

2016 JUNE FIRE SCHOOL

June 6-11, 2016



Submit application by May 26, 2016

An Affirmative Action/Equal Employment Opportunity Employer

Active Assailant Awareness and Response 3

Aerial Strategies and Tactics 3

AHA Healthcare Provider Refresher 3

Apparatus Purchasing 4

Bomb Squad Outreach 4

Building Construction for the Fire Service 4

Building Construction - From the Task and Tactic Viewpoint 5

Company Officer Boot Camp 5

Deployment Brief 5

Driver Training Simulator 6

Engine Company Operations 7

EVOC – Vehicle Operation and Apparatus Safety 7

Federal Bureau of Investigation and the First Responder: WMD 8

Fire Chief IOI 8

Fire Dynamics and the Fireground 8

Fire Service Instructor III 9

Fireground Survival 9

Flashover Survival 9

Forcible Entry 11

From the Jump Seat to the Front Seat 11

Hazardous Materials Awareness/Operations TtT..... 11

Holmatro Rescue Equipment Featuring New Vehicle Technology 14

Hurst Extrication Equipment 14

ICS 400 14

Incident Management Team: Planning Section Chief 15

Introduction to Member Involved Safety Investigation 15

It's All About Brain 16

June Fire School Cadet Day 16

Mastering the Firefighter Written Entrance Exam 17

Optimizing Rescue Skills 17

Oral Interview - Entry Level Firefighter Techniques 17

Oral Interview - Mastering the Promotional Interview 18

Photovoltaic Safety for Firefighters 18

Pre-Incident Planning 18

Rehabilitation and Medical Monitoring - NFPA 1584 19

Scott Air-Pack Field Maintenance 2.2 – 4.5 19

Seminar Series: Using Thermal Imaging & Modern Fire Dynamics to Improve Operations 19

Smoke Signals: Enhancing Tactical Decisions Based on Products of Combustion..... 20

Sprinkler and Fire Protection Systems 20

Standpipe Operations 20

Station Evaluator Training 21

Stress First Aid 21

The Leader in You 22

Truck Work: From the Bottom Rung Up 23

Understanding Fireground Waterflow 23



Welcome

On behalf of the instructors and staff of the Connecticut Fire Academy, I am pleased to present the 2016 June Fire School brochure. This is our single largest on-campus event and with over 50 course offerings, I'm sure it will be as successful as past years. As a firefighter, each year I looked forward to June Fire School.

Along with the many hands on classes offered this year, there are several new classes such as, Active Assailant Response, Bomb Squad Outreach and Fire Dynamics and the Fire Ground. Some of the classes this year are companion classes to one another; one example is Mastering the Firefighter Written Exam and Oral Interview: Entry Level or Sprinkler and Fire Protection Systems and Standpipe Operations. These classes can be taken individually or together. It is our main priority to exceed your expectations for quality, value, and customer satisfaction.

If you have any questions or suggestions, please feel free to call any of our staff members or me at 1-860-627-6363 or toll free at 1-877-5CT-FIRE.

Respectfully,

Bill Higgins, Director of Training

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.

ACTIVE ASSAILANT AWARENESS AND RESPONSE

Suddenly the next active shooter is at a building down the street, in your jurisdiction, and on your watch. The public, media, and those in harm's way have high expectations for a seamless response, prompt control, and decisive action. Never is it more critical for law enforcement, fire, EMS, and dispatchers to work together seamlessly and effectively. Saving lives depends on it. Are law enforcement's objectives mutually effective of fire and EMS objectives. This course will provide awareness level training especially beneficial to frontline emergency responders who have overall command responsibilities at incidents involving active shooters and hostile situations.



Course #	16452
Date:	6/11
Time:	8:30-12:30
Fee:	\$40
Class hours:	4

AERIAL STRATEGIES AND TACTICS

This course will cover, in detail, 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.



