2014 June Fire School

June 2–7, 2014

Submit application by May 21, 2014

An Affirmative Action/Equal Employment Opportunity Employer

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Welcome

to the 2014 June Fire School at the Connecticut Fire Academy. On the first full week in June the Connecticut Fire Academy sponsors the June Fire School for first responders throughout the state and beyond. The school consists of approximately 50 classes over six days covering entry level to chief officer classes.

For those of you who may be new to the June Fire School we change up the food service to make room for our vendor's area in the Academy's multi-purpose room. Lunch will be served in the tent on the parking lot in front of the Administration/ Classroom building, and is included with all classes. Using the tent for food service allows room for vendors to display current items of interest to emergency responders in our multi-purpose room. Please visit these vendors during classroom breaks and before and after classes to show your support for them.

There will also be a lot of activity on the drill ground and in the Class A building to the rear of the admin/classroom building. Please be careful when in these areas, student vehicles are not allowed on the drill ground or within the fenced area around the Class A burn building. Parking is available to the rear of the admin/classroom building and to the east of the drill ground adjacent to the Hartford County classroom building.

Please register as soon as possible to ensure that you will be able to get a seat as some classes fill very fast. Applications can be faxed to 860-654-1889 if paid by credit card or department purchase order, or mailed with a check to the Training Registrar 34 Perimeter Road Windsor Locks, CT 06069. You can always stop in at the Academy to hand deliver applications.

If you are participating in hands-on classes remember to bring sport drinks to hydrate. Fresh water will be available on the training grounds each day of the school. If personal protective clothing is required it is specified in the specific course description for that class. Some classes are held off-site, you will be notified in your confirmation letter if your class will not be at the CFA.

For students who are interested in staying overnight at the Connecticut Fire Academy, lodging may be available, please contact Kara Ouellette 860-264-9231for lodging information.

If you have any additional questions, the staff at the CFA is available to assist you.

Please note that some locations, times, and dates are subject to change without notice. Registered students will be notified if any changes occur. Connecticut Fire Academy Acceptance Notices and Refund/Cancellation Policy Acceptance notices with directions will be mailed as soon as programs are filled or approximately two weeks prior to the start of all programs. Applicants not accepted in a program will generally be notified within a week of our receiving their application.

Seating is limited for many Connecticut Fire Academy programs. Please notify the Training Registrar promptly in the event of a need to cancel your registration. Not only will your refund be processed in a timely manner, but your seat can be offered to someone on the waiting list. Students canceling at least seven days in advance of a program will receive a full refund. Please note that refunds are processed by the state Comptroller's Office and may take up to one month.

Advanced Fireground Operations

Course #	14300
Date:	6/5, 6/6, 6/7
Time:	8:30-4:30
Fee:	$175
Class hours:	24

This three day program will focus on four components of Fireground operations; Engine, Ladder, Rescue and Incident Command operations. This class will emphasize coordinated fire attack scenarios. These operations will challenge you to make wise fireground decisions based on real time information and most importantly real world fire evolutions that you will encounter in your communities. This is not a Firefighter I live burn, you will be challenged! During the classroom portion on day one you will be introduced to solid skill sets. On day two and three you will be presented with live fire evolutions under various conditions.

Class size is limited to 25 students, so sign up early!

Aerial Strategies and Tactics

Course #	14301
Date:	6/5, 6/6
Time:	8:30-4:30
Fee:	$90
Class hours:	16

This course will cover general aerial safety issues, rescue priorities, ventilation operations, elevated master streams and general aerial use in both emergency and non-emergency situations. Topics include: basic tactical options for aerial use and limitations, apparatus placement, stabilization systems, and elevation. Students will review the major responsibilities of an aerial apparatus operator including; positioning, spotting, and staging apparatus for incident operations.

Hands-on exercises will reinforce recommended safe practices in the areas of raising, rotating and extending an aerial device, ladder tip placement for various situations and operating aerial master streams.

Training Prerequisites: Certified Firefighter I; or have been a member of a Fire Department on or before July 1, 1977. Proof must be submitted with the application.

Autism Awareness for First Responders

Course #	14302
Date:	6/3
Time:	1:00-4:30
Fee:	$20
Class hours:	3.5

Fire/Rescue Autism is designed to increase Autism Awareness for the First Responders. Our members have trained over 15,000 firefighters and EMT's in the United States in Autism Awareness and we have given First Responders the tools necessary to mitigate incidents that they may come across.

We are available to assist your department or organization in setting up a training cycle to present this very important topic. It is up to you to be proactive as this condition affects 1 in 88 (CDC Statistic) people today and it is growing at a rate of 10 - 15% per year.

