium Level Structural Collapse Operations: Tools, Structural Collapse Concepts (or Medium Construction Related to Building Failure and Emergency Rescue Shoring concepts in place of Structural Collapse Concepts), and Medium Level Structural Collapse Operations: Interior Shoring

Materials Fee: $45

Course number : 01-04-0060

Course Location(s): Academy and Regionally

Passenger Train Emergency Rescue Procedures

Partnership between Metro North Railroad and OFPC. Content includes: railroad systems, equipment and procedures; normal and emergency operation of equipment; power systems including locomotives, electric equipment and third rail precautions; search and rescue procedures (practical with smoke); victim removal. OSHA compliant protective equipment, SCBA and one spare bottle are required.

Designed for: All emergency response personnel

Course Length: 8 hours

Prerequisite: Firefighter I; Basic Firefighter; or Firefighting Essentials, and students must be physically capable of wearing SCBA and possess current medical clearance for SCBA use. Students not possessing this prerequisite will not be allowed to participate for their own safety. A completed Training Authorization Letter will meet this requirement.

Course number : 01-04-0027

Rescue Heavy Rigging

The purpose of this course is to provide the student the basic principles on the safe and effective operations of working with heavy rigging equipment and cranes used to safely extricate trapped victims in structural collapse situations. The student shall learn to identify, use and maintain the equipment used to rig loads, implement the process of planning a lift as well as rig, lift, and move objects using various hand tools as well as actual hands-on time with a crane.

Designed for: Emergency response personnel with responsibility in structural collapse operations.

Course Length: 16 hours

Prerequisite: Rescue Technician Basic, Basic Structural Collapse Ops, Medium Level Structural Collapse Concepts, MSCO: Tools, MSCO: Interior Shoring, MSCO: Exterior Shoring, MSCO: Void Search & Rescue

Materials Fee: $40

Course number : 01-04-0028

Course Location(s): Academy and Regionally

Rescue Technician - Basic

Provides a base from which to prepare students for a wide variety of possible rescue operations. This course includes an overview in areas of specialized rescue, search, technical rescue management, risks and priorities; use of ropes, knots, and rope systems in a low angle environment, and establishment of landing zones for helicopter operations. Demonstrations, practice sessions and testing are included.

Designed for: All emergency response personnel

Course Length: 24 hours

Course number : 01-04-0032

Course Location(s): Locally via Outreach

Rescue Technician-Basic/ Confined Space - Technician Level

This course combines Rescue Technician Basic, Confined Space Rescue and Confined Space Awareness into one program allowing students to complete this training in a reduced time frame.

Designed for: Personnel with confined space rescue responsibilities

Course Length: 48 hours

Prerequisite: Firefighter I, Basic Firefighter or Firefighting Essentials. Signed Training Authorization Letter required

Course number : 01-04-0034

Course Location(s): Academy

Rope Rescue - Operations Level

Provides information and skills to adequately perform basic vertical rope rescue techniques in an urban/ suburban environment. While many of the techniques and skills taught in this program are applicable to the wilderness environment, this is not the intent of this program. The overall objective is to improve rescuer awareness of the safety concerns at rope rescue situations and to develop basic skills in rappelling and high-angle rescue systems. Topics include safety orientation, risk assessment, equipment, basic rappelling and ascending, anchoring, belaying, mechanical advantage, patient packaging, incident management, skills evaluation, and testing.

Designed for: Emergency response personnel with responsibility in rope

rescue

Course Length: 32 hours

Prerequisite: Rescue Technician - Basic or equivalent

Course number : 01-04-0035

Course Location(s): Academy and Regionally

Rope Rescue - Technician Level I

Provides information and skills to perform advanced vertical rope rescue techniques in an urban/suburban environment. The overall objective is to improve rescuer awareness of the safety concerns at rope rescue situations and to develop advanced skills in high angle rescue techniques and systems. Topics include ascending, pickoffs, knot passing, team operations, advanced litter packaging, rigging and lowering as well as horizontal and high/low tensioned systems. This program also includes written testing as well as skills evaluation.

Designed for: Emergency response personnel with responsibility in rope rescue

Course Length: 32 hours

Prerequisite: Rope Rescue - Operations Level

Course number : 01-04-0036

Course Location(s): Academy and Regionally

Rope Rescue - Technician Level II

Provides additional information and skills required to perform advanced vertical and horizontal rope rescue techniques in an urban/suburban environment. The overall objective is to improve rescuer awareness of safety concerns at rope rescue situations and to develop advanced skills in high angle rescue techniques and systems. Topics include vertical low tensioned systems (offsets) and horizontal and steep tensioned systems (highlines). This program also includes written as well as skill evaluations.