Course #	16453
Date:	6/7 & 6/8
Time:	8:30-4:30
Fee:	\$90
Class hours:	16

AHA HEALTHCARE PROVIDER REFRESHER

The American Heart Association BLS (CPR/AED) for Healthcare Providers Refresher Course updates professionals to the current AHA guidelines on lifesaving interventions for victims of cardiac and respiratory arrest. This course will cover CPR and the use of an AED for Adults, Children and Infants. This training along with 2 year certification is required for most healthcare providers that work in patient care areas and for students in medical and nursing programs.

Price will include the cost of the text and certification for this class.



Course #	16400
Date:	6/6
Time:	8:30-12:30
Fee:	\$40
Class hours:	4



APPARATUS PURCHASING

This class discusses the design, specification, bidding, building, inspection, acceptance, and financing of new fire apparatus. Topics include things such as warranty bonds, requests for proposal, pre-bid conferences, lease purchasing, and performance specifications. This class is a must for any department with a new fire truck in their future.



Course #	16402
Date:	6/8
Time:	8:30-4:30
Fee:	\$50
Class hours:	8

BOMB SQUAD OUTREACH

This course will provide awareness level training especially beneficial to line fire officers who have overall command responsibilities at incident involving explosive devices and explosions. The primary focus of this course will be to allow the student to gain sufficient knowledge so that he/she is able to safely respond to and manage an incident involving explosives and explosions and then cooperate with those specifically tasked to mitigate or investigate these types of events (Bomb Squad).



Course #	16403
Date:	6/8
Time:	1:00-4:30
Fee:	\$20
Class hours:	3.5

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 #	16404
Date:	6/11
Time:	8:30-4:30
Fee:	\$50
Class hours:	8



BUILDING CONSTRUCTION - FROM THE TASK AND TACTIC VIEWPOINT

This is a new, 8 hour class will discuss how various building construction classifications, styles, and specific features can affect fireground operations. It is designed with firefighters and company officers in mind. A small portion of the class will review common building materials and the 5 NFPA classifications of building construction as they pertain to firefighters and officers. The primary focus however is on specific construction features, how they can affect your operations, and how to overcome these obstacles. An additional section will discuss common building styles, layouts, and specific considerations for each. The presenter for this class is Captain Jim Plaster from the Bristol (CT) Fire Department.

Fire Marshal Credit: 6



Course #	16405
Date:	6/7
Time:	8:30-4:30
Fee:	\$50
Class hours:	8

COMPANY OFFICER BOOT CAMP

This course is for prospective, newly promoted, and/or experienced company officers. The company officer provides the greatest influence on the firefighters they supervise. Therefore, this course will focus on how to develop and provide important influencing skills. The Company Officer Boot Camp is a new concept in officer training. Every officer can benefit from evaluating what they will endure as a company officer and how they can deal with the easy and difficult situations. This comprehensive program covers topics important to every officer when dealing with a wide range of subjects ranging from problem solving, conflict resolution, and what it takes to be an effective leader. Students will enjoy interactive discussions and exercises conducted by experienced fire officers who will provide valuable insight into meeting the challenges of today's fire service.



Course #	16406
Date:	6/9
Time:	8:30-4:30
Fee:	\$50
Class hours:	8

DEPLOYMENT BRIEF

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. An excellent "big picture" overview for the chief officer.



Course #	16407
Date:	6/9
Time:	8:30-4:30
Fee:	\$40
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.

