Connecticut Fire Academy

JUNE FIRE SCHOOL 2008

Register early, applications must be received prior to May 12, 2008.

CONNECTICUT FIRE ACADEMY

June 2-6 2008

Greetings Folks:

The team at the Connecticut Fire Academy is proud to announce the 2008 June Fire School. As always we offer new contemporary courses along with some popular traditional courses.

New thought provoking programs scheduled for this year include Conducting Safe Fire Training Evolutions, a review of NFPA 1403 requirements for live fire training presented by Maryland Fire Rescue Institute; Laying the Big Lines, a real world approach to large flow water delivery on the fireground presented by Paul Shapiro; and Hybrid Vehicle Safety Training, presented by Toyota Motor Corporation for extrication personnel and vehicle extrication trainers.

Our most popular presentations from past years return, such as Handling Elevator Emergencies presented by Michael Dragonetti providing training to safely remove passengers from stalled elevators; Forcible Entry presented by FDNY Rescue 1 Captain Rex Morris covering many forcible entry situations; and Engine Company Operations presented by CFA Instructors culminating in live fire scenarios at the Springfield Fire Department class A burn building.

Two companion classes offered this year are Landview 6 Connecticut MARPLOT and ALOHA. MARPLOT (Mapping Application for Response, Planning, and Local Operational Tasks) is a mapping program that is integrated with Landview 6 and Aloha (Areal Locations of Hazardous Atmospheres) to create and view maps showing threat zones for leaking chemicals or to preplan potentially hazardous scenarios.

The June Fire School offers numerous half day courses (4 hours) such as Accelerant Detection K-9; Preparing an Honor Guard; and OSHA Mandates along with many others. Take a few minutes to review all the valuable courses available at the 2008 June Fire School and determine what fits in your schedule. Attending one class, or staying for the entire week, we feel you will learn something to take back to your department to improve the efficiency and safety of your response.

Attendance at all Connecticut Fire Academy programs is up significantly, so in order to ensure your first choice please get your applications in as soon as you decide upon your classes.

Respectfully
Adam D. Piskura, Director of Training

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Course Summary

Monday June 2	Tuesday June 3	Wednesday June 4	Thursday June 5	Friday June 6
Advanced Large Area Building Search	Scott Air-Pack Field Maintenance	Conducting Safe Live Fire Training Evolutions	Fire Tactics	Fire Tactics
LAYIN' THE BIG LINES	LAYIN' THE BIG LINES	Engine Company Operations Advancing the Initial Handline	Engine Company Operations Advancing the Initial Handline	Delivering Fire Service Objectives at a Company Drill
Emergency Vehicle Operator	Forcible Entry	Class1 Pressure Governors	Handling Elevator Emergencies	Handling Elevator Emergencies
Friction Force Door Train-the-Trainer Forcible Entry Training	Hazardous Materials Technician Refresher	Truck Company Operations: Ground Ladders	Smoke Signals: Enhancing Tactical	Flashover Safety and Survival
Accelerant Detection K-9	Evidence Preservation at the Fire Scene	Design and Construction of Mechanical Advantage Systems	Hurst Extrication Equipment	Crew Resource Management- from the Flight Deck to the Firehouse
The Scared Straight of Aquatics	Advanced Rapid Intervention Team Skills	Honey Bee Response Training	Freedom of Information and Media Relations For FDM	Basic and Hazmat Metering
Firefighter Rehabilitation	Standpipe Operations	Collapse Rescue Shoring for Firefighters	Basic Pump Operation	Basic Pump Operation
Holmatro Rescue Equipment - Featuring New Vehicle Technology	Flashover Safety and Survival	Incident Response to Terrorist Bombings	Surface Water Rescue-Operational	Surface Water Rescue-Operational
Landview 6 Connecticut MARPLOT	Initial Fire Operations Involving "Big Box" Retail Occupancies	Prevention and Response to Suicide Bombing Incidents	First Due Initial Fire Ground Size-up	Sizing up the Weight of Rescue
Did We "Get" the Lesson?	Landview 6 Connecticut MARPLOT	ALOHA	ALOHA	Electrical System Emergencies -
Calling the Mayday	Fitness for Firefighters	Effective Search Operations in Private Dwellings	So You're in the Front Seat Today	OSHA Mandates
	Television Media and the Fire Service	Hybrid Vehicle Safety Training	Statewide Fire-Rescue Disaster Plan and Regional Resources	Profiling Buildings
	Preparing an Honor Guard			Discipline and Conflict Resolution
	Station Evaluator Training			

Accelerant Detection K-9

Course #: 08500 Days: June 2 AM Time: 8:30-12:00 Fee: $ 15.00

This class is designed to familiarize the fire service community with the use of the State of Connecticut Police Accelerant K-9 for possible arson scenes. Course includes a brief discussion on the history of K-9's and their role in police and fire incidents. An accelerant K-9 demo will be shown at the conclusion of the class.

Course hours: 4

Advanced Large Area Building Search

Course #: 08501 Days: June 2 Time: 8:30-4:30 Fee: $ 55.00

We all know that we need to use ropes to make a safe search, but how? This one day program will instruct the student to safely make a size up of the structure and perform a large area search using numerous tools and techniques. Advanced search techniques will be taught and put to practical use inside a structure. Basic Rapid Intervention moves and drags will be discussed, as well as the use of thermal imaging cameras, which can save valuable time and manpower.

Full protective clothing, including SCBA with one spare cylinder is required.

Class hours: 8

Advanced Rapid Intervention Team Skills

Course #: 08502 Days: June 3 Time: 8:30-4:30 Fee: $ 100.00

Advanced Rapid Intervention Team Skills is a one-day intensive course that uses scenarios based on past incidents that took firefighter's lives. Safely removing a trapped or unconscious firefighter from a burning building is a labor-intensive operation. Students will be able to affect such a rescue in our new RIT Simulator which adds smoke and heat to the scenarios and tests the team's ability under actual fire conditions. The practical hands-on portion of this training is very intense and strenuous.

Participants are required to bring full protective clothing, including SCBA with one spare cylinder. Student should bring a bottle of water or sport drink to re-hydrate throughout the training.

Prerequisites: Applicants must have completed Rapid Intervention Training offered by the Connecticut Fire Academy. Proof must accompany application.

Class Hours: 8

ALOHA

Course #: 08503 Days: June 4,5 Time: 8:30-4:30 Fee: $ No Charge

This 2 day class will cover Aloha's new version 5.4.1, Fire and Explosion models, as well as the Direct, Tank, Puddle, and Pipeline models.

ALOHA (Areal Locations of Hazardous Atmospheres) is a modeling program that estimates threat zones associated with hazardous chemical releases, including toxic gas clouds, fires, and explosions. A threat zone is an area where a hazard (such as toxicity, flammability, thermal radiation, or damaging overpressure) has exceeded a user-specified Level of Concern (LOC).

With an ALOHA threat zone plot displayed on a MARPLOT map. Colored zones indicate areas where specific Level of Concern thresholds were exceeded.

ALOHA was developed jointly by NOAA and the Environmental Protection Agency (EPA), and it runs on both Macintosh and windows based computers. Students need to provide their own laptop, but it is not mandatory. Aloha 5.4.1 Software CD will be provided to each student.

