

JUNE FIRE SCHOOL 2011

At The
Connecticut Fire Academy



June 6-11 2011

SUBMIT APPLICATION BY MAY 24, 2011



Welcome..... to the 2011 June Fire School.

The staff at the Connecticut Fire Academy eagerly anticipates this as our largest on campus event.

We are all aware of the pressures on government to “reinvent” or “downsize” itself. As you go about the business of providing for your citizens’ safety and economic well being, remember **you** – the fire department members – **are** the government.

As an organization and as individuals, we must be preparing for and reacting to change. Change upsets people. It disrupts routine and demands our constant adaption. But change is inevitable and essential to our survival.

Part of your experience at the June Fire School will help you to modify behaviors and learn where change is taking us. Some call it the “new normal”.

One thing that is required of individuals in our profession is that an epidemic of cooperation is needed. We also need an epidemic of innovation, and the June Fire School can help. Please, share your ideas and foster a teamwork environment where we all can be successful.

Good luck!

Adam D. Piskura

Adam D. Piskura, Director
Connecticut Fire Academy

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Mon June 6	Tues June 7	Wed June 8	Thurs June 9	Fri June 10	Sat June 11
Accelerant Detection K-9	Aerial Strategies and Tactics (Evening)	Basic Pumps (Evening)	Base Pumps (Evening)	Building Construction	Aerial Strategies and Tactics
Aerial Strategies and Tactics (Evening)	Basic Pumps	Decision- Making in CWS Response	EVOC Vehicle Operation & Apparatus Safety	EVOC for Emergency Medical	Basic Pumps
Basic Pumps	Engine Company Operations: Advancing the Initial Handline	Engine Company Operations: Alternative Hose Stretches	Engine Company Oper: Emergency Action Drills	EVOC for Officer's Role in Driver	EVOC Vehicle Operator Practical Skills
Engine Co Operations: Advancing the Initial Handline	Firefighter Safety & Survival	Evidence Preservation at the Fire Scene	Firefighter Rehab	Fire Service Instructor III	Flashover Survival
Fitness for Firefighters	Fundamentals of Strategy & Tactics	Firefighter Safety & Survival	HazMat Ops/WMD T-t-T	Rapid Intervention Team	Large Area Search
Flashover Survival	HazMat Ops/WMD T-t-T	HazMat Ops/WMD T-t-T	Holmatro Rescue Equipment	Seminar Series: Emergency Operations Involving Hybrid	Lifestar
Forcible Entry	Introduction to Member Involved Fatal Fire Investigation	Hurst Extrication Equipment	Rapid Intervention Team	Standpipe Operations	Station Evaluators Training
Fundamentals of Strategy & Tactics	LNG and Alternatively Fueled Commercial Vehicles	Inspection of Firefighter PPE Scott Airpack Field Maintenance	Strategy & Tactics Everyday Emergencies	Truck Company Oper: Ground Ladders	
O.S.H.A Mandates for the Fire Service	Modern Hydraulic Rescue Tool Operating Principals and Practices	Strategy & Tactics: Everyday Emergency			
	Smokedivers	Utilizing Meters During a Hazardous Materials Response			

ACCELERANT DETECTION K-9

COURSE # 11500	DATE: 6/6	TIME: 1300- 1630	FEE: \$15
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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.

Class hours: 4

Fire Marshal credit: 4

AERIAL STRATEGIES AND TACTICS

COURSE # 11501	DATE: 6/6, 7	TIME: 1800-2200	FEE: \$65
	DATE: 6/11	TIME: 0830-1630	

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.

Class hours: 16

BASIC PUMP OPERATION

COURSE # 11502	Date: 6/6, 7	TIME: 0830-1630	FEE: \$60
COURSE # 11503	Date: 6/8, 9	TIME: 1800-2200	FEE: \$60
	Date: 6/11	TIME: 0830-1630	

This course examines the components and controls used 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, each student will apply practical applications while flowing water at prescribed pressures. **Full protective clothing (No SCBA) is required.**

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.