Designed for: Emergency response personnel with responsibility in rope rescue

Course Length: 32 hours

Prerequisite: Rope Rescue -Technician Level I

Course number : 01-04-0037

Course Location(s): Academy and Regionally

School Bus Rescue

The School Bus Rescue Course provides advanced training to personnel in the specific hazards and problems associated with performing rescues from school buses. The program focuses on many aspects of school buses including: construction; safety systems; and extrication strategies.

Designed for: All emergency response personnel

Course Length: 4 hours

Course number : 01-04-0038

Course Location(s): Academy and Regionally

School Bus Rescue Practical Skills

This is a practical training session which allows students to apply concepts presented during the School Bus Rescue Course and begin to establish proficiency in related extrication skills. Students attending this course will be provided information relating to: tool placement and staging, anatomy of a school bus, school bus stabilization, primary entry, secondary entry, patient packaging and extrication and bus rollovers

Designed for: All emergency response personnel

Course Length: 4 hours

Prerequisite: Bus Rescue (# O/39) or School Bus Rescue

Course number : 01-04-0039

Course Location(s): Academy and Regionally

Swift-Water/Flood - Rescue Technician

This course provides basic to advanced level swift-water/flood rescue training including self-rescue in swift-water, go rescues, boat based rescues, and rope systems for swift-water rescue. This is a hands-on training program which requires participants to spend a significant amount of time mastering water rescue skills in fast moving water. Course also includes several scenario based water rescue exercises.

Designed for: All emergency response personnel involved in water rescue emergencies

Course Length: 32 hours

Prerequisites: Rescue Technician-Basic or Rescue Operations

Course number : 01-04-0051

Course Location(s): Academy and Regionally

Trench Rescue - Awareness Level

This course will discuss problems that can and do occur in trench rescue incidents. Safety techniques, shoring techniques, proper procedures, team operations, and hazard assessment will all be discussed and explained in depth.

Designed for: All emergency response personnel

Course Length: 8 hours

Course number: 01-04-0008

Course Location(s): Academy, Regionally, and Locally via Outreach

Trench Rescue - Operations Level

This two-day program consists of intense hands-on training in the field of trench rescue. The students will be taught several ways to shore trenches, the different types of extrication techniques, proper rescue site management, as well as the proper safety concepts needed to complete a safe and successful rescue. There will be live exercises in which the students will actually extricate a trapped victim from an open trench scenario.

Designed for: Emergency response personnel with responsibility in trench collapse operations

Course Length: 16 hours

Prerequisites: Rescue Technician - Basic, Medium Structural Collapse Operations: Tools and Trench Rescue - Awareness Level

Materials Fee: $45

Course number : 01-04-0042

Course Location(s): Academy and Regionally

Trench Rescue - Technician Level

Designed to increase the skills learned in the basic trench rescue class. Rescue operations in intersecting, L-shaped, and deep trenches will be covered. Advanced trench rescue shoring techniques and concepts will also be shown.

Designed for: Emergency response personnel with responsibility in trench collapse operations

Course Length: 16 hours

Prerequisites: Rescue Technician - Basic, Trench Rescue - Awareness Level, Basic Trench Collapse Operations or Trench Rescue - Operations Level,

and Medium Structural Collapse Operations: Tools

Materials Fee: $45

Course number : 01-04-0043

Course Location(s): Academy, Regionally, and Locally via Outreach

Water Rescue - Awareness Level

This course provides an overview of water safety and rescue issues including: hazard assessment, responder safety, risk management, hypothermia, near-drowning, basic water search techniques, basic shore-based rescue techniques, incident management issues, and water rescue equipment.

Designed for: All emergency response personnel

Course Length: 4 hours

Course number : 01-04-0052

Course Location(s): Academy, Regionally, and Locally via Outreach

Introduction to Water Rescue for First Responders

This course is designed to introduce firefighters and EMS personnel to water rescue at the operations (shore based) level of response. The course contains information on: hazards, medical considerations, incident management, on self-rescue, PPE and rescue techniques. Practical training is also provided in self-rescue and shore based rescue skills.

Designed for: All emergency response personnel involved in water rescue emergencies

Course Length: 16 hours

Course number : 01-04-0053

Course Location(s): Academy and Regionally

SPECIAL PROGRAMS

County Fire Coordinator Conference

Includes orientation and training for new or recently appointed personnel as well as basic staff and command training for those with county-level fire service responsibility.

Materials Fee: $5

Course number : 01-14-0005

Course Location(s): Academy

Note: By invitation only

County Weekend

Several weekends are reserved each year for county weekends. A guaranteed enrollment of 150 is required for an exclusive weekend.