Class hours: 16
Course fee: No Charge covered by Federal HazMat Grant

Basic and Hazmat Metering

Course #: 08504 Days: June 6 Time: 8:30-4:30 Fee: $ 30.00

This program will cover the use of the following meters: Scott Scout 4-Gas, MiniRae PID, Ludlum Model 3, SAIC personal dosimeter APD2000, the M256A1 kit and the Drager CMS/CDS packages.

Additionally, participants will be able to understand the dual metering approach and conversion factors that are needed to be performed when monitoring atmospheres that are different from the calibration gas.

This program will provide the user with an overview of using these meters as part of their everyday response. To allow more hands-on experience participants are urged to bring their fully charged meters, providing their department can support the meters being out of service for the duration of the class.

Class hours: 8
Fire Marshal credit: 8

Basic Pump Operation

Course #: 08505 Days: June 5,6 Time: 8:30-4:30 Fee: $ 60.00

This program examines the components and controls in the operation of a fire pump. The internal parts of a fire pump are examined with the goal of having the student fully understand how the fire pump moves water. Pump panel controls are discussed in relation to the specific function and use of each device. The process and specific functions involved in drafting and hydrant operations are explained in detail. Students will practice setting up for pumping operations.

Participants will learn how to determine and overcome friction loss, how to calculate theoretical pump pressure and how to apply easy-to-use “rule of thumb” principles of relay pumping, operating handlines, supplying sprinklers and standpipe systems. On the training ground, students will apply practical applications while flowing water at prescribed pressures.

Participants are required to bring full protective clothing (no SCBA).

Class hours: 16

Calling the Mayday

Course #: 08506 Days: June 2 Time: 8:30-4:30 Fee: $ 60.00

What are the Mayday decision parameters for firefighters? How do we teach the Mayday decision-making process to firefighters? How much Mayday practice do firefighters need?

This eight hour National Fire Academy training course focuses on the ins and outs of firefighters calling a Mayday. It requires the instructors to certify that the students have met the psychomotor skills requirement to call a Mayday over their radio. The firefighter must demonstrate the ability to call Mayday under various emergency situations a firefighter may find themselves in. The minimum: being trapped or lost in a room, having something collapse on them such as a ceiling, being stuck or caught on something such as wires, and falling through a floor or roof. These conditions will be simulated using props with the firefighter in full PPE, SCBA, and portable radio in a blacked-out face mask.

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.

Class hours: 8

Class1 Pressure Governors

Course #: 08542 Days: June 4 PM Time: 1:00-4:30 Fee: $ 15.00

Chuck Hutchins from Class1 Idex Corporation will present a half day overview of Pressure Governors produced by their company. This program will be appropriate for pump operators, mechanics, and departments preparing specifications for new pumping apparatus.

- Captain Pressure Governor
- Features and benefits of the Captain
- Overview of operation
- Adjustment and setup
- Self test and trouble shooting

- Total Pressure Governor TPG
- Features and benefits of the TPG
- Overview of operation
- Adjustment and setup
- Menu's and trouble shooting

- Total Pressure Governor Plus TPG+
- Features and benefits of the TPG+
- Overview of operation
- Adjustment and setup
- Menu's and trouble shooting

Class hours: 4

Collapse Rescue Shoring for Firefighters

Course #: 08507 Days: June 4 Time: 8:30-4:30 Fee: $ 60.00

You are dispatched to a report of a car into a building with people trapped. This is a common call in the fire service. This program is designed to prepare the firefighter that responds to collapse emergencies that have occurred in wood frame and ordinary type of construction.

The student will learn basic building construction, how collapses occur and how to properly support structures with emergency shoring techniques. Students will learn how to build basic shoring systems utilizing both wood and pneumatic shores.

Students will also be given an awareness lesson on the capabilities and equipment of Connecticut Urban Search and Rescue Taskforce.

Class hours: 8 hrs

Conducting Safe Live Fire Training Evolutions

Course #: 08508 Days: June 4 Time: 8:30-4:30 Fee: $ 15.00

This program is designed to introduce the student to the attitudes and behaviors necessary to conduct a safe live fire training evolution. The class will examine historical trends in fire training injuries and deaths, fire service safety culture issues, legal concerns, educational philosophy related to live fire training, and NFPA 1403 requirements for live fire training. Interactive group activities will be formed to identify and discuss issues related to safe training and to develop objectives for live fire training exercises.
Upon successful completion of this course, the student will be able to explain the procedure for conducting a safe live fire training evolution and demonstrate a safe live fire training evolution.
Instructor: Ronald Hassan, Maryland Fire Rescue Institute

Class hours: 6

Crew Resource Management- from the Flight Deck to the Firehouse

Course #: 08509 Days: June 6 PM Time: 1:00-4:30 Fee: $ 15.00

Following several tragic and preventable airline accidents, the aviation industry sought to find a way to reduce pilot error and reduce the airliner accident rate. The resulting program drastically reduced accidents and fatalities in commercial aviation, led aviation to become one of the safest industries in the world, and came to be known as Crew Resource Management. Now CRM has come to the fire service, and with it has come the potential to improve safety for firefighters the way the use of SCBA did a generation ago. This class, both through a review of how CRM works and case studies of selected airline accidents and firefighter Line of Duty Deaths, will introduce you to the potential of CRM and how adopting it can help you and your fire department to greatly improve the level of safety in our workplace.

Class hours: 4

Delivering Fire Service Objectives at a Company Drill

Course #: 08510 Days: June 6 AM Time: 8:30-12:00 Fee: $ 15.00

This course is designed for training officers and fire service instructors and will discuss the best methods for delivering objectives in the field. Through lecture, discussion, and group activities this course will enable trainers to create performance objectives; build a lesson plan for a psychomotor skill; create appropriate evaluation instruments; and review the best teaching methods when working with a prepared lesson plan. This class is of value to the company officer responsible for the readiness of their crew.

Class hours: 4

Design and Construction of Mechanical Advantage Systems

Course #: 08511 Days: June 4 Time: 8:30-4:30 Fee: $ 60.00

This class will focus on mechanical advantage systems and their applicability to various rescue disciplines, including but not limited to rope rescue. Topics will include relevant NFPA standards, introduction to mechanical advantage systems, system design considerations, and a review of equipment used for constructing mechanical advantage systems. In the practical skills session, students will construct and exercise simple, compound, in-line and piggyback systems. This course is designed so the beginner or the seasoned rescuer can gain valuable information.

Class hours: 8

Did We “Get” the Lesson?

Course #: 08512 Days: June 2 Time: 8:30-4:30 Fee: $ 30.00

This class is a case-driven review of critical events in Fire Service history. These events caused a shift (change) in the way the Fire Service operates. Unfortunately, we do not always heed the lessons of the past. Is the Fire Service destined to repeat these lessons if they are not reviewed?

Class hours: 8

Discipline and Conflict Resolution

Course #: 08513 Days: June 6 Time: 8:30-4:30 Fee: $ 30.00

A program for company officers and shift commanders that reviews the reasons for disciplinary action, steps in progressive discipline, reason why people avoid discipline and the key considerations in performing a disciplinary interview. In addition, sources of conflict and strategies for resolving conflict will be covered.