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 # below
 Date: below
 Time: below
 Fee: \$55
 Class hours: 3.5

Course Number	Date	Time
16408	6/6	8:30-12:00
16409	6/6	12:30-4:30
16410	6/9	8:30-12:00
16411	6/9	12:30-4:30
16412	6/10	8:30-12:00
16413	6/10	12:30-4:30



ENGINE COMPANY OPERATIONS**ADVANCING THE INITIAL HAND LINE**

It has often been said "As the first hand line goes, so goes the fire!" This course we will review initial engine company size up, hand line selection, and hand line placement. Often the fire ground has multiple hand lines in operation, but none are effectively attacking the fire. Learn how to determine the required length for a pre-connected line to reach the fire. Review how to properly deploy a hand line so it is not loaded with kinks causing reduced flow and pressure to the firefighter at the nozzle. Engine company member's duties will be discussed and teamwork will be stressed. Techniques that are applicable for departments with low staffing will be demonstrated. The training will culminate with a live Class A burn.



Course # 16414
 Date: 6/6 & 6/7
 Time: 8:30-4:30
 Fee: \$150
 Class hours: 16

Full Protective clothing, including SCBA with one spare cylinder, is required. Student should bring a bottle of water or sport drink to re-hydrate throughout the training. Students are required to be Firefighter I, proof is required with application.

EVOC – VEHICLE OPERATION AND APPARATUS SAFETY

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.



Course # 16415
 Date: 6/8
 Time: 8:30-4:30
 Fee: \$50
 Class hours: 8

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: WMD

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

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

The Suspicious Package Response Class 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 # 16416
 Date: 6/8
 Time: 8:30-12:00
 Fee: \$20
 Class hours: 3.5

FIRE CHIEF 101 Sponsored By CT Fire Chiefs Association

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.



Course # 16451
 Date: 6/10
 Time: 8:30-4:30
 Fee: FREE
 Class hours: 8

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.

FIRE DYNAMICS AND THE FIREGROUND

This class will show students the relationship between Fire Dynamics and the Fireground. It is a detailed approach of how fireground tactics and tasks affect fire dynamic. Students will be shown the relationship between fire dynamics and the fireground tactics through an interactive video based discussion. The class will then move outside where utilizing a small scale fire behavior demonstration students will see first-hand the relationship between fire dynamics, tactics, and the fire building. Firefighters have the opportunity to evolve by using firefighter safety research based training as part of their core curriculum. The goal of this class is to bridge the gap between the science and the streets.



Course # 16417
 Date: 6/6
 Time: 8:30-12:00

Course #16454
 Date: 6/7
 Time: 8:30-12:00
 Course fee: \$30



FIRE SERVICE INSTRUCTOR III

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.



Course # 16418
 Date: 6/11
 Time: 8:30-12:00
 Fee: \$185
 Class hours: 3.5+
 30-40 hours
 outside class

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.

Training prerequisite: Firefighter I



Course # 16419
 Date: 6/9 - 6/11
 Time: 8:30-4:30
 Fee: \$175
 Class hours: 24

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.

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



Course # 16420
 Date: 6/8
 Time: 8:30-4:30
 Course #16421
 Date: 6/11
 Time: 8:30-14:30
 Course fee: \$110



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.

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

Full protective clothing (No SCBA) is required.



Course # 16422
 Date: 6/6
 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 # 16423
 Date: 6/7
 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 # 16424
 Date: 6/9
 Time: 8:30-4:30
 Course #16455
 Date: 6/11
 Time: 8:30-4:30
 Course fee: \$20
 Class Hours: 8



**HOLMATRO RESCUE EQUIPMENT FEATURING
NEW VEHICLE TECHNOLOGY**

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.



Course #	16425
Date:	6/8
Time:	8:30-4:30
Fee:	\$75
Class hours:	8

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 #	16426
Date:	6/7
Time:	8:30-4:30
Course #	16456
Date:	6/11
Time:	8:30-4:30
Course fee:	\$75
Class Hours:	8

**ICS-400, ADVANCED ICS FOR COMMAND AND
GENERAL STAFF**

This course is designed for those emergency response personnel who would function as part of an Area Command, EOC, or MAC during a large, complex incident or event. Or those personnel who are or would likely be part of a local or regional Incident Management Team during a major incident, whether single agency, multi-agency, or Unified Command.