Designed for: All emergency response personnel

Course Length: 12 hours

Materials Fee: $5

Course Location(s): Academy

FASNY EMS Conference

This is a two-day seminar conducted by the Emergency Medical Service (EMS) Committee of the Firemen's Association of the State of New York (FASNY).

Designed for: All emergency response personnel interested in emergency medical training

Course Length: 14 hours

Materials Fee: $5

Course Location(s): Academy

Fire Service Explorer Weekend

Fire Service Explorer Weekends allow members of participating Explorer Posts to gain practical experience in the field of firefighting and emergency medical service. The 12-hour program includes activities and instruction on fire and EMS topics, including fire prevention, personal protective equipment, hose and ladder evolutions, search and rescue, firefighter survival, basic rescue skills, accident victim extrication and spinal immobilization. First-time participants focus on basic skills, with more advanced skills being taught each year that the candidate returns. Participants must submit medical clearance, medical history and parental permission forms with their registration.

Designed for: Fire department Explorer Scouts

Course Length: 12 hours

Course number : 01-14-0011

Course Location(s): Academy

Instructor Authorization Conference

Involves annual authorization of state fire instructors (SFI), municipal training officers (MTO), municipal fire instructors (MFI), and county fire instructors (CFI).

Materials Fee: $5

Course number : 01-14-0015

Course Location(s): Academy

Note: By invitation only

Fire Service Women of New York State Training Conference

This annual training conference brings together career and volunteer women firefighters from throughout New York State and beyond. Each year a variety of workshops and classes are offered to the attendees. This training conference is co-sponsored by the New York State Office of Fire Prevention and Control and Fire Service Women of New York State, Inc.

Designed for: Female fire service personnel

Materials Fee: $5

Course number : 01-14-0012

Course Location(s): Academy

Regional Fire Administrator Conference

The annual meeting and in-service training of Regional Fire Administrators appointed to coordinate the New York State Fire Mobilization and Mutual Aid Plan.

Materials Fee: $5

Course number : 01-14-0034

Course Location(s): Academy

Note: By invitation only

Technical Rescue Conference

The conference is open to all responders and includes lectures and practical skill sessions in a variety of subjects including rope, confined space, structural collapse, water, vehicle, machinery and trench rescue as well as incident & team management training.

Materials Fee: $5

Course number : 01-04-0071

Course Location(s): Academy

Volunteer Fire Police Association Conference

This is a one-day conference conducted by the Fire Police Committee of the Volunteer Fire Police Association of the State of New York.

Designed for: Fire service personnel designated as fire police

Course Length: 8 hours

Materials Fee: $5

Course number : 01-14-0022

Course Location(s): Academy

FEES AND REGISTRATION INSTRUCTIONS

REGISTRATION FORMS

Academy and Regional Technical Rescue courses
require written pre-registration via mail or fax to the Academy,
using the approved form. Telephone reservations are not accepted.
If you require additional forms, photocopy the enclosed,
download at www.dhses.ny.gov/ofpc
or call the Academy. Contact your County Fire Coordinator or
Municipal Training Officer for Outreach Program registration protocol.

COURSE REGISTRATION FEE - NONREFUNDABLE

Academy and Regional Delivery:
NYS Residents - $25; Out-of-State - $50
Payable in advance with registration form
Outreach Program – no fee

MATERIALS FEE

Academy and Regional Technical Rescue:
See course description
Materials fee may be paid upon arrival.
Outreach Program – no fee
Required text book is not included in materials fee, must be purchased separately. Refer to course description and/or confirmation.

ACCOMMODATION FEE

Academy Resident: $40/day includes lodging and all meals
Academy Commuter: $8/day includes breakfast and lunch
Resident fee shown on course schedule has been adjusted for Sunday night arrivals or Friday afternoon departures (no dinner).
Commuter fee shown on course schedule has been adjusted for 1pm start times (no breakfast). Commuters are invited to purchase dinner meal tickets (by 11am) at $9/day if program requires mandatory evening sessions.
Bagged lunches are available upon request for off campus courses or departing students.
Regional Technical Rescue and Outreach Program – Student responsibility

PAYMENT METHOD

Fees may be paid by check, money order, or PO/Voucher payable to "Academy of Fire Science." If MasterCard or VISA is being used, the registration form must include a credit card number, expiration date and signature.
Registration fee must accompany the registration form.

PREREQUISITE COURSES

Proof of completion is required for residential courses
at the Academy and the Regional Technical Rescue Program
and must accompany the registration form.

ACCEPTANCE

Students receive written notification of acceptance. This notification also details mandatory registration and accommodation fees as well as any associated course material fee referenced in course descriptions.

REV 10/28/16