Class hours: 8

Effective Search Operations in Private Dwellings

Course #: 08514 Days: June 4 Time: 8:30-4:30 Fee: $ 60.00

This course outlines the strategic objectives of conducting a safe, aggressive and efficient fire ground search operation. The lecture will cover the basics of fire ground search including, search size-up, search techniques, tools, thermal imaging, search priorities, orientation, accountability, communications, search safety and vent enter search (VES). The hands-on portion will place the students in increasingly difficult search techniques helping them develop a solid understanding of fire ground search.

Class hours: 8

Electrical System Emergencies - Emergency Responders and E911 Priority Level System

Course #: 08515 Days: June 6 AM Time: 8:30-12:00 Fee: $ 15.00

This half day presentation is designed to enhance the safety of emergency responders at incidents involving electrical distribution systems. The course covers an understanding of the basic principles of electricity and knowledge of electrical hazards and injuries. Participants will learn how to identify high/low voltage conductors and communication (telephone, CATV, fiber optic, fire alarm, traffic control, etc) wires. Attendees will be exposed to a general understanding of basic electrical system circuitry, construction standards, system component identification and operation and recognition of sub-station equipment and hazards.
Presenters will review the CL&P E911 Priority level systems and explain when/how to contact CL&P during electrical system emergencies. Participants will have an understanding of securing a scene by emergency responders and ensuring the safety of the general public at electrical emergency scenes. This program will include information of basic techniques to utilize for conscious victims positioned in electrically "charged" vehicles/equipment, to safely stay within the vehicle until power is safely cut or how to safely exit the vehicle/equipment during extreme situations. Presenters will exhibit and emphasize responder safety through the use of the live electrical system "small scale" model. Students will leave with a better understanding of the partnership relationship between emergency response agencies and CL&P prior to and during emergencies.

Class hours: 4

Emergency Vehicle Operator Course: Practical Skills

Course #: 08516 Days: June 2 PM Time: 1:00-4:30 Fee: $ 15.00

This course challenges both the new and experienced Emergency Vehicle Operator with a practical driving skills timed exercise. The course consists of a series of challenging and confidence building vehicle maneuvering stations that cover the entire field of emergency vehicle operations. Vehicle control, not speed, is the primary skill in this course. Topics include: controlled braking techniques and diminishing stopping distance as well as rollover prevention.

Participants must posses a Q Endorsement or CDL in order to participate.

Class hours: 4

Engine Company Operations, Advancing the Initial Handline

Course #: 08517 Days: June 4,5 Time: 8:30-4:30 Fee: $ 150.00

It has often been said "As the first handline goes, so goes the fire!"
This course we will review initial engine company size up, handline selection, and handline placement. Often the fireground has multiple handlines 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 handline 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 in the Springfield Massachusetts Fire Department burn building.

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.

Class hours: 16

Evidence Preservation at the Fire Scene

Course #: 08518	Days: June 3 PM	Time: 1:00-4:30	Fee: $ 15.00

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.

Class hours: 4
Fire Marshal credit: 4

Fire Tactics

Course #: 08519	Days: June 5,6	Time: 8:30-4:30	Fee: $ 50.00

This course contains five modules, building construction; fire ground strategies; engine company operations; truck company operations; and incident scene organization which provide an in-depth review and discussion of best practices for fire tactics.
Building construction will cover the 5 types of construction their strengths and weaknesses based on fire conditions, with emphasis on single-family dwellings and the non-combustible types. Fire ground strategies and tactics will explain the difference between strategies and the tactics necessary to accomplish the strategies identified by the Incident Commander. The transition from the tactical to the strategic involves some education on that transition. Engine company operations explain the job of the engine crew, water supply, fire attack and attack principles. Truck company operations with or without the ladder truck covers the job of the truck crew, the issues of vent, entry and search procedures. Incident scene organization will put it all together, the incident scene is very complex and it needs to be organized or chaos will take over and fire fighters will pay a price for that chaos.

Class hours: 16

Firefighter Rehabilitation

Course #: 08520	Days: June 2	Time: 8:30-4:30	Fee: $ 50.00

Course delivery covers Introduction to Fire Service Rehabilitation, recognizing the need for on scene rehab, pre incident training and SOP / GOG requirements, on scene operations, and post incident monitoring. The beginning of the course is classroom lecture, followed by practical sessions on the training grounds.

Class hours: 8

First Due Initial Fire Ground Size-up

Course #: 08521	Days: June 5 AM	Time: 8:30-12:00	Fee: $ 15.00

This interactive presentation is dedicated to the initial size-up strategies for the first due officer. Strategies to be discussed include the Classic Thirteen point method, recognition–primed decision making and the who, what, when, where and why of size-up. Size-up considerations such as building construction, fire attack, resources, rescue, exposure issues, and crew safety will be highlighted. Simplifying the size-up process helps the first due officer develop a workable and safe initial action plan.

Class hours: 4

Fitness for Firefighters

Course #: 08522	Days: June 3	Time: 8:30-4:30	Fee: $ 30.00

This eight hour program thoroughly covers the most important topic of our era: firefighter fitness and wellness. We will present the building blocks for the basic understanding of motivation, physical fitness assessments, program design, exercise modalities, and nutrition, and will conclude with a creative and dynamic hands-on firehouse workout routine.

Students are required to be cleared to participate in a fire service fitness class, and to bring a water bottle and comfortable clothing suitable for exercise.

Course hours: 8

Flashover Safety and Survival

Course #: 08523	Days: June 3	Time: 8:30-4:30	Fee: $ 95.00
Course #: 08541	Days: June 6	Time: 8:30-4:30	Fee: $ 95.00

Flashover Safety and 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.

Class hours: 8
Fire Marshal credit: 4

Forcible Entry

Course #: 08524	Days: June 3	Time: 8:30-4:30	Fee: $ 65.00

This dynamic program, taught by Captain Robert Morris of Rescue 1 FDNY, 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 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 help off-site from the Connecticut Fire Academy.

Class hours: 8

Freedom of Information and Media Relations for Fire Department Management

Course #: 08525 Days: June 5 PM Time: 1:00-4:30 Fee: $ No Charge

The Freedom of Information Act guarantees all citizens the right to have access to public records and public documents. The FOI Commission conducts workshops around the state helping citizens and officials understand their rights and their obligations under the FOI Act. Some of the topics that are explored include:

1) Do meetings in your firehouse or fire department business meetings fall under the criteria of the Freedom of Information (FOI) Act?
2) The definitions of public records and meetings.
3) How to manage requests for public records.
4) What are the rules governing executive sessions?
5) Does the public have access to all meetings and documents?
6) Are e-mails and other electronic documents available to the public?
7) Does the public have a right to speak at public meetings?
8) Can an agency talk about business not listed on its meeting agenda?
9) What is the process for filing a complaint with the FOIC?

This portion of the workshop will be conducted by Tom Hennick. Tom is the Public Education Officer at the Freedom of Information Commission.

The second portion of this presentation will be delivered by Brian Garnett concentrating on crisis communications with the media at a fire scene or fire station. Based on 25 years of media experience, Brian will cover the topics of why public officials and agencies must deal with the media. Through scenarios that fit the firefighting profession attendees will learn how to thoroughly prepare for an interview or other encounter with the media including the mechanics of an interview and how to get your point across. Brian will discuss the inner workings of today's media, what they are looking for and how you can best present it.