Prerequisites: Students shall have successfully completed pre-requisite coursework, ICS-100, ICS-200 and ICS-300 or equivalent, prior to being accepted for this course.



Course #	16427
Date:	6/7 & 6/8
Time:	8:30-4:30
Fee:	\$75
Class hours:	16



INCIDENT MANAGEMENT TEAM: PLANNING SECTION CHIEF

NIMS ICS All-Hazards Position Specific Planning Section Chief (PSC) training is a four-day, position-specific course designed to provide local and state-level emergency responders with a robust understanding of the duties, responsibilities, and capabilities of an effective PSC. These responsibilities fall into two categories: PSC duties 1) managing the planning cycle and 2) tracking resources and incident status. Specifically, students will develop an understanding of the following: The general function of the Planning Section and the general roles and responsibilities of the Planning Section Chief; the function of the Resources Unit and the Resources Unit Leader; the function of the Situation Unit and the Situation Unit Leader and processes for gathering information.

The course will also cover; the purpose, timing, and structure of each of the meetings, briefings and documents in the planning cycle; strategies for interacting with key personnel inside and outside the IMT organization and the responsibilities of the Documentation Unit and Demobilization Unit Leaders and the purpose of the Final Incident Package.



Course # 16428
 Date: 6/7 - 6/10
 Time: 8:30-4:30
 Fee: \$125
 Class hours: 32

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.

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



Course # 16429
 Date: 6/9
 Time: 8:30-4:30
 Fee: \$50
 Class hours: 8



IT'S ALL ABOUT THE BRAIN: GAIN RESILIENCY AS A FIRE FIGHTER

First responders have to soak in highly stressful experiences sometimes on a daily basis. Your brain usually processes these experiences in a highly effective manner which is why you have chosen this career and are good at what you do. However, what we now know is that the Cumulative Stress Overload of the everyday calls and then, the few that you always remember, creates physical changes in the brain. This presentation will explain how cumulative stress impacts the brain, emotional, mental, and physical effects of this process, and the long term potential negative impact. Specific strategies to create resiliency and to maintain a healthy brain over the long haul will be shared. Post traumatic Stress (PTS) will be explained from a brain perspective. A short term, focused, goal directed trauma treatment (EMDR) which is a great fit for first responders will be explained. The information shared in this presentation should be known by all first responders and especially by those in supervisory capacities with the goal of improving the emotional and physical health of future fire fighters.

Class taught by Dr. Robin Grant-Hall, a licensed clinical psychologist with expertise in PTS treatment for first responders.



Course # 16401
 Date: 6/8
 Time: 8:30-12:00
 Fee: \$20
 Class hours: 3.5

INTRODUCTION TO THE FIRE SERVICE PRESENTS: JUNE SCHOOL DRILL DAY

Sponsored By CT Fire Chiefs Association

This one-day course is designed to engage and energize both Junior Firefighters and their Advisors with a series of proven, applicable and easy-to-reproduce hands-on drills. Hands-on evolutions will include advancing and operating handlines, search and rescue, forcible entry, 'streetwise' ropes and knots and more. The day will culminate in a competition where teams of students will have to use teamwork and creativity to come out on top. This new program is the first dedicated training opportunity for Junior Firefighters and Advisors ever at June Fire School. In addition to a full day of training, attendees will be provided with a package of lesson plans for in-house drill ideas suitable for Junior Firefighters. Junior Program Advisors are encouraged to attend alongside their Junior Firefighters for this new class. This course is limited to (24) students. Full PPE and high levels of motivation for all students is required.

Students should also bring their own lunch, refrigerators will be available.



Course # 16439
 Date: 6/5
 Time: 8:30-4:30

Course #16457
 Date: 6/12
 Time: 8:30-4:30
 Course fee: FREE
 Class Hours: 8



MASTERING THE FIREFIGHTER WRITTEN ENTRANCE EXAM

Are you planning on applying for a career firefighter position and are apprehensive about the written test? Have you tested before and scored low? This course is for you.