Class hours: 16

BUILDING CONSTRUCTION MATERIALS, COMPONENTS, STRESS, & LOADS

COURSE # 11504	DATE: 6/10	TIME: 0830-1630	FEE: \$40
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This program examines the various stresses impacting a building. Structural components and the loads imposed upon these building materials are examined in detail. Common building material characteristics are studied with respect to the hazard created for firefighters. Composite and engineered building materials are examined. Finally, truss constructions and problems created by truss construction are discussed.

Class hours: 8

Fire Marshal credit: 8

DECISION-MAKING IN CWA RESPONSE

COURSE # 11505	DATE: 6/8	TIME: 13:00-1630	FEE: \$15
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This half-day program will be presented by Christopher Wrenn, Sr. Director of Sales & Marketing of Environics USA This course educates responders about CWAs, what they are, where they come from and the various clues we can use to identify their presence and act accordingly. CWA response is a three step process using location techniques, classification techniques and identification technologies. In this course responders will learn how to properly layer these techniques to quickly make effective decisions. This course will include a hands-on practical session using real instruments including use of the new ChemPro100i.

Class hours: 4

EMERGENCY OPERATIONS INVOLVING HYBRID & ELECTRIC VEHICLE

COURSE # 11263	DATE: 6/10	TIME: 0830-1630	FEE \$55
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With the influx of hybrid electric vehicles (HEVs) into the market and the nationwide release of two electric vehicles (EVs) in 2011, it is imperative that emergency responders, who are on the "front lines" of handling accidents, extrications, and fires, are trained to respond to incidents involving these vehicles. This program will help first responders stay on top of automotive trends in these technology areas, and will provide the skills needed to safely respond to incidents involving hybrids, plug-in hybrids and electric vehicles. Identification methods, vehicle systems, potential hazards, and response procedures will all be addressed. We will also take a close look at the Chevrolet Volt and Nissan Leaf, the first two major entrants in the electrical vehicle market. This program is designed to familiarize all response personnel, from the first year probe to the seasoned chief officer, with how to safely work around HEVs and EVs at an incident. This topic is especially important to Connecticut first responders as our state is currently at the forefront of promoting an electrical vehicle infrastructure. As a result we will see more and more hybrids and electric vehicles on Connecticut roads.

Class hours: 8

Fire Marshal credit: 2

ENGINE COMPANY OPERATIONS ADVANCING THE INITIAL HANDLINE

COURSE # 11507	DATE: 6/6, 7	TIME: 0830-1630	FEE \$150
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It has often been said "As the first handline goes, so goes the fire!" This course 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.

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

ENGINE COMPANY OPERATIONS: ALTERNATIVE HOSE STRETCHES

COURSE # 11508	DATE: 6/8	TIME: 0830-1630	FEE \$60
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The pre-connected hoseline is generally the preferred first hoseline in service by the engine company at the fire scene. The conventional first hoseline stretch is to enter the structure through the front door or main egress. The conventional stretch may not work due to numerous reasons, burned out stairs, not enough hose, or limited staffing. This course will expose the student to alternative hose stretch methods to compensate for these and other predicaments. The majority of this course will be hands-on training.

Full personal protective clothing with SCBA with one spare cylinder will be required.

Class hours: 8

ENGINE COMPANY OPERATIONS: EMERGENCY ACTION DRILLS

COURSE # 11509	DATE: 6/9	TIME: 0830-1630	FEE: \$60
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The ability to react immediately to overcome a dangerous situation during an interior engine company hoseline attack might be the difference between life and death for the nozzle team. This course discusses and demonstrates five documented life threatening scenarios that have occurred during interior attacks. This course will teach the firefighter how to react with muscle memory. The drills practiced here will be short, basic and intense, designed to make the firefighter react. Short life saving skill drills covered in this course will be excellent for the student to take back to their department and share.

Full personal protective clothing with SCBA with one spare cylinder will be required.