It is not a matter of IF you will come in contact with someone from the Autism Community; it is most definitely WHEN.

Building Construction for the Fire Service

This program will look at the NFPA 220 classification of buildings and their fire resistance characteristics. Time will be spent looking at the different types of loads placed on buildings, structural elements and how they effect fire ground decision making. In addition fire protection and fire growth in buildings will be covered with emphasis on the various wood frame styles and ordinary construction. Course will include a review of case studies in which building construction was a factor in line of duty deaths.

Fire Marshal credit: 8

Course #	14304
Date:	6/6
Course #	14303
Date:	6/7
Time:	8:30-4:30
Fee:	$50
Class hours:	8

Building the Incident Action Plan

What is an Incident Action Plan (IAP) - it is your document for managing a major incident. The complicated Incident Command System forms, who is doing what, where did we search. This class will provide the answers to all those questions. We will follow the steps to writing an accurate and concise IAP.

Course #	14359
Date:	6/2
Time:	8:30-4:30
Fee:	$50
Class hours:	8

Driver Training Simulator

This program is for all persons currently qualified as emergency vehicle operators. You already have an operator's license and drive a vehicle on a daily basis, this program provides Emergency Vehicle Operators the opportunity to learn skills related to collision avoidance, defensive driving and maintaining situational awareness while driving in the emergency mode! Using a state of the art full size fire apparatus and Medic/Staff Vehicle cab simulators, students will be coached in critical emergency vehicle operator skills and given an opportunity to hone those skills in true to life simulations.

Course #	see table
Date:	see table
Time:	see table
Fee:	$55
Class hours:	3.5

Attendees are not taught how to drive; instead they are introduced to skills that can ensure they arrive safely at their next emergency scene. Novice and veteran EV operators can each learn critical skills in this introduction to EVO skills building program.

4 students per session

"Courtesy of Enfield Fire Department"

Course Number	Date	Time
14306	6/2	8:30-12:00
14307	6/2	12:30-4:30
14308	6/3	8:30-12:00
14309	6/3	12:30-4:30
14310	6/4	8:30-12:00
14311	6/4	12:30-4:30
14312	6/5	8:30-12:00
14313	6/5	12:30-4:30
14314	6/6	8:30-12:00
14315	6/6	12:30-4:30
14316	6/7	8:30-12:00
14317	6/7	12:30-4:30

Evidence Preservation at the Fire Scene

Course #	14318
Date:	6/4
Time:	1:00-4:30
Fee:	$25
Class hours:	3.5

Fire suppression forces and first responders can perform vital life safety and property conservation efforts while maintaining a high level of viable scene evidence if they are aware of some basic concepts. This training is designed to introduce the fire suppression forces to the team concept of fire investigation and offer the fire officer some options that may aid the fire investigators during their investigation. Topics that will be covered include arson awareness, the Fire Investigator's responsibility to the Incident Commander, and the four basic firefighter functions regarding evidence preservation during fire investigations: observation, recognition, preservation, and notification. Potential students should be aware that photographs for the content of portions of this program are from actual investigations and may be graphic in nature.

Fire Marshal credit: 4

EVOC – Vehicle Operation and Apparatus Safety: Officer's Role in Driver Safety

Course #	14319
Date:	6/5
Time:	1:00-4:30
Fee:	$25
Class hours:	3.5

The responsibility for the safe operation of emergency vehicles does not begin or end behind the steering wheel. Emergency Vehicle Operations (EVO) is a system of interlocking areas of responsibilities that extend from the driver's seat to the officer's seat all the way to the Chief of Department. This course examines the role of each of these areas of responsibility from the Company Officer to the Chief of the Department.

Course topics include EVO training, standards, liability issues, vehicle inspection and maintenance, and the need to have in place applicable standard operating procedures or guidelines.

EVOC – Vehicle Operation and Apparatus Safety

Course #	14320
Date:	6/3
Course #	14321
Date:	6/7
Time:	8:30-4:30
Fee:	$50
Class hours:	8

EVOC defines needed qualities and discusses motivating the operators to drive safely. A module on legal issues includes definitions of legal terms such as liability, negligence and driving with "Due Regard" and how these issues arise in our daily occupational environment. All of the applicable Connecticut Statutes are reviewed as well as the current NFPA standards. The course explains vehicle dynamics and collision forces that need to be well understood by the emergency vehicle operator who is then taught several "safe driving" techniques to keep these forces in check. Additional modules include an analysis of the different types of braking systems, total stopping distances, the types of engine retarders and auxiliary braking systems and the problems these systems can cause for the emergency vehicle operator. The expansion of the "Safe Driving Technique" module includes a section on tanker operation and rollover prevention.