This half day course will introduce the student to the elements of standard firefighter entrance exams. Topics covered will include the importance of test preparation, how to approach the test on exam day, different types of questions to anticipate including reading comprehension, logic and deductive reasoning, chart and statistic interpretation, math and algebra, and inductive reasoning. The different types of questioning will be covered including true/false questions, multiple choice, matching, sentence completion, etc. The main focus will be on multiple choice questions because of their popularity on firefighter exams. Students will understand how test questions are written in order to decipher answers when unsure. This course WILL help you score higher on your next exam.



Course # 16431
Date: 6/11
Time: 8:30-12:00
Fee: \$25
Class hours: 3.5

RESCUE SKILLS FOR ENGINE & TRUCK COMPANIES

This course 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.



Course # 16432
Date: 6/9
Time: 8:30-4:30
Fee: \$75
Class hours: 8

ORAL INTERVIEW – ENTRY LEVEL FIREFIGHTER TECHNIQUES

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.



Course # 16433
Date: 6/11
Time: 1:00-4:30
Fee: \$25
Class hours: 3.5



ORAL INTERVIEW – MASTERING THE PROMOTIONAL INTERVIEW

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.



Course #	16434
Date:	6/10
Time:	8:30-4:30
Fee:	\$50
Class hours:	8

PHOTOVOLTAIC SAFETY FOR FIREFIGHTERS

With a variety of alternative electrical generation systems available, none is becoming more prevalent than those which convert solar energy to electricity. These systems are known as photovoltaic systems, or simply PV. A photovoltaic system consists of photovoltaic solar panels and other electrical components used to capture solar energy and convert it to electrical power. Many systems are roof mounted and may present hazards to firefighting operations. Firefighters can be sure that at some point in the future they will encounter an incident involving a building with a solar electric generating system.

This presentation will provide information for responders to be able to better identify structures with PV systems installed and how to deal with potential complications responders may encounter at an installation.

Fire Marshal credit: 2



Course #	16458
Date:	6/6
Time:	8:30-12:00
Course #	16459
Date:	6/11
Time:	8:30-12:00
Course fee:	\$20
Class Hours:	3.5

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 #	16437
Date:	6/6 & 6/7
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 # 16438
 Date: 6/6
 Time: 1:00-4:30
 Fee: \$25
 Class hours: 3.5

SCOTT AIR-PACK FIELD MAINTENANCE 2.2 – 4.5

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



Course # 16461
 Date: 6/7
 Time: 8:30-4:30
 Fee: \$25
 Class hours: 8

SEMINAR SERIES: USING THERMAL IMAGING AND MODERN FIRE DYNAMICS TO IMPROVE OPERATIONS

This presentation will provide fire personnel at all levels with the knowledge they need to combine thermal imaging technology with the latest NIST and UL firefighting research to improve the effectiveness and safety of fireground operations. This will include the review of a large number of thermal imaging photos and videos from fireground operations where key concepts such as vent limited fire behavior, compromised structural integrity, flow path development, and victim survival profiling. Firefighters will ultimately be able to apply thermal imaging in fireground operations with an understanding of both the capabilities and limitations. Class will be instructed by Mike Richardson a 30 year veteran of the Military and Fire Service, he is currently the Division Chief of Training & Safety for the East Jefferson County Fire Protection Districts in Louisville, Kentucky.



Course # 16300
 Date: 6/10
 Time: 1:00-4:30
 Fee: \$55
 Class hours: 3.5



**SMOKE SIGNALS: ENHANCING TACTICAL DECISIONS
BASED ON PRODUCTS OF COMBUSTION**
**PRESENTED BY ASSISTANT CHIEF JOHN "JAY"
WORON**

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 of the Middletown (CT) Fire Department.