Class hours: 8

EVIDENCE PRESERVATION AT THE FIRE SCENE

COURSE # 11510 **DATE: 6/8** **TIME: 1300-1630** **FEE: \$15**

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

EVOC- VEHICLE OPERATION AND APPARATUS SAFETY- BASIC & ADVANCED

COURSE # 11511 **DATE: 6/9** **TIME: 0830-1630** **FEE: \$40**

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

Class hours: 8

EVOC – VEHICLE OPERATION AND APPARATUS SAFETY FOR EMERGENCY MEDICAL SERVICES

COURSE # 11512 **DATE: 6/10** **TIME: 1300-1630** **FEE: \$25**

The leading cause of death for E.M.S. personnel is ambulance crashes. The continued rising rates of ambulance and other EMS response vehicles resulting in fatalities and serious injuries illustrate the fact that the emergency service community needs a basic program with regard to training drivers. This course defines the need for Emergency Vehicle Operator (EVO) training by identifying the scope of the problem. EVO defines needed qualities and discusses motivating the operators to drive safely. A module on legal issues including: 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. There is also a module on fleet management and remote telemetry available to monitor driving performance.

Class hours: 4

EVOC – VEHICLE OPERATION AND APPARATUS SAFETY – OFFICER'S ROLE IN DRIVER SAFETY

COURSE # 11513 **DATE: 6/10** **TIME: 0830-1200** **FEE: \$25**

The responsibility for the safe operation of emergency vehicles does not begin or end behind the steering wheel. Emergency Vehicle Operations (EVO) is a system of interlocking areas of responsibilities that extend from the driver's seat to the officer's seat all the way to the Chief of Department. This course examines the role of each of these areas of responsibility from the Company Officer to the Chief of the Department. Course topics include EVO training, standards, liability issues, vehicle inspection and maintenance, negligent hiring and retention, and the need to have in place applicable standard operating procedures or guidelines.

Class hours: 4

EVOC – VEHICLE OPERATION AND APPARATUS SAFETY – PRACTICAL SKILLS

COURSE # 11514 **DATE: 6/11** **TIME: 0830-1630** **FEE: \$50**

This course challenges both the new and experienced Emergency Vehicle Operator (EVO) 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.

Class hours: 8

FITNESS FOR FIREFIGHTERS

COURSE # 11515	DATE: 6/6	TIME: 0830-1630	FEE: \$55
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This eight hour program 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. The program will conclude with a creative and dynamic hands-on firehouse workout routine.

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

Class hours: 8

FIREFIGHTER REHABILITATION

COURSE # 11516	DATE: 6/9	TIME: 0830-1630	FEE: \$50
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This program provides an introduction to fire service rehabilitation, recognizing the need for on scene rehab, pre incident training, SOP/GOG requirements, on scene operations, and post incident monitoring. The beginning of the course is classroom lecture, followed by practical sessions using the Connecticut Fire Academy rehabilitation trailer.

Class hours: 8

FIREFIGHTER SAFETY AND SURVIVAL

COURSE # 11517	Date: 6/7, 8	TIME: 0830-1630	FEE: \$95
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This course on firefighter survival training uses scenarios based on actual incidents to identify problems encountered, and offers possible solutions for members in life threatening situations. Self-rescue procedures, such as low profile ladder egress, and personal rope bail-out procedures will give the participant options if caught in a rapidly deteriorating situation.

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

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

Class hours: 16

FIRE SERVICE INSTRUCTOR III

COURSE # 11518	DATE: 6/10	TIME: 0830-1200	FEE: \$185
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Designed for the Fire Service Instructor II, Fire Service Instructor III meets the requirements of NFPA 1041. Topics include administration, records, policy, personnel, analysis, evaluation, and program and curriculum development. The course is a blended learning course. Access to a computer with internet access is mandatory. Students are required to complete course work online.

Maximum class size: 16

Training Prerequisites: Certified Fire Service Instructor II

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

Certification testing time: require an additional date for certification practical exam and written exam.

Class hours: 4

FLASHOVER SURVIVAL

COURSE # 11519	DATE: 6/6	TIME: 0830-1630	FEE: \$95
COURSE # 11520	DATE: 6/11	TIME: 0830-1630	FEE: \$95

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.

Class hours: 8

Fire Marshal credit: 4

FORCIBLE ENTRY

COURSE # 11521 **DATE: 6/6** **TIME: 0830-1630** **FEE: \$80**

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 held off-site from the Connecticut Fire Academy.