The course concludes with case studies of actual emergency vehicle crashes involving fire and EMS vehicles wherein emergency vehicle operators and their crews have been seriously injured, killed and/ or arrested and charged as a result of improper driving techniques.

Federal Bureau of Investigation and the First Responder: Active Shooter Incidents

This course will prepare Police, Fire, EMS, emergency management, school systems and other officials with some basic tools and information needed to develop and assess a multi-agency mass shooting/critical incident response plan, using an All-Hazards approach.

The course will also discuss the need for inter-agency cooperation and planning before a critical event.

Course #	14322
Date:	6/3
Time:	1:00-4:30
Fee:	$20
Class hours:	3.5

Federal Bureau of Investigation and the First Responder:WMD

The WMD 101 will deal with defining CBRNE and provide general information regarding the overall threat spectrum involving WMD.

The Improvised Chemical Device Section will provide information regarding the development and use of improvised chemical threats.

The Suspicious Package Response Section will cover the evolution of a WMD call from the first 911 call to the overall scene management, evidence collection, field testing issues, and where the FBI falls within Unified Command.

Course #	14323
Date:	6/3
Time:	8:30-12:00
Fee:	$20
Class hours:	3.5

Fire Apparatus Foam System Performance Testing & Maintenance Tips From A Foam Manufacturer's Perspective

This half day class will cover the following Foam related maintenance issues:

- Direct Injection - Discharge Side (electronic flow meter/ pump driven)
- Balance Pressure Systems (mechanical pump driven)
- Foam induction (simple mechanical eductors - no pumps)
- Around The Pump (ATP) Foam Systems (mechanical suction side eductors - no pumps)
- Jet ratio proportioners (no pumps)
- Batch Mix - What foams can you simply dump and pump?

Course #	14324
Date:	6/5
Time:	8:30-12:00
Fee:	$20
Class hours:	3.5
Classroom—Multimedia	

Jim Cottrell of CottrellAssociates is National Foam's Municipal Division's factory agent and product development consultant. Jim is chair of IFSTA's Foam Technical Committee and a member of Underwriters Laboratory Foam Standards Technical Panel. He has written extensively on all subjects fire foam related. His presentation will focus on foam system performance, maintenance and engineering concerns that relate to any and all fire foam concentrates include training (simulator) foams.

This program is appropriate for: Mechanics, maintenance officers and fleet managers - land and marine as well as personnel who want to have a better understanding of foam delivery.

Fire Department Response to Aircraft Incidents

Course #	14344
Date:	6/4
Time:	8:30-4:30
Fee:	$25
Class hours:	8

This course will give emergency responders basic knowledge and considerations when dealing with an aircraft incident. Any personnel who may respond to an aircraft incident (on or off an airport site) will benefit from this course. The main focus will be on the familiarization when responding of general, commercial, and military aircraft incidents.

Some topics covered will include aircraft familiarization including materials, fuel tank locations, fuel types and general hazards. The types of crashes and key factors for a successful fire department response including basic firefighting and rescue tactics, hazardous materials, and National Transportation Safety Board (NTSB) guidelines will be covered.

This course is designed for structural firefighters not assigned to ARFF duties.

This presentation will be held off-site from the Connecticut Fire Academy.

Fire Service Instructor III

Course #	14325
Date:	6/7
Time:	8:30-12:00
Fee:	$185
Class hours:	3.5

This course is designed to meet the third level of instructor as identified in NFPA 1041. Topics include administration, records, policies, supervising instructors, analysis, evaluation and program development.

The course is blended learning, with only one class meeting. Access to a computer with internet is mandatory to complete the course.

Training Prerequisites: Certified Fire Service Instructor II. Proof must be submitted with the application.

Firefighter Down!

Course #	14326
Date:	6/5
Time:	8:30-4:30
Fee:	$75
Class hours:	8

This is a one-day class consisting of classroom to start the day and hands-on skills for the remainder of the day. This program consists of several skills stations, such as the peaked roof Mayday call, trapped and disoriented, firefighter missing, and rapid intervention skills. Room orientation drills, what is a low air supply issue or out of air emergency, best radio practice procedures and the Incident Commanders role after the Mayday call has been received. This class will teach students the proper procedures and techniques for how a Mayday should be called over the radio and what the downed fire fighter needs to do after that Mayday is called. Discussions on the department capabilities versus, real world needs, inter department operability. Course content covers how to incorporate R.I.T. operations with other area departments.