Brian Garnett has a Bachelors Degree in Communications from the American University in Washington DC in communications. He has worked in radio in Washington, Massachusetts and in Hartford, before he joined WFSB Channel 3 in 1980 and spent 21 years covering public safety, courts and the capitol. Brian now serves with the Department of Correction as Director of External Affairs.

Class hours: 4
Course fee: no charge - Sponsored by the Connecticut Fire Chief's Association
Fire Marshal credit: 2

Friction Force Door Train-the-Trainer - Forcible Entry Training Prop

Course #: 08526 Days: June 2 Time: 8:30-4:30 Fee: $ 20.00

The Connecticut Fire Academy is offering a Train-the-Trainer program for the Friction Force Forcible Entry Door. Departments who send a certified Fire Service Instructor to this Train-the-Trainer will be allowed to rent one or both of the Friction Force Entry Door(s) owned by the Connecticut Fire Academy. If your department already has a Friction Force Door this training is a great opportunity to learn how to use this training tool to its maximum. The Friction Force Entry Training Door with its unique patented friction device can be set to simulate a variety of door types. This class will consist of classroom and hands-on familiarization on this valuable forcible entry prop. Students will learn and can practice to open an in-swing door, an out-swing door, practice the baseball swing technique and use of hydraulic forcible entry tools.

This training will be delivered by representatives of Friction Force Door and Connecticut Fire Academy instructors familiar with forcible entry.

Class hours: 8

Monday – June 2, 2008 Please check boxes for selected courses

Program	Program Number	Day(s)	Time	Program Fee
☐ Advanced Large Area Building Search	08501	June 2	8:30-4:30	$ 55.00
☐ Emergency Vehicle Operator	08516	June 2 PM	1:00-4:30	$ 15.00
☐ Layin' the Big Lines, A Real World Approach to Large Flow Water Delivery on the Fireground	08536	June 2,3	8:30-4:30	$ 120.00
☐ Friction Force Door Train-the-Trainer - Forcible Entry Training Prop	08526	June 2	8:30-4:30	$ 20.00
☐ Accelerant Detection K-9	08500	June 2 AM	8:30-12:00	$ 15.00
☐ The Scared Straight of Aquatics	08551	June 2	1:00-4:30	$ 40.00
☐ Firefighter Rehabilitation	08520	June 2	8:30-4:30	$ 50.00
☐ Holmatro Rescue Equipment - Featuring New Vehicle Technology	08529	June 2	8:30-4:30	$ 40.00
☐ Landview 6 Connecticut MARPLOT	08535	June 2,3	8:30-4:30	$ NC
☐ Did We "Get" the Lesson?	08512	June 2	8:30-4:30	$ 30.00
☐ Calling the Mayday	08506	June 2	8:30-4:30	$ 60.00

TOTAL FOR MONDAY **$**

Tuesday – June 3, 2008 Please check boxes for selected courses

Program	Program Number	Day(s)	Time	Program Fee
☐ Scott Air-Pack Field Maintenance 2.2 – 4.5	08543	June 3	8:30-4:30	$ 20.00
☐ Forcible Entry	08524	June 3	8:30-4:30	$ 65.00
☐ Hazardous Materials Technician Refresher	08528	June 3	8:30-4:30	$ 20.00
☐ Evidence Preservation at the Fire Scene	08518	June 3 PM	1:00-4:30	$ 15.00
☐ Advanced Rapid Intervention Team Skills	08502	June 3	8:30-4:30	$ 100.00
☐ Standpipe Operations	08547	June 3	8:30-4:30	$ 40.00
☐ Flashover Safety and Survival	08523	June 3	8:30-4:30	$ 95.00
☐ Initial Fire Operations Involving "Big Box" Retail Occupancies	08534	June 3 AM	1:00-4:30	$ 15.00
☐ Fitness for Firefighters	08522	June 3	8:30-4:30	$ 30.00
☐ Television Media and the Fire Service	08537	June 3 PM	1:00-4:30	$ 15.00
☐ Preparing an Honor Guard	08539	June 3 AM	8:30-12:00	$ 15.00
☐ Station Evaluator Training	08549	June 3 PM	1:00-4:30	$ 15.00

TOTAL FOR TUESDAY **$**

Wednesday – June 4, 2008 Please check boxes for selected courses

Program	Program Number	Day(s)	Time	Program
☐ Conducting Safe Live Fire Training Evolutions	08508	June 4	8:30-4:30	$ 15.00
☐ Engine Company Operations Advancing the Initial Handline	08517	June 4,5	8:30-4:30	$ 150.00
☐ Class1 Pressure Governors	08542	June 4	1:00-4:30	$ 15.00
☐ Truck Company Operations: Ground Ladders	08552	June 4	8:30-4:30	$ 50.00
☐ Design and Construction of Mechanical Advantage Systems	08511	June 4	8:30-4:30	$ 60.00
☐ Honey Bee Response Training	08530	June 4 PM	1:00-4:30	$ 15.00
☐ Collapse Rescue Shoring for Firefighters	08507	June 4	8:30-4:30	$ 60.00
☐ Incident Response to Terrorist Bombings	08533	June 4 AM	8:00-12:00	$ 15.00
☐ Prevention and Response to Suicide Bombing Incidents	08540	June 4 PM	1:00-4:30	$ 15.00

☐ ALOHA	08503	June 4,5	8:30-4:30	$ NC
☐ Effective Search Operations in Private Dwellings	08514	June 4	8:30-4:30	$ 60.00
☐ Hybrid Vehicle Safety Training	08532	June 4	8:30-4:30	$ 15.00

TOTAL FOR WEDNESDAY $

Thursday – June 5, 2008 Please check boxes for selected courses

Program	Program Number	Day(s)	Time	Program Fee
☐ Fire Tactics	08519	June 5,6	8:30-4:30	$ 50.00
☐ Handling Elevator Emergencies	08527	June 5,6	8:30-4:30	$ 125.00
☐ Smoke Signals: Enhancing Tactical Decisions based on Products of Combustion	08545	June 5	8:30-4:30	$ 30.00
☐ Hurst Extrication Equipment	08531	June 5	8:30-4:30	$ 40.00
☐ Freedom of Information and Fire Department Management	08525	June 5 PM	1:00-3:00	$ NC
☐ Basic Pump Operation	08505	June 5,6	8:30-4:30	$ 60.00
☐ Surface Water Rescue-Operational	08550	June 5,6	8:30-4:30	$ 100.00
☐ First Due Initial Fire Ground Size-up	08521	June 5 AM	8:30-12:00	$ 15.00
☐ So You're in the Front Seat Today	08546	June 5 PM	1:00-4:30	$ 15.00
☐ Statewide Fire-Rescue Disaster Plan and Regional Resources	08548	June 5	8:30-12:00	$ 15.00

TOTAL FOR THURSDAY $

Friday – June 6, 2008 Please check boxes for selected courses

Program	Program Number	Day(s)	Time	Program Fee
☐ Delivering Fire Service Objectives at a Company Drill	08510	June 6 AM	8:30-12:00	$ 15.00
☐ Flashover Safety and Survival	08541	June 6	8:30-4:30	$ 95.00
☐ Crew Resource Management- from the Flight Deck to the Firehouse	08509	June 6 PM	1:00-4:30	$ 15.00
☐ Basic and Hazmat Metering	08504	June 6	8:30-4:30	$ 30.00
☐ Sizing up the Weight of Rescue	08544	June 6 AM	8:30-12:30	$ 15.00
☐ Electrical System Emergencies - Emergency Responders and E911 Priority Level System	08515	June 6 AM	8:30-12:00	$ 15.00
☐ OSHA Mandates	08538	June 6 PM	1:00-4:30	$ 15.00
☐ Profiling Buildings	08270	June 6	8:30-4:30	$ 55.00
☐ Discipline and Conflict Resolution	08513	June 6	8:30-4:30	$ 30.00

TOTAL FOR FRIDAY $

GRAND TOTAL $

Please return application with payment to:
State of Connecticut, Commission on Fire Prevention and Control
34 Perimeter Road, Windsor Locks, CT 06096-1069

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 Workers' Compensation Insurance while participating in such training, and that the Commission on Fire Prevention and Control, its commissioners, 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 commissioners, 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)

For more information on Registration and lodging, please see page 20.
Tuition includes on-site lunch service.