Full protective clothing (No SCBA) is required.

Class hours: 8

FUNDAMENTALS OF STRATEGY AND TACTICS

COURSE # 11522 **DATE: 6/6, 7** **TIME: 0830-1630** **FEE: \$65**

This two day course introduces the officer candidate to the philosophy and tools required for leadership decision making during emergencies. Subjects covered will be a review of the National Incident Management System (NIMS), Incident Priorities and Decision making, the basics of fire behavior and building construction, "Size-Up", Evaluation and Assessment as well as the difference between "Strategy and Tactics" using such tools as Layman's Tactical Model and RECEO VS.

Class hours: 16

HAZARDOUS MATERIAL AWARENESS/OPERATIONAL/WMD TRAIN-THE-TRAINER

COURSE # 11523 **DATE: 6/7, 8, 9** **TIME: 0830-1630** **FEE: \$15**

The Train the Trainer will be an in depth review of the 472-2008 program. The program DVD; support documents, charts, drills, quizzes, certification skill sheets and program flow will be reviewed and discussed. Each instructor candidate will be provided with the NFPA 472 Handbook; Jones and Bartlett Hazardous Materials Text and Student Manual and the Dr. Ben Hirst Exam Prep books, as well as all the printed Lesson Plans, Student Manual and support documents. All three days must be attended to receive the finished program and teaching materials. **Students must be certified Fire Service Instructor I.**

Class hours: 24

Fire Marshal credit: 10

HOLMATRO RESCUE EQUIPMENT FEATURING NEW VEHICLE TECHNOLOGY

COURSE # 11524 **DATE: 6/9** **TIME: 0830-1630** **FEE: \$60**

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.

Class hours: 8

June Fire School 2011 Student Application Please print/type and mail/fax with payment to:

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

Last Name First Name

ID Number ____ - ____
Your ID Consists of the first (3) letters of your last name and Last (4) digits of your social security number.

Home Address

As Chief of the _____
Fire Department or
As Supervisor of the _____
Organization

City State Zip

Phone (Home) Work or Cell

Fire Department/Organization

Email

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

Method of payment: Payment is required at time of registration. Faxes must include

Credit Card or P O number

Check made payable to CFPC

Purchase Order # _____

VISA Master Card Card # _____

Card Holders Name: _____

Signature: _____ Exp Date: _____

I hereby authorize the above applicant to participate in the program(s) 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 held 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 29CFR 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.

If paying by check please submit a separate check for each class.

Monday June 6, 2011

- Course # 11500 Fee: \$15 Accelerant K-9
- Course # 11501 Fee: \$65 Aerial Strategies & Tactics
- Course # 11502 Fee: \$60 Basic Pump
- Course # 11507 Fee: \$150 Engine Co. Oper Adv. The Initial Handline
- Course # 11515 Fee: \$55 Fitness for Firefighters
- Course # 11519 Fee: \$95 Flashover Survival
- Course # 11521 Fee: \$80 Forcible Entry
- Course # 11522 Fee: \$65 Fundamental of Strategy/Tactics
- Course # 11532 Fee: \$15 OSHA Mandates

Sub Total \$ _____

Tuesday June 7, 2011

- Course # 11517 Fee: \$95 FF Safety and Survival
- Course # 11523 Fee: \$15 HazMat Awareness/Oper
- Course # 11526 Fee: \$40 Into To Involved Fatal Fire
- Course # 11530 Fee: \$15 LNG /Alternative Fueled
- Course # 11531 Fee: \$30 Modern HRT Operating Principals and Practices
- Course # 11535 Fee: \$65 Smokedivers

Sub Total \$ _____

Wednesday June 8, 2011

- Course # 11503 Fee: \$60 Basic Pump
- Course # 11505 Fee: \$15 Decision-Making in CWS
- Course # 11508 Fee: \$60 Engine Co. Oper. Alt Hose
- Course # 11510 Fee: \$15 Evidence Preservation
- Course # 11525 Fee: \$60 Hurst Tool
- Course # 11528 Fee: \$15 Inspection of FF PPE
- Course # 11534 Fee: \$20 Scott Airpack Field Maint
- Course # 11538 Fee: \$65 Strategy/Tactics: Everyday Emergency
- Course # 11540 Fee: \$15 Utilizing Meters During a HazMat Response