Fireground Survival

This course on firefighter survival and rapid intervention training uses scenarios based on actual incidents to identify problems encountered, and offers solutions for members in life threatening situations. Self-rescue procedures, such as low profile ladder egress and personal rope bail-out procedures will give participants options if caught in deteriorating situations. The class will also cover removing members in distress and teach skills to safely do so. Methods of searching for missing firefighters in an open area will also be covered. Class is labor intensive, full protective clothing including SCBA with spare cylinder is required.

Course #	14327
Date:	6/2, 6/3, 6/4
Time:	8:30-4:30
Fee:	$175
Class hours:	24

Training prerequisite: Firefighter I

Flashover Survival

Flashover Survival begins with a classroom presentation followed by a simulation of a pending flashover in the Connecticut Fire Academy flashover simulator. The flashover simulator offers firefighters the opportunity to observe fire behavior and the signs of an impending flashover in a controlled setting.

This training is an experience of a lifetime that could save your life. Students should bring a bottle of water or sport drink to re-hydrate throughout the training.

Participants are required to bring full protective clothing, including SCBA with one spare cylinder.

Course #	14328
Date:	6/2
Course #	14329
Date:	6/7
Time:	8:30-4:30
Fee:	$110
Class hours:	8

Long pants are required to participate in the flashover live burns. Shorts alone are not acceptable. The Connecticut Fire Academy will not be responsible for damages to PPE.

Training Prerequisites: Certified Firefighter I; proof must be submitted with the application.

A separate flashover permission slip is required at the time of registration.

Fire Marshal Credit: 4

FLASHOVER PERMISSION FORM

Please print/type and mail/fax with payment to:
CFPC, 34 Perimeter Road, Windsor Locks, CT 06096-1069 • Fax (860) 654-1889
The following must be completed prior to receiving Flashover Survival training.

Participant's Signature:_____ Date:_____

Participant's Name: _____
(Please Print)

As the Chief of the _____ Fire Department

I hereby authorize the above applicant to participate in the Flashover Simulator, and therefore understand that the above mentioned member(s) will be covered by my department's Worker's Compensation Insurance while participating in such training and that the Commission on Fire Prevention and Control, its commissions, officers, agents or employees shall not be liable for any injuries sustained during such training. This applicant(s) is considered by my department's standards to be physically and emotionally fit to perform firefighting evolutions without special considerations, and where applicable to meet the CFR 1910.134 standard for the use of respirators (Self-Contained Breathing Apparatus).

I further understand that the Commission on Fire Prevention and Control, its commission, Officers, agents or employees shall not be liable for any damage to the above mentioned members' protective equipment while participating in Flashover Survival training. According to the Flashover Container manufacturer; firefighting helmets constructed with polycarbonate will fail during flashover and are therefore prohibited.

Chief's Signature: _____ Date:_____

Chief's Name: _____
(Please Print)

Forcible Entry

This dynamic program, taught by Captain Robert Morris of Rescue 1 FDNY (Ret), consists of both a classroom session and hands-on scenarios. The classroom covers the types of doors and lock hardware that the firefighter is likely to encounter, how to size up the forcible entry situation, and how best to attack the lock. Methods range from the standard method of using a set of irons to through- the-lock techniques.

After the classroom portion, all students will get their opportunity to practice forcing various locks utilizing the methods discussed in the classroom. Captain Morris has presented this program throughout the country.

Portions of this class will be held off-site from the Connecticut Fire Academy.

Full protective clothing (No SCBA) is required.

Course #	14330
Date:	6/2
Time:	8:30-4:30
Fee:	$100
Class hours:	8

From the Jump Seat to the Front Seat

This program will assist the newly appointed or elected company officer transition from firefighter to company officer. It can also be used as a review for seasoned officers. Topics covered will include, introduction to leadership, the role of the officer, traps and traits of leadership, coaching, mentoring and problem solving. The goal of the program is to lay a foundation of leadership for participants as they advance in their career as fire officers.

Afternoon session will involve case by case scenarios having students perform "Size-Up" and identify needs and roles to be accomplished as the First Arriving Company Officer.

Course #	143231
Date:	6/4
Time:	8:30-4:30
Fee:	$50
Class hours:	8

Hazardous Materials Awareness/Operations TtT

The Train-the -Trainer will be an in depth review of the Awareness / Operations / WMD 472-2013 program. The program DVD, support documents, charts, drills, quizzes, and program flow will be reviewed and discussed.

Each student will receive a DVD with the complete Awareness / Operations / WMD program as well as a Complete Refresher Program; both programs are written to meet the NFPA requirements for certification and to exceed the OSHA 29CFR1910.120 requirements.