Student Application

Please print/type and mail/fax with payment to:

CFPC, 34 Perimeter Road, Windsor Locks, CT 06096-1069 • Fax (860) 654-1889

ID Number — — — - — — — —

Your ID Consist of the First (3) Letters of your last name and Last (4) number of your social security number

Example: John Adams - SS # 000-00-5555
The new ID # will be ADA-5555

Last Name _____ First Name _____

Home Address _____

City _____ State _____ Zip _____

Phone (Home) _____ Work /Cell / Pager _____

Fire Department/Organization _____

Email: _____

Are you 18 years of age or older? L Yes L No (No one under 18 is allowed to participate in hands-on programs)

As Chief of the _____

Fire Department or as Supervisor of the _____

organization, _____

I hereby authorize the above applicant to participate in the program below and, therefore, understand that the above-named individual will be covered by my organization's Workers' Compensation Insurance while participating in such training, and that the Commission on Fire Prevention and Control, its commissioners, officers, agents or employees shall not be liable for any injuries sustained during such training.

This applicant 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 29 CFR 1910.134 standard for the use of respirators (Self-Contained Breathing Apparatus).

Chief or Supervisor Signature _____

No application will be accepted without tuition, authorized signature and proof of prerequisite if needed.

☐ Proof included. Register me for the following course:

Method of Payment — Payment is required at time of registration. Faxes must include Credit Card or Purchase Order #.

☐ Check made payable to CFPC

☐ Purchase Order # _____

☐ VISA ☐ MasterCard Card # _____

Card Holder's Name: _____

Card Holder's Signature: _____ Exp. Date: _____

Handling Elevator Emergencies

Course #: 08527 Days: June 5,6 Time: 8:30-4:30 Fee: $ 125.00

This course is designed for the trained professionals that respond to emergencies involving stalled elevators. Emergency personnel with inadequate training in Handling Elevator Emergencies are exposed to an increased risk of injury or death to both the victim and themselves. This comprehensive course will provide emergency responders with intensive classroom and hands-on training on how to safely and effectively remove passengers from stalled elevators.

Topics include: nomenclature, safety, how an elevator functions, construction, outside hoists, elevator safety devices, possible equipment needed, initial response steps, restarting a stalled elevator, lock/out – tag/out procedures, elevator doors, use of hoistway door keys/pick tools, poling, removal of passengers from stalled elevators, and fireman service (phase 1/phase2).

This course features a dynamic PowerPoint presentation accompanied by realistic hands-on skill stations. The combination of the picture filled PowerPoint program and state-of-the-art props, built from actual elevator and escalator parts, enable the presenters to bring the elevator to the classroom. 8 hours is spent in the classroom/skill stations. Day 2 Incorporates a 4 hour rope program, and 4 hours performing victim removals w/ the elevator stuck between floors. In addition, new elevator door pick tools and a poling device (designed by the lead instructor) will be introduced and demonstrated.
Course instructors: Michael A. Dragonetti & Andy Werkhoven
Portions of this class will be held offsite from the Fire Academy.
Full protective clothing (no SCBA) is required.

Class hours: 16

Hazardous Materials Technician Refresher

Course #: 08528 Days: June 3 Time: 8:30-4:30 Fee: $ 20.00

The objective of this course is to allow currently certified hazardous materials technicians to review relevant knowledge listed in NFPA 472 and to demonstrate competency with various related skills. The program will concentrate on practical skills and will focus on the following areas: identifying hazardous materials; selection and use of chemical protective clothing; metering; containment and confinement; decontamination; site control; and incident management.

Prerequisites: Applicants must be certified Hazardous Materials Technician (NFPA 472).

Class hours: 8
Fire Marshal credit: 4

Holmatro Rescue Equipment - Featuring New Vehicle Technology

Course #: 08529 Days: June 2 Time: 8:30-4:30 Fee: $ 40.00

This program is designed not only to provide knowledge of hydraulic rescue tools, but also to apply 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. The Holmatro representative will provide a Vehicle Extrication Techniques booklet to each attendee.

Full Protective clothing (No SCBA) is required.

Class hours: 8

Honey Bee Response Training

Course #: 08530 Days: June 4 PM Time: 1:00-4:30 Fee: $ 15.00

Would you know what to do in an emergency response involving honey bees? Would you recognize the difference between bees and wasps? This course is designed to prepare personnel that respond to emergencies on how to handle a stinging insect incident, a stinging victim, or a situation involving swarming bees, such as an accident involving a tractor-trailer moving through the state loaded with agricultural honeybees. Inadequate training in handling honey bee emergencies may lead to a delay in assisting victims. Some responders may also be allergic to bee and wasp venom.

This course will provide emergency responders with classroom and hands-on training on basic facts about honey bees in Connecticut, honey bees vs. wasps, their defensive response, honey bee reactions, response to smoke, safe and effective bee protection, removing stinging victims from bees, and how to immobilize bees. Information on who to call for additional assistance will be provided. The classroom presentation is accompanied by bee equipment and an observation hive of live bees. The second portion of this class will be held outside with bee colonies and live bees with an opportunity to don bee hoods and apply foaming agents or wetting agents to immobilize and kill bees. There can be a slight chance a participant may be stung.
Full protective clothing (no SCBA) is required for the practical portion of the course.

Instructor(s): Kirby C. Stafford III, State Entomologist, Ira Kettle, State Apiary Inspector, Theodore Jones, President, CT Beekeepers Association, Winthrop E. Baum, Past President, Back Yard Beekeepers Association

Class hours: 4

Hurst Extrication Equipment

Course #: 08531 Days: June 5 Time: 8:30-4:30 Fee: $ 40.00

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).

Class hours: 8

Hybrid Vehicle Safety Training

Course #: 08532 Days: June 4 Time: 8:30-4:30 Fee: $ 15.00

Presented by Doug Sato, Toyota Product Engineer, assisted by Jim Gatzke, National Alternative Fuel Vehicle Service and Support Manager

The target audience is fire service trainers responsible for educating first responders on hybrid electric vehicles as well as fire service extrication personnel. The optimal goal of the presentation is to dispel the myths that hybrid gasoline-electric vehicles are unsafe by providing accurate information on hybrid vehicle design, safety features, and disabling procedures that first responders can understand and follow at the scene of an incident.
.
The presentation will cover 14 topics. Some topics, such as the starting/shutting off procedures and supplemental restraint systems are shared with conventional vehicles, but it is important to understand these features on hybrid vehicles.