Sub Total \$ _____

Thursday June 9, 2011

- Course # 11509 Fee: \$60 Engine Co. Operations Emergency Action Drill
- Course # 11511 Fee: \$40 EVOC Basic & Advanced
- Course # 11516 Fee: \$50 Firefighter Rehabilitation
- Course # 11524 Fee: \$60 Holmatro
- Course # 11533 Fee: \$95 Rapid Intervention Team

Sub Total \$ _____

Friday June 10, 2011

- Course # 11504 Fee: \$40 Building Construction for The Fire Service
- Course # 11512 Fee: \$25 EVOC for EMS
- Course # 11513 Fee: \$25 EVOC the Officers' Role
- Course # 11518 Fee: \$185 Fire Service Instructor-III
- Course # 11263 Fee: \$55 Seminar Series: Emergency Operations Involving Hybrid & Electric Vehicle
- Course # 11536 Fee: \$40 Stand-Pipe Operations
- Course # 11539 Fee: \$65 Truck Co. Oper: Ground Ladders

Sub Total \$ _____

Saturday June 11, 2011

- Course # 11514 Fee: \$50 EVOC Vehicle Operator Practice Skills
- Course # 11520 Fee: \$95 Flashover Survival
- Course # 11527 Fee: \$55 Large Area Search
- Course # 11529 Fee: \$15 Lifestar
- Course # 11537 Fee: \$15 Station Evaluators Training

Include any required prerequisite proof as a separate sheet.

Sub Total \$ _____

Total \$ _____

Flashover Permission form

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

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

The following must be completed prior to receiving Flashover Survival training.

Participant's Signature: _____ Date: _____

Participant's Name: _____
(Please Print)

As the Chief of the _____ Fire Department

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

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

Chief's Signature: _____ Date: _____

Chief's Name: _____
(Please Print)

HURST EXTRICATION EQUIPMENT

COURSE # 11525	DATE: 6/8	TIME: 0830-1630	FEE: \$60
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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

INSPECTION AND CARE OF FIREFIGHTER PROTECTIVE CLOTHING

COURSE # 11528	DATE: 6/8	TIME: 0830-1200	FEE: \$15
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Many departments believe that if they purchased NFPA compliant turn out gear they have satisfied the standard. This is not correct. The standard calls for inspection and maintenance to be done throughout the life of this gear. This program will explain the standard and cover one example of manufacturer recommendations for the care and inspection of turn out gear. The program will be presented by a representative of the NFPA as well as a representative from a manufacturer of firefighter protective clothing.

Class hours: 4

INTRODUCTION TO MEMBER INVOLVED FATAL FIRE INVESTIGATION

COURSE # 11526	DATE: 6/7	TIME: 0830-1630	FEE: \$40
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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 fireground (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 into what happened. This course is designed to introduce students as 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.

Class hours: 8

Fire Marshal credit: 4

LARGE AREA SEARCH

COURSE # 11527	DATE: 6/11	TIME: 0830-1630	FEE: \$55
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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

LIFESTAR

COURSE # 11529	DATE: 6/11	TIME: 0830-1200	FEE: \$15
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This half-day program will introduce first responders to the Lifestar Helicopter medical transport service. The program will explain who can request Lifestar; identify the guidelines for requesting Lifestar, when to request Lifestar, establishing a landing zone, communicating with Lifestar dispatch and with the aircraft, and safety when working around the aircraft. This program is recommended for EMS responders who need to decide about patient care and transport as well as fire department officers who may be required to set up helicopter landing zone. The program is presented by members of the Lifestar staff. The aircraft will be on-site for program participants to inspect and ask questions about (weather and call volume permitting).