"Funding provided for this course by the U.S. Department of Transportation, Pipeline and Hazardous Material Safety Administration Agency Hazardous Materials Emergency Preparedness Program Grant"

Course #	14332
Date:	6/5
Course #	14333
Date:	6/7
Time:	8:30-4:30
Fee:	$20
Class hours:	8

Hazardous Materials: Incident Commander

Course #	14334
Date:	6/3, 6/4
Time:	8:30-4:30
Fee:	$40
Class hours:	16

Hazardous Materials Incident Commander is based on the N.F.P.A. 472-2013; Chapter 8.

The incident commander shall be the person responsible for all incident activities, including the development of strategies and tactics and the ordering and release of resources as designated by the authority having jurisdiction.

29CFR1910.120 (q) (6) (v)

On scene incident commander. Incident commanders, who will assume control of the incident scene beyond the first responder awareness level, shall receive at least 24 hours of training equal to the first responder operations level.

The Connecticut Fire Academy is proudly offering this "Pilot" program which will eventually be a National Certification level. Students who complete this course will be notified when the National Certification is obtained when the written test will be available if they so choose.

"Funding provided for this course by the U.S. Department of Transportation, Pipeline and Hazardous Material"

Holmatro Rescue Equipment Featuring New Vehicle Technology

Course #	14335
Date:	6/3
Time:	8:30-4:30
Fee:	$75
Class hours:	8

This program is designed to not only provide knowledge of hydraulic rescue tools, but also to apply this knowledge in hands-on auto extrication situations. Safe operation of some of the newest equipment in use in Connecticut will be demonstrated. Instructors for this program include Holmatro representatives, service personnel, and Connecticut Fire Academy Instructors who have been trained in the use of Holmatro hydraulic rescue equipment. Topics include: facts about hydraulic rescue tools; problem solving; proper applications and safe operation. Each attendee will receive a Vehicle Extrication Techniques booklet.

Full Protective clothing (No SCBA) is required.

How to Deploy Fire Department Staff

Need to design a fire truck? Want to improve your department's fireground operations? Pressured by financial constraints? This class will be a directed discussion of the elements that impact "community fire suppression system design." Topics up for discussion include quints and rescue pumpers, SOP's, ISO, NFPA 1710 and 1720, accreditation, response times, station locations, and related topics. This course is an excellent "big picture" overview for the chief officer.

Course #	14336
Date:	6/6
Time:	8:30-4:30
Fee:	$25
Class hours:	8.0

Hurst Extrication Equipment

This program is designed to provide knowledge in the use of the Hurst Tool and how to apply the knowledge in auto extrication situations. Safe operation of the oldest and newest equipment in Connecticut will be demonstrated. Instructors for this program include representatives from the Hurst Tool Manufacturer, repair personnel, and Connecticut Fire Academy faculty who have been trained by Hurst Emergency Products Division of the Hale Product, Inc., Group. Topics covered include facts about the tool, problem solving, field maintenance, proper applications and safe operation. This program will include both classroom information and hands-on practical skills training with vehicles. Participants are required to bring full protective clothing (No SCBA).

Course #	14337
Date:	6/5
Course #	14360
Date:	6/7
Time:	8:30-4:30
Fee:	$75
Class hours:	8

Introduction to EMS Leadership

The goal of this course is to provide students with the knowledge, skills and abilities to perform the duties of an EMS Supervisor during daily operations as well as emergency incident operations.

This three-day course takes the experienced EMT or Paramedic and gives them the tools and opportunities to practice in the role of an EMS Supervisor. The training consists of discussion, role-playing and guided activities in the following subjects: Organizational Culture, Leadership Styles, Conflict Resolution, Customer Service and handling citizen complaints, Communication and Decision-making and practice handling Emergency Incidents using the ICS.

Course #	14338
Date:	6/3, 6/4, 6/5
Time:	8:30-4:30
Fee:	$70
Class hours:	24

Training prerequisites: preferred EMT/EMT-P with 3 years' experience, knowledge of ICS.

Required text: None (Notebook provided)

Introduction to Member Involved Safety Investigation

This course is designed specifically for Chief Officers and Company Officers although other students are welcome. A majority of firefighters, company officers and chief officers do not have even the most basic knowledge as to what to do in the initial time immediately following an incident when a member is either killed or seriously injured in a fire ground (or other) mishap. What the Company and / or Chief Officers do in terms of securing the scene, evidence, statements, etc. can either make or break an investigation.