At the conclusion of the presentation, responders will be able to:
1) Identify features on hybrids that are different than conventional vehicles
2) Understand the four levels of safety that protect occupants and responders from high voltage.
3) Follow proper extrication procedures for hybrid vehicles.
4) Recognize nickel metal hydride battery fire and spill issues.

Although this training presentation was developed to train the first responder in the safe handling of Toyota/Lexus hybrid vehicles, the principles are generically applicable to most hybrid vehicles. The presentation addresses responder concerns with potential high voltage exposure when responding to a hybrid vehicle crash.

Class Outline includes:
Differences between conventional gasoline vehicles and Hybrid electric vehicles (HEVs)
Hybrid Operation
Hybrid Identification
High Voltage Components and System Safety
Extrication: stabilize, immobilize and disable
Submersion & High Voltage
Battery Spills containment & neutralization
Roadside Assistance & Towing procedures

The instructors are attempting to secure a crashed hybrid vehicle for the practical extrication demonstration but do not have one as of this printing.

Class hours: 8

Incident Response to Terrorist Bombings

Course #: 08533 Days: June 4 AM Time: 8:00-12:00 Fee: $ 15.00

The Incident Response to Terrorist Bombings (IRTB) class will present the historical background of terrorist organizations, the use of explosives and the various methods of terrorist groups.

The Prevention and Response to Suicide Bombing Incidents class is a companion to the Incident Response to Terrorist Bombings. Students should participate in either or both classes based upon their needs.

Class presenter is Geoff Herald Chief with the City of Danbury Fire Department. Geoff is a member of the Hazardous Materials response team. Current certifications include these classes through the EMRTC in Soccoro New Mexico, ACBIRC training at Dugway Army Proving Ground in Utah. Connecticut Fire Officer II, Instructor II, WMD Instructor Training from ODP in Anniston Alabama.

Class hours: 4
Fire Marshal credit: 2

Initial Fire Operations Involving “Big Box” Retail Occupancies

Course #: 08534 Days: June 3 PM Time: 1:00-4:30 Fee: $ 15.00

This program presents and reviews useful information or “tools for the toolbox” to the first arriving company officer or firefighter to a reported or confirmed fire incident at a commercial mercantile occupancy commonly referred to as a “Big Box” retail store. Topics include: Building Construction, detection systems, suppression systems, access issues and life safety concerns to name a few.

Class hours: 3.5

Landview 6 Connecticut MARPLOT

Course #: 08535 Days: June 2,3 Time: 8:30-4:30 Fee: $ No Charge

This 2 day in-depth class will cover many areas of the Marplot Mapping program, including plotting objects on the map, creating layers and views, drawing isolation areas, importing and exporting objects and many other tools. Learn to get the census of a given area within the Landview 6 program.

MARPLOT (Mapping Application for Response, Planning, and Local Operational Tasks) is a mapping program. With MARPLOT's easy-to-use GIS interface, you can quickly create, view, and modify maps. Along with Landview 6 to give you Census and geological survey objects from the United State Geological Survey.

You can customize MARPLOT maps by using the layers to select which objects and names appear.

Key Program Features
- Add objects to the map
- Customize maps by specifying which layers (such as all roads) appear and whether object names are shown
- Perform a variety of searches with the simple, all-inclusive search mechanism
- Link map objects to other programs, such as CAMEO and LandView 6
- Easily display ALOHA threat zones

MARPLOT was developed jointly by NOAA and the Environmental Protection Agency (EPA), and it runs on both Macintosh and Windows computers.
Student can supply their personal laptop, but is not mandatory. A student can attend and watch the lecture. The student manual will be the marplot manual. A copy of the Landview V6 CT CD will be provided to each student.
Note: students from out of state should advise the CFA as we attempt to supply their local program.

Class hours: 16
Course fee: No Charge covered by Federal HazMat Grant

Layin' the Big Lines, A Real World Approach to Large Flow Water Delivery on the Fireground

Course #: 08536 Days: June 2,3 Time: 8:30-4:30 Fee: $ 120.00

It's a proven fact that 5% of all fires occurring annually in the US cause 95% of the total fire loss. These 5% fires are not the routine house fires, miscellaneous vehicle and trash fires that fire departments fight everyday. These fires are for the most part the ones that require multiple hose evolutions and large flows to extinguish. Large fires such as these require complex tactics and strategies to extinguish, all of which are important to be successful. However, without an adequate water supply and water discharge delivery the best planned fire attack will be for naught.

The LAYIN THE BIG LINES Class is designed to take the students through all phases of large flow water delivery operations from water supply to fire streams. The first portion of the class will cover everything there is to know about using LDH as a fire ground water delivery system. Included in the presentation will be techniques used for the actual deployment of the supply line evolution, build a supply line flow test presentation to show how to get maximum flow to a single pumper, dual pumping, deploying an above the ground looped supply line evolution, relay pumping and LDH master stream operations. Expect to see flows reaching 2000 GPM+ from a single pumper.

The second portion of the class will cover the application of fire streams from handlines to master streams. Paul Shapiro will take fire stream management to the next level. You will see a showdown between smooth bore nozzles and automatic nozzles, 1-3/4" handline flowing at least 300 GPM with one firefighter, a two person 2-1/2" handline flowing 500 GPM, high pressure smooth bore master stream applications, and more. Special attention will be given to the blitz attack concept in conjunction with minimum manpower and limited water supply. You will learn how to establish accurate engine pressures for all hose evolutions. All stream applications in this class have been proven to be safe and efficient for fireground use.

Students should bring their turnouts, a lot of energy and an open mind and be prepared to be amazed because you are going to see water flow operations that you never thought possible before. This class is for all ranks of fire suppression, from the rookie to the chief.

Class hours: 16

OSHA Mandates

Course #: 08538 Days: June 6 PM Time: 1:00-4:30 Fee: $ 15.00

This seminar will take the guesswork out of workplace safety and health by providing specific information about the Connecticut Department of Labor, Occupational Safety and Health Division (CONN-OSHA): who they are, what they do, and what happens after they show up at your door.

John Able, CSP, CONN-OSHA Occupational Safety Training Specialist, will discuss all facets of CONN-OSHA activities. Specific items to be covered include:

- CONN-OSHA staff composition
- Most frequently cited violations
- Handling an OSHA Inspection
- Post-inspection activities
- Injury and Illness Recordkeeping Requirements
- Safety & Health Programs

The ever-changing, complex and high-risk tasks that fire departments engage in often make compliance with OSHA standards difficult. A programmed, systematic approach to safety and health will pay dividends in many ways. CONN-OSHA is dedicated to providing assistance in crafting safety and health programs designed to prevent injuries and illnesses.

Class hours: 3

Preparing an Honor Guard

Course #: 08539 Days: June 3 AM Time: 8:30-12:00 Fee: $ 15.00

This 4 hour classroom presentation will cover topics such as: establishing an Honor Guard, development of SOP's, LODD levels of service, and implementing a LODD Incident Action Plan. We preplan for and train for every other aspect within the Fire Service; this class will lay the foundation for a successful team approach in handling a Fire Service related ceremony.