Class hours: 4

LNG AND ALTERNATIVE FUELED COMMERCIAL VEHICLES

COURSE # 11530	DATE: 6/7	TIME: 0830-1200	FEE:\$15
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Alternative fueled commercial vehicles are becoming more common on the roadways of Connecticut. As the use of these types of vehicles grows so will the need for facilities that service them. This half-day program will give you an overview of alternative fueled commercial vehicles and facilities that will support them (such as LNG fueling stations). Specific information will be covered on Class 8 tractor trailer units now operating on Connecticut's highways that are fueled with Liquefied Natural Gas. Examples of alternative fueled vehicles will be on site for the students to examine including a LNG Class 8 tractor; Hydrogen Fuel Cell Bus; CNG fueled Civic, Transit Connect, MV-1; and a Chevy Volt as well as an Electric Vehicle Service Equipment display. Sooner or later your department will respond to an incident involving one of these types of vehicles. The more you learn about them now the safer you will be then.

Class hours: 4

Fire Marshal credit: 4

MODERN HYDRAULIC RESCUE TOOL OPERATING PRINCIPALS AND PRACTICES

COURSE # 11531	DATE: 6/7	TIME: 0830-1630	FEE: \$30
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This one-day program discusses vehicle extrication and equipment. Topics included are hydraulic principals and theories, understanding new generation rescue tools, new car technologies, hybrid vehicles, stabilization principles, and modern vehicle extrication evolutions. This program will be presented by an instructor from AMKUS, Inc.

Class hours: 8

O.S.H.A MANDATES FOR THE FIRE SERVICE

COURSE # 11532	DATE: 6/6	TIME: 0830-1200	FEE: \$15
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This program 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. A CONN-OSHA Occupational Safety Officer 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: 4

Fire Marshal credit: 3

RAPID INTERVENTION TEAM (RIT)

COURSE # 11533	DATE: 6/9,10	TIME: 0830-1630	FEE: \$95
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This is an intensive course on fire behavior and fire survival training. Using scenarios based on real-life incidents, the class identifies problems and offers possible solutions for the safe and efficient removal of members in distress. Safely removing a trapped or unconscious firefighter from a burning building is a labor intensive operation. Methods of searching for a missing firefighter in a large open area will also be covered. Full protective clothing including SCBA with one spare cylinder is required.

Prerequisites: must be Firefighter I certified.

Class hours: 16

SCOTT AIR-PACK FIELD MAINTENANCE 2.2 – 4.5

COURSE # 11534	DATE: 6/8	TIME: 0830-1630	FEE: \$20
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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. In order for the student to perform field maintenance on their Scott SCBA, there is an extensive necessary tool list. The 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.

Class hours: 8

Fire Marshal credit: 4

SMOKEDIVERS

COURSE # 11535	DATE: 6/7	TIME: 0830-1630	FEE: \$65
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This one day presentation starts with a short classroom session in the morning followed by physically intensive SCBA Air Management practical skills. Students will learn skills related to NFPA 1410 Standard on Air Management. Participants will also practice air saving techniques and how to manage air supply in challenging practical applications. Each student should have full personal protective equipment and SCBA with (1) spare cylinder. Students should also bring a large sport drink to keep hydrated.

Class hours: 8

STANDPIPE OPERATIONS

COURSE # 11536	DATE: 6/10	TIME: 08:30-16:30	FEE: \$40
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Whether you are in a large or small department, a 60-story hi-rise or a two-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

STATION EVALUATORS TRAINING

COURSE # 11537	DATE: 6/11	TIME: 0830-1200	FEE: \$15
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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.

Class hours: 4

STRATEGY & TACTICS: EVERYDAY EMERGENCIES AND SERVICE CALLS

COURSE # 11538	DATE: 6/8,9	TIME: 0830-1630	FEE: \$65
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This two-day course takes the firefighter and company officer through the everyday calls that take up the majority of fire service responses. These are the most common calls where the responder deals with the citizens and public the most. These calls are often referred to as "nuisance" calls by first responders but to the occupant or those effected it; to them it could be a crisis. Common calls involve; Utility issues, Gas, Electric, Water; Carbon Monoxide Detector Activations; Auto Lock-outs; Dumpster Fires; Auto Fires; Alarm System Activations.