Course #	14339
Date:	6/4
Time:	8:30-4:30
Fee:	$50
Class hours:	8

This course is designed to introduce students to what tasks must be accomplished first in order to lay the groundwork for a valid investigation.

Topics include: scene preservation, what is evidence and how to preserve it, basic forensic photography, the psychology of preserving eyewitness and non-eyewitness testimony, introduction to proper interviewing techniques, scene inspection with measurements and field sketches.

Fire Marshal Credit: 4

Moderating Incident Critiques

The fire service needs to gain every possible insight from the reduced number of fires in order to improve service. This class provides a four-step process to running an effective critique. Notable incidents provide an excellent opportunity to reinforce good behavior and to examine areas where we could do better.

The critique isn't over until a list of positive steps to take is created, and each is assigned to a specific individual for follow-through.

Course #	14341
Date:	6/5
Time:	1:00-4:30
Fee:	$25
Class hours:	3.5

Optimizing Rescue Skills

Course #	14342
Date:	6/6
Time:	8:30-4:30
Fee:	$75
Class hours:	8

This new June School course offering concentrates on utilizing equipment available on first due fire apparatus (life safety rope, webbing, a few carabiners, backboards, ladders, rescue throwbags) for accomplishing common rescue tasks. In situations where specialized rescue equipment is not available, this class will show how many situations can be remedied using skills that line firefighters can be taught utilizing equipment commonly found on first due apparatus or in a member's pocket. There will also be emphasis placed on the utilization of these skills in large scale incidents where specialized equipment may be unavailable due to demand in other incident sectors.

An additional focus area of this session will be the ability of the attendee to bring back these skills to their fire company in the form of skills drills.

Oral Interview - Entry Level Firefighter Techniques

Course #	14345
Date:	6/7
Time:	8:30-12:00
Fee:	$25
Class hours:	3.5

Have you ever wondered what you should wear, what to say or not say, how to act or how to succeed in an entry level oral interview? If so, this one-day course is for you. Based on information from instructors who sit on entry level oral boards on a regular basis, this course reviews how to prepare and present yourself to an oral panel.

The program provides insight on what to expect, types of questions you may be asked and tips that will allow you to present yourself in the best possible light as you interview for a career firefighter position.

Oral Interview - Mastering the Promotional Interview

Course #	14343
Date:	6/4
Time:	8:30-4:30
Fee:	$50
Class hours:	8

Have you ever wondered what you should wear, how to act or how to succeed in an oral interview? If so, this one-day course is for you. Based on information from instructors who sit on oral boards on a regular basis, this course reviews techniques on how to prepare and present yourself to an oral panel.

This course is centered on "line officer" interviews; however, the techniques of preparation also apply for entry and administration levels. The session will give the participant an opportunity to try his/her skills at a mock oral interview.

Pre-Incident Planning

This two-day course helps firefighters in preparation for properly conducting a pre-incident plan for a proactive response to targeted buildings. The course is based on the NFPA 1620 – Standard for Pre-Incident Planning.

The students are provided with guidelines and perspectives to help them with performing a hazard risk analysis. This analysis and subsequent pre-planning can be used to enhance firefighter safety, determine resource requirements and aid in strategy and tactical decision making which influence effective incident management.

Fire Marshal Credit: 8

Course #	14346
Date:	6/2, 6/3
Time:	8:30-4:30
Fee:	$100
Class hours:	16

Rehabilitation and Medical Monitoring - NFPA 1584

This 3 hour comprehensive program provides the knowledge to set up and administer firefighter rehabilitation according to the 2008 NFPA 1584 standard. Firefighter rehabilitation has been identified as a critical part of managing the health and safety of firefighters and reducing line-of-duty injuries and deaths.

The program includes your own copy of the IAFC Rehabilitation workbook and the program CD (PowerPoint presentation files and instructors guidebook). You will have everything you need to return to your department and develop your own 1584 compliant rehabilitation program.

Course #	14347
Date:	6/2
Time:	8:30-12:00
Fee:	$25
Class hours:	3.5

SCBA Confidence

This one day presentation starts with a short classroom session in the morning followed by physically intensive SCBA practical skills. Students will learn and review skills related to the NFPA standards and common SCBA inspection and uses. Participants will also practice SCBA use, air management techniques, and energy conservation in challenging practical skills applications. Students will provide full PPE, including SCBA with spare bottle. Class is limited to 20 students.