Class hours: 4

Prevention and Response to Suicide Bombing Incidents

Course #: 08540 Days: June 4 PM Time: 1:00-4:30 Fee: $ 15.00

Prevention and Response to Suicide Bombing Incidents (BRSBI) is presented to provide participants sufficient knowledge of suicide bombings so they can become a part of their agency's overall prevention, deterrence, mitigation and response to this threat. The content includes types of bombing attempts, recognizing the phases of attack preparation and suggested measures agencies can employ to mitigate the risks and dangers.

The Incident Response to Terrorist Bombings class is a companion to the Prevention and Response to Suicide Bombing Incidents. Students should participate in either or both classes based upon their needs.

Class presenter is Geoff Herald Chief with the City of Danbury Fire Department. Geoff is a member of the Hazardous Materials response team. Current certifications include these classes through the EMRTC in Soccoro New Mexico, ACBIRC training at Dugway Army Proving Ground in Utah. Connecticut Fire Officer II, Instructor II, WMD Instructor Training from ODP in Anniston Alabama.

Class hours: 3
Fire Marshal credit: 2

Profiling Buildings (Seminar Series)

Course #: 08270 Days: June 6 Time: 8:30-4:30 Fee: $ 55.00

This presentation by Chief Ray Hoff stresses sizing up for managing the fire scene and for initiating an action plan. The presentation covers creating awareness of building construction, fire behavior and how to develop tactics prior to arrival on the scene. These simple concepts are suffering in today's fire service due in part to limited fire experience, changes in training concepts, over reliance on SOP's and rollover in personnel. Participants will learn to read the building and select tools and tactics that will get you in and get you out, as well as enable you to accomplish critical fireground tasks such as forcible entry/exit, ventilation, and search. This presentation can assist a department with improved operations, saving time and lives.

Chief Ray Hoff, Topinabee (MI) Fire Department
Ray Hoff is a forty-plus year member of the fire service, is Chief of the Topinabee, Michigan Fire Department, where he has served for ten years. Prior to that he was a battalion Chief for the Chicago, Illinois Fire Department where he served for 32 years. He has taught for the Illinois Fire Service Institute for 15 years.

Class hours: 8

Scott Air-Pack Field Maintenance 2.2 – 4.5

Course #: 08543 Days: June 3 Time: 8:30-4:30 Fee: $ 20.00

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 SCBA. They should also bring the following tools: small flat screwdriver, number 2 phillips screwdriver, standard pliers, 1/8" pin punch, ?" and 5/8" open-end wrenches and 10" adjustable wrench.

Class hours: 8
Fire Marshal credit: 4

Sizing up the Weight of Rescue

Course #: 08544 Days: June 6 AM Time: 8:30-12:30 Fee: $ 15.00

Most rescuers are not aware of the total weights of many common construction materials. The weight of these objects can easily exceed the working capacities of your lifting tools and systems. This class will assist the rescuer with performing field calculations for common construction materials. The classroom portion of the course will explain how to determine the weight of large construction materials. Students will learn how to use an engineers rule to assist in calculating the estimated weights of large materials. The class will then move outside where members of Local 478 of the Operating Engineers will have the students estimate weights of construction materials based on their training.

Students should bring their own portable calculator.

Class hours: 4

Smoke Signals: Enhancing Tactical Decisions based on Products of Combustion

Course #: 08545 Days: June 5 Time: 8:30-4:30 Fee: $ 30.00

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 to assist in making enhanced and safer tactical decisions.

Class hours: 8
Fire Marshal credit: 2

So You're in the Front Seat Today

Course #: 08546 Days: June 5 PM Time: 1:00-4:30 Fee: $ 15.00

Senior Firefighter? Acting Officer? Stuck in the front seat today? Learn some tips, tricks, and strategies to succeed when 'in the front seat' today.

Many fire departments use the senior firefighter to fill the roll of company officer on a daily basis. Often, the member may not have a choice or opportunity to refuse the assignment. So you are stuck in a role that is substantially different than your normal routine. So what now?

This class will offer you methods to ensure the duties of the Company Officer are met for the day, the department's mission or goals are attained, and the members operate safely to ensure they go home at the end of the shift.

Class hours: 3.5

Standpipe Operations

Course #: 08547 Days: June 3 Time: 8:30-4:30 Fee: $ 40.00

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. Hopefully the student will go home with a new outlook on Standpipe Operations.

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

Class hours: 8
Fire Marshal credit: 4

Statewide Fire-Rescue Disaster Plan and Regional Resources

Course #: 08548 Days: June 5 AM Time: 8:30-12:00 Fee: $ 15.00

All fire departments will experience incidents requiring multi-alarm and specialized command situations. Knowing what resources are available is a must to be an effective Incident Commander. This course is designed for current and aspiring Incident Commanders, to develop their knowledge and awareness of the many Statewide Regional Resources available to them. An overview of the Statewide Fire-Rescue Disaster plan, current Taskforce system and all current and anticipated future regional assets will be covered in this presentation.

Class hours: 4

Station Evaluator Training

Course #: 08549 Days: June 3 PM Time: 1:00-4:30 Fee: $ 15.00

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 a Fire Service Instructor I. Proof must be submitted with application.

Class hours: 4

Surface Water Rescue-Operational

Course #: 08550 Days: June 5,6 Time: 8:30-4:30 Fee: $ 100.00

Surface Water Rescue-Operational is intended for personnel who may be expected to participate in initial rescue operations at water emergencies with an emphasis on dealing with swift water environment. Personnel completing this program will meet the requirements to be deployed at the Operational level of NFPA 1670, Chapter 7 for Surface Water and Swift Water Incidents excluding boat based operations. This class will provide students with the knowledge, skills and abilities to safely conduct shore-based rescue operations. The participant will be able to recognize the presence of water hazards at an incident, identify appropriate resources and protective equipment necessary to safely conduct operations, and to take appropriate rescue actions. The program will consist of a combination of a classroom, pool and river sessions. Participants will be required to complete a swimming ability test and participate in all in water activities to complete this program. Participants will be expected to arrive at class with appropriate thermal protection for in water evolutions.

Training Prerequisites: None
Class hours: 16

Television Media and the Fire Service

Course #: 08537 Days: June 3 PM Time: 1:00-4:30 Fee: $ 15.00

This half day program is designed to introduce members of the fire service to the needs of the television media and to the benefits that can be derived from working with media both during emergency situations as well as with your day to day operations. Participants will be shown how television can be used to positively market your department and its services as well as how you can disseminate important information during incidents. The ability to get accurate information to the public during a major incident can greatly improve the potential for achieving the best possible outcome, but do not limit your thoughts of the TV media to just incident coverage. They can allow you to publicize your department in a positive light, such as covering specialized training sessions or the placing in service of new equipment.

The program will discuss what a news crew's objectives are when they arrive at a scene and how they will work with the fire department to best achieve their goals while making every effort to not negatively impact operations. Examples of the type of equipment they will bring to a scene will be discussed (and displayed if available) along with an explanation about the manner in which the equipment works and how this dictates vehicle placement. Examples of how this equipment can be used to assist the incident commander will also be given.

This program will be presented by employees of WFSB Channel 3.

Class hours: 4
Fire Marshal credit: 2

The Scared Straight of Aquatics

Course #: 08551 Days: June 2 PM Time: 1:00-4:30 Fee: $ 40.00

The Scared Straight of Aquatics is a comprehensive, fast-paced, and emotionally-filled 3-hour educational session designed specifically for anyone with administrative, supervisory, management or emergency response responsibility for any type of aquatic facility. This program will prove especially beneficial to Fire, Rescue, EMS, and Lifeguard personnel, as well as Risk Managers, Town and City managers, Insurance representatives, and Health and Safety professionals, as well as parents.