Class hours: 16

TRUCK COMPANY OPERATIONS: GROUND LADDERS

COURSE # 11539	DATE: 6/10	TIME: 0830-1630	FEE: \$65
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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 should be certified to Firefighter I and bring full PPE with SCBA.

Class hours: 8

UTILIZING METERS DURING A HAZARDOUS MATERIALS RESPONSE

COURSE # 11540

DATE: 6/8

TIME: 0830-12:00

FEE: \$15

This half-day program will be presented by Christopher Wrenn, Sr. Director of Sales & Marketing of Environics USA and combines two of his most popular training programs. Blowing Up Can Ruin Your Whole Day helps you to understand Combustible Gas Sensors and how to use them. Combustible gases and vapors are one of the most common gaseous threats for Haz-Mat responders. However, many responders don't fully understand how their combustible gas sensors operate and what their limitations are. This course will discuss the operation and limitations of Wheatstone bridge catalytic bead LEL sensors, infrared combustible sensors, thermal conductivity combustible gas sensors, dilution fittings and even using Photoionization Detectors (PIDs) for assessing combustible environments. It will help you understand when to trust and use each technology. The second program will be Is There Something Out There? After oxygen, flammability and your basic electrochemical toxic sensors, survey tools like PID (Photo Ionization Detector), FID (Flame Ionization Detector) and MOS (Metal Oxide Sensor) sensors are one of your best tools to quickly identify if something is out there. On their own, survey sensors will not tell you what that "something" is, but they can often quickly tell you where it is coming from and give you a quick idea of how much is there.

Class hours: 4

June Fire School Notice

This year as you attend the June Fire School at the Connecticut Fire Academy you will notice something new – construction. The long awaited facility improvements for the Connecticut Fire Academy/Hartford County Fire School have begun. The major additions to the campus will be a new fire station/storage facility and a class “A” burn building. These new buildings will also require that we realign some of the existing features including parking areas and training props. We eagerly await the chance to utilize these new features, but in the mean time we must adjust our activities to accommodate the construction work.

During your time here for June Fire School we ask that you be aware of the construction activities. Please be observant of any new signage that may direct you to alternative parking locations and revised entrances to our existing buildings. For your safety observe any areas that are marked as construction zones and do not enter them. Also expect that heavy equipment and construction vehicles will be operating around the facility. As always your safety is our utmost priority. We look forward to having you return to the Connecticut Fire Academy at a later date to help us utilize these new features as part of our continuous efforts to improve fire training in the State of Connecticut.

Thank you for your help in accommodating the construction activities. Despite these new challenges we are confident you will find the programs offered in this year's June Fire School interesting and informative. We have a full selection of programs that will challenge you either physically or mentally (your choice). We have also included training in the evening and on Saturday to help individuals who can not attend weekday programs to still benefit from this year's June Fire School offerings.

We look forward to seeing you and hope your experiences here are safe, informative and enjoyable.

Jim Carroll
Program Manager



While attending June Fire School be sure to visit our Vendor Site in our Multi-purpose Room to see the latest fire related equipment, tools and additional

Dormitory Lodging at the Connecticut Fire Academy

Students who desire lodging during June Fire School may reserve a room by calling (860) 627-6363 Ext. 421 during normal business hours (8:30 am – 4:30 pm) Monday through Friday. Reservations are generally available on a first-come, first-served basis. Each Dormitory room is equipped with a private bath; bed linens and towels are provided however guests are welcome to bring their own pillow and linens/sleeping bag to make their stay more comfortable. Free wireless internet is provided throughout the facility and a student lounge with television, commercial refrigerator and microwave is available to all guests.

Lodging - Single Occupancy	Daily Rate
*Governmental/Municipal (In-state)	\$15.00
*Private Business/Industry/Out-of-State	\$25.00

*** Full payment is required at check-in by cash, check or credit card**



Connecticut Fire Academy Bookstore

A service to the
firefighting
community



The Connecticut Fire Academy Bookstore 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 the 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). Continued 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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Connecticut Fire Academy

State of Connecticut Commission on Fire Prevention and Control

34 Perimeter Road

Windsor Locks, CT 06096-1069

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