Course #	14348
Date:	6/4
Time:	8:30-4:30
Fee:	$75
Class hours:	8

Scott Air-Pack Field Maintenance 2.2 – 4.5

Course #	14349
Date:	6/3
Time:	8:30-4:30
Fee:	$25
Class hours:	8

This one day program is designed to acquaint your personnel with field maintenance of Scott 2.2/4.5 SCBA's. Major emphasis is placed upon student participation in a series of hands-on exercises under the supervision of a Scott Health and Safety technician.

Topics will include inspecting, cleaning, disinfecting, parts replacement and trouble shooting.

This class will not cover the NxG2 SCBA.

Participants will be required to bring their own 2.2 – 4.5 Scott SCBA. Should a department wish to perform field maintenance on their Scott SCBA, there is an extensive necessary tool list. A complete list of the necessary hand tools will be mailed with your class confirmation prior to the date of the class. For this class it is advisable to have the general hand tools, pin punches and lightweight hammer from the list available for the class.

Fire Marshal credit: 4

Smoke Signals: Enhancing Tactical Decisions Based on Products of Combustion

Course #	14350
Date:	6/2
Time:	8:30-4:30
Fee:	$50
Class hours:	8

Determining the color, density, volume and velocity of smoke can assist in determining tactical objectives for extinguishing fires. Through review of past incidents, this class will encourage first arriving personnel to monitor smoke conditions prior to initial attack and continue to observe changing smoke conditions throughout the incident. These observations will assist the fire officer in making enhanced and safer tactical decisions.

Presented by Assistant Chief John "Jay" Woron Middletown Fire Department.

Fire Marshal credit: 2

Solar Photovoltaic Systems, Fire Service Operational Safety Concerns and Fire Investigations

Course #	14351
Date:	6/2
Time:	8:30-12:00
Fee:	$20
Class hours:	3.5

This program will include three topic areas regarding solar photovoltaic (PV) systems and the fire service. Included will be Information on solar photo voltaic systems including components and system designs, the operational changes and safety concerns involved when these systems are present on burning structures, and concerns with PV systems as fire causes. The program will be most informative to company and command officers as well as fire investigators.

SPEAKER: James Shanley

SPEAKER BIOGRAPHY

James Shanley is the Assistant Chief of the Pleasant Valley Fire Department. He is also a licensed Forensic Engineer and Fire Protection Engineer who specializes in the investigation of fires and explosions and has been a member of the NFPA Fire Investigation Committee responsible for NFPA 921, since 1988.

Sprinkler and Fire Protection Systems

Course #	14352
Date:	6/5
Time:	8:30-4:30
Fee:	$50
Class hours:	8

Firefighters, Officers, Inspector's and Fire Marshal's will get a thorough review of the operation of various Fire Protection System's including: Wet Systems, Dry Systems, Pre-action Systems, Gaseous Systems, Standpipe Systems, Fire Pumps / Water Supplies, etc.. Class will explain when and why these systems are installed. Class will attempt to make sense out of the Building Code and NFPA requirements. Basic system operation and support operations will also be discussed. Students will have the availability to influence those that design and specify these systems, in order that we may create "firefighter friendly" systems. If time allows hands on review of the sprinkler valves in the tower and/or basic standpipe hose deployment / support will also be reviewed.

Full PPE and SCBA will be required, as practical exercises will be conducted.

Fire Marshal Credit: 8

Standpipe Operations

Course #	14353
Date:	6/6
Time:	8:30-4:30
Fee:	$50
Class hours:	8

Whether you are in a large or small department, a 60-story hi-rise or a 2-story nursing home, standpipes are becoming more prevalent. Standpipe operations are extremely overlooked, taken for granted and an under-trained evolution with most fire departments. Standpipes are still misunderstood. This course will cover fatal incidents in past fires involving standpipes and how to avoid getting into dangerous situations during standpipe operations. Standpipe operation, proper equipment to use with standpipes, how to overcome problems with standpipes and duties of the members of an engine company will all be discussed. The students will go home with a new outlook on standpipe operations.

Full PPE and SCBA will be required, as practical exercises will be conducted.

Fire Marshal Credit: 4

Station Evaluator Training

Course #	14354
Date:	6/7
Time:	8:30-12:00
Fee:	$25
Class hours:	3.5

This half-day program is designed to establish a standard testing environment for students taking certification skill evaluations. Participants will learn the criteria for being professional and effective station evaluators. Participants will also practice completing skill sheets after viewing videotaped performances. Any instructor wishing to become a station evaluator at any state certification exam site must complete this course.

Prerequisites: Participants must be state certified as Fire Service Instructor I. Proof must be submitted with application.