This program focuses on the Prevention, Recognition, and Management of drowning and aquatic injuries and presents multiple principles pertaining to our Foundations in the Standard of Care for the Prevention, Recognition, and Management of Drowning and Aquatic Injuries. Numerous examples are shown throughout the program of the consequences when these principles are breached resulting in a drowning or serious injury. Multiple dramatic video clips are shown throughout the 3-hour program that actually show or depict a drowning or aquatic injury incident.

This program was developed by and is conducted by Gerald M. Dworkin, a professional Aquatics Safety and Water Rescue Consultant for Lifesaving Resources (lifesaving.com) who regularly consults as an Expert in drowning and aquatic injury litigation throughout the U.S. Many of his cases are presented during the course of this program.

Class hours: 3

Truck Company Operations: Ground Ladders

Course #: 08552 Days: June 4 Time: 8:30-4:30 Fee: $ 50.00

For most of our history in the Fire Service, ground ladders have been a mainstay of safe and successful structural firefighting. In recent years, with the advent of aerial devices, SCBA, advanced PPE and the decline in staffing in both career and volunteer departments, Fire Department proficiency in and use of ground ladders has tapered off, often with negative and sometimes disastrous effects on fireground operations and firefighter safety.

In this one day, combination lecture and hands-on class, students will be able to review the basics of fire service ground ladders from anatomy to commands to carries and raises. Students will renew their proficiency in carrying, deployment and use of roof ladders, 24’ ladders, 35’ ladders and 50’ ladders. Skills covered will include entry and exit, line advancement and withdrawal, victim removal and rapid ventilation – all over ground ladders. Streetwise skills, such as throwing multiple ladders with minimal staffing, ladder shifting, heeling and climbing will also be covered.

Students should be prepared for a physically challenging day of carries, raises and climbing. Students should have a level of comfort with ladders and working from varying heights. Students must be certified to Firefighter I and bring full PPE with SCBA.

Class hours: 8

Registration

Complete the application found in the middle of the brochure and return it to the Commission on Fire Prevention and Control, along with your check, credit card or Purchase Order number. Seating for all programs is limited.

- For your convenience, VISA and MasterCard are accepted.
- Check individual course descriptions for course cost.

All participants should report directly to the classroom in which their program will be delivered. Room assignments for all classes will be listed on the TV monitors in the building lobby. Same day registrations (if space is available) or problems with program selection will be handled at the "Help Desk" located in the Training Division office adjacent to the building lobby. The Help Desk will be staffed from 8:00 A.M. through 1:00 P.M.

Registrations at the door will be limited to only those programs with space available.

- **Refund Policy:** As with all Commission on Fire Prevention and Control programs, only those students canceling at least seven days in advance will receive a full refund.

- **Protective Clothing:** Each student is required to bring their own personal protective clothing when needed for a class. Full protective clothing includes: coat, boots with pants, helmet, hood, gloves and SCBA.

Note: Students with facial hair that interferes with the facepiece seal will not be permitted to participate in classes requiring SCBA.

Where Applicable: The prerequisites for Firefighter I may be substituted by having been a member of a fire department on or before July 1, 1977. A letter of verification/proof signed by the chief of the department must accompany the applications.

Tuition Includes On-Site Lunch Service

Make the most of your lunchtime by dining in. The cost of lunch is included in your tuition. You'll have plenty of time to eat, tour the grounds, view the vendor exhibits and be on time for your scheduled programs.

Lodging

Connecticut Fire Academy
Dorm Room Reservation Service
Windsor Locks, Connecticut 06096
860-258-4025

Lodging will be available on a first-come, first-served basis. Participants must be confirmed in a class for the date(s) being requested. All dorm rooms must be reserved by telephone call to the reservation service.

A number of hotels, motels and inns are located along Route 75 near Bradley International Airport. Check the local Yellow Pages listing for further details.

Connecticut Fire Academy Book Store

A service to the firefighting community

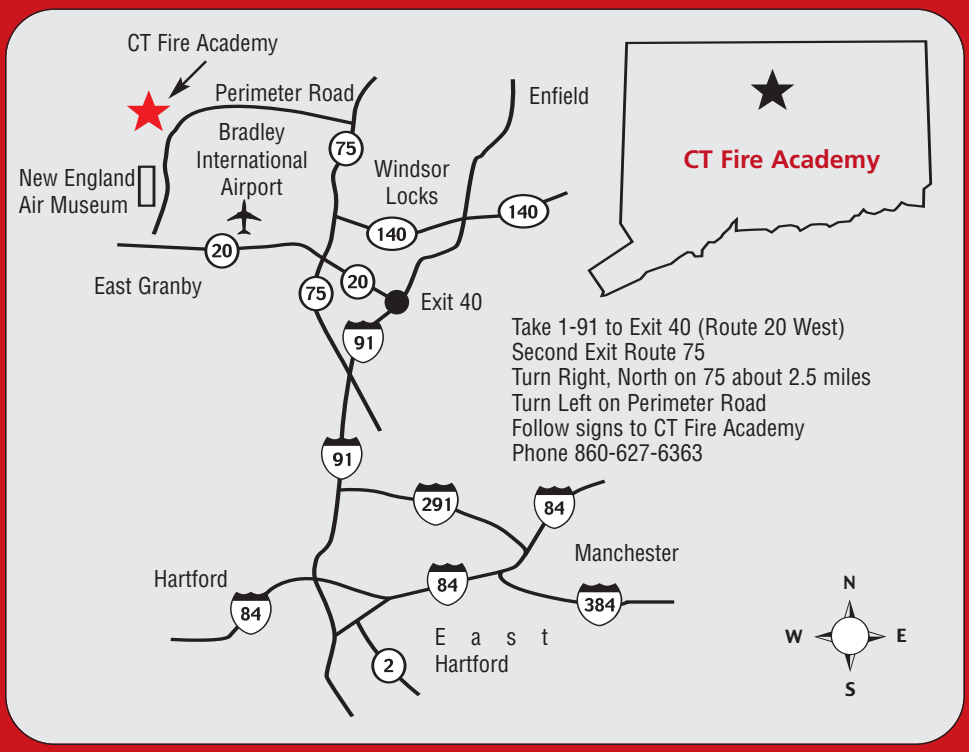
The Connecticut Fire Academy Book Store boasts an impressive selection of affordably priced books and study guides for firefighters. We're also proud of our knowledgeable staff that's on duty to help you with your purchases. Now that you're all fired up, call or stop by. And step on it!

Directions to Connecticut Fire Academy

34 Perimeter Road Windsor Locks, CT 06096-1069

Main Phone Number (860) 627-6363 • In-State Toll Free 1-877-528-3473

I-91 North or South to exit 40 (Route 20, Bradley Connector). Follow Route 20 West 1.7 miles to the exit for Route 75. Take a right off the exit onto Route 75 North and follow 2.5 miles. Take a left onto Perimeter Road (see sign for the CT Fire Academy and the New England Air Museum). Continue 1.4 miles to the Academy, which will be on your right. Parking is available at the rear of the building.



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