Fire Marshal Credit: 2



Course # 16440
Date: 6/6
Time: 8:30-4:30
Fee: \$50
Class hours: 8

SPRINKLER AND FIRE PROTECTION SYSTEMS

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 will be required, as practical exercises will be conducted.

Fire Marshal Credit: 8



Course # 16441
Date: 6/9
Time: 8:30-4:30
Fee: \$50
Class hours: 8

STANDPIPE OPERATIONS

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



Course # 16442
Date: 6/10
Time: 8:30-4:30
Fee: \$50
Class hours: 8



STATION EVALUATOR TRAINING

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.



Course #	16443
Date:	6/11
Time:	8:30-12:30
Fee:	\$25
Class hours:	4

STRESS FIRST AID (SFA) FOR FIREFIGHTERS AND EMERGENCY SERVICES PERSONNEL

Stress First Aid (SFA) is a flexible set of tools used to care for stress reactions in firefighters and rescue personnel. Unlike other acute stress management procedures, SFA was designed specifically to support firefighters and rescue personnel. The goal of SFA is to restore health and readiness after a stress reaction. SFA is a toolkit that emphasizes the importance of continuously monitoring the stress of fire and rescue personnel and to quickly recognize and appropriately help individuals who are reacting to stress and are in need of interventions to promote healing.

SFA monitors the progress of recovery to ensure a return to full-function. SFA fosters strong leadership and unit cohesion. SFA is individualized to meet the needs of each person in each context; there are no one-size-fits-all SFA solutions.

Presented by Chief John Oates of the East Hartford (CT) Fire Department and Battalion Chief Kevin Munson of the West Hartford (CT) Fire Department.



Course #	16445
Date:	6/6
Time:	below
Fee:	\$30
Class hours:	3.5



THE LEADER IN YOU

Developed by Pete Nichio who has 12 years experience in both the Military and the Fire Service. 4-hour power point focuses on lower level leadership development, by discussing different ways to obtain loyalty, trust, respect, and professional courtesy. Ideal for individuals who seek being promoted to the next level, or maybe you have been promoted already and want to expand your leadership skills.

Understand the “parallels” between leadership in the Military and the Fire Service, and how you as a leader can utilize them to achieve trust and confidence from your personnel. This is not a program to teach leadership on the fire ground, it is down to the bare bones of how to get your personnel to say “how high” when you as their leader says “jump”. It’s not just because you have a shiny pin on your collar, but because of who you are as a leader.

Building this foundation as a leader will enhance how your personnel react to you when on the fire ground. Knowing our “trade” and how to lead YOUR personnel are a vital connection that should not be ignored. Not everyone can be led the same, and it is up to you as the leader to learn that about your personnel.



Course # below
 Date: below
 Time: below
 Fee: \$30
 Class hours: 3.5

Course Number	Date	Time
16446	6/7	8:30-12:00
16447	6/7	1:00-4:30
16448	6/10	8:30-12:00
16449	6/10	1:00-4:30



TRUCK WORK: FROM THE BOTTOM RUNG UP

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 and rapid-sequence laddering 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.



Course # 16450
 Date: 6/10
 Time: 8:30-4:30
 Fee: \$100
 Class hours: 8

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

UNDERSTANDING FIREGROUND WATERFLOW

This course peels back the mystery of hydraulics, providing the student with an understanding of the concepts of waterflow, automatic nozzles, and pump pressures with a morning class lecture on those concepts. The afternoon will be spent on the training grounds, comparing assorted attack line nozzles, delivery rates, and back pressures. Students are required to wear full turn-out gear during outdoor evolutions.



Course # 16460
 Date: 6/10
 Time: 8:30-4:30
 Fee: \$50
 Class hours: 8



For those of you who may be new to the June Fire School we change up the food service during the week. Lunch will be served in the tent on the parking lot in front of the Administration/ Classroom building, and is included with all classes.

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 860-264-9231 for lodging information.

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.