Strategy and Tactics I

This two day course introduces the officer candidate to the philosophy and tools required for leadership decision making during emergencies. Subjects covered will be a review of the National Incident Management System (NIMS), Incident Priorities and Decision making, the basics of fire behavior and building construction, "size-up", evaluation and assessment as well as the difference between "strategy and tactics" using such tools as Layman's Tactical Model and RECEO VS, Terpak's COAL TWAS WEALTHS or Norman's version COAL WAS WEALTH and offensive versus defensive operations.

Course #	14355
Date:	6/2, 6/3
Time:	8:30-4:30
Fee:	$60
Class hours:	16

Strategy and Tactics II

This three-day course takes the firefighter and company officer through the everyday calls that take up the majority of fire service responses. These are the most common calls where the responder deals with the citizens and public the most. These calls are often referred to a "nuisance" calls by first responders but to the occupant or those effected by it, the incident could be a crisis. Common calls involve; utility issues: gas, electric, water; carbon monoxide detector activations; oil burners and heating units; auto accidents and fires; elevator emergencies; dumpster fires; auto fires; automatic alarm activations.

Course #	14356
Date:	6/4, 6/5, 6/6
Time:	8:30-4:30
Fee:	$90
Class hours:	24

Seminar Series: The Incident Tactics System

Course #	14141
Date:	6/6
Time:	8:30-4:30
Fee:	$55
Class hours:	8

The introduction and adoption of a nationally recognized Incident Command System (ICS) has led to fire ground operations being more efficiently managed. Unfortunately, the ICS will manage the operation, even if the tactics that are being employed are flawed, and sometimes even dangerous to the operating companies.

The Incident Tactics System (ITS) was developed so that fire departments that use the ICS to manage their fires will also have a system in place to help them select and manage the tactics that are needed to successfully bring the incident under control. The ITS identifies the tactics needed to operate on the fire ground by applying sound size-up and risk management evaluations to the typical fires that departments respond to.

The fires are classified by whether they are "tactical" or "strategic" fires and the expected resources needed to safely and efficiently bring the operation under control, and—through the system—how to expand the tactics as the incident conditions change.

This class will cover the "ICS" and introduce the "ITS" and its implementation. It will also cover the duties of the company officer in both systems.

Truck Work: From the Bottom Rung Up

Course #	14357
Date:	6/3
Time:	8:30-4:30
Fee:	$100
Class hours:	8

Forcible Entry, Primary Search and Ventilation are disciplines that most ladder company firefighters are comfortable with. Less widespread is proficiency in fire ground ladder work. This physically challenging class will immerse students in tactical ground ladder operations. Starting with a brief refresher to brush up on terms, carries and raises, the tempo quickly accelerates through over 20 different skills. Various techniques to raise, climb and use ladders from 16 to 50 feet in length, as well as entry, hose line advancement, victim removal, RIT and rapid-sequence laddering and ventilation will build your proficiency with this critical fire ground tool and will challenge your endurance. Emphasis will be placed on means to succeed in fire ground laddering operations with minimal manpower.

Full PPE, SCBA are required. This course will provide high motivation and the desire to put the ***ladder*** back into your ladder company.

Volunteer Fire Chief

Course #	14358
Date:	6/6
Time:	8:30-4:30
Fee:	$50
Class hours:	8

This full day course is designed to familiarize the newly installed volunteer fire chief with the duties and responsibilities that are connected to the position. Time will be spent defining how to plan, direct and supervise through subordinate officers the activities of the department as specified in department charter or bylaws. Attendees will be guided through how to establish and implement operational guidelines based on best practices and government laws and accepted national standards. Coordinating training programs that meet state OSHA and NFPA standards will also be reviewed. A review of items such as ensuring adequate records are kept of all required maintenance and training, how to prepare and submit an annual budget and a long range capital improvement plan, and tips on preparing a long range strategic plan for the fire department.

Discussions will review how to ensure that all local, state, and federal laws and policies are adhered to and maintaining a good relationship with other inter-municipal agencies. Instructors will review how to ensure that all inquiries and complaints regarding the fire department are handled promptly, efficiently, effectively and professionally. Guidelines will be discussed on providing representation through you or your subordinate officers to participate with fire chief and or mutual aid associations on the local, county, state, and national level, and participation in the local and statewide emergency planning process. Awareness of local, county and statewide assets that your department may utilize in a major incident will be reviewed.

This course will review how to handle workman's compensation claims, insurance liabilities, and if necessary LODD's, and what to do if you and or your department are involved in a lawsuit.

Finally information will be shared on how to enhance your knowledge of the job by attending classes, seminars, conferences and college classes, to be prepared for the ever changing responsibilities of being a fire chief in today's world.