



*2014 Rescue Week
at the
Connecticut Fire Academy*

October 6th- 11th, 2014



State of Connecticut

Department of Emergency Services and Public Protection

Commission on Fire Prevention and Control

Connecticut Fire Academy

www.ct.gov/cfpc

An Affirmative Action/Equal Employment Opportunity Employer

Courses

Advanced Shoring: Wednesday – Oct 8th and Thursday – Oct 9th - 8:30 A.M. – 4:30 P.M.

The advance shoring class builds on the basic shoring concepts of capturing the load and transmitting it to the ground. The students will work through the process of replacing temporary (basic concept) shoring with permanent structures that will increase the safety area in collapsed buildings to perform search operations. Students will lay-out and build/install two, three, and lace post shores, to support floors; raker and horizontal shores to support interior and exterior walls. Students should have taken Collapse (basic) Shoring for Firefighters and will need long pants, work boots, gloves, helmet and safety glasses to participate. **Course # 15212 - \$260.00**

Advanced Urban Lead Climber: Wednesday– Oct 8th and Thurs Oct 9th - 8:30 A.M. – 4:30 P.M.

This 16 -hour class is a continuation of the Urban Lead Climber course. This course will exercise the skills that are needed in the real world to solve even the most complex rope rescue response. It starts with a strong foundation for critical thinking while on scene. From the initial scene size up, Incident command, pre- climb inspection and continuing up-grades to the rescue plan. The scenario based training will take place at a local amusement park and will encourage students to expand their physical and mental limits and meet their capability goals. This training is not for everyone. It is in-depth and challenging. Students are required to meet the challenges individually and working as a team. **Course # 15200 - \$350.00**

Advanced Vehicle Extrication: Wednesday – Oct 8th - 8:30 A.M. – 4:30 P.M.

This program is designed to provide the experienced student with realistic scenarios involving different problematic extrications. The objectives of this class are to provide the student with a series of complex vehicle rescue situations that will allow them to use an incident management system along with contemporary extrication and stabilization techniques. Vehicles will be situated in compromising positions so as to provide the students with challenging scenarios. Students must have a working knowledge of vehicle extrication tools and techniques, as instruction on these topics is limited. **Course # 15201 - \$250.00**

Basic Rigging, Rigging Hardware & Equipment Safety: Monday Oct 6th -8:30 A.M. – 4:30 P.M.

Rescue Companies and Search and Rescue Teams are increasingly carrying and using rigging equipment designed for the Crane and Towing/Recovery industries. The improper use and care of this equipment not only increases the chances of a failed operation, it increases the chances of injury or death to the victim and the rescuers. The Crosby Group will present a four -hour training program that covers: risk management and the basic rigging plan; loads on rigging and the rigging triangle; application of hardware; inspection of hardware; application of slings; and the inspection of slings. The afternoon will provide practical evolutions to exercise rigging concepts and the use of the equipment. Any responder who may be called on to utilize wire rope, chain, slings, or the associated hardware should take this training. It could be a life saver. **Course # 15210 - \$50.00**

Basic Shoring for Firefighters: Tuesday – Oct 7th - 8:30 A.M. – 4:30 P.M.

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 firefighters that respond to collapse emergencies that have occurred in wood frame and ordinary type constructed buildings. The program covers basic building construction, how collapses occur, and how to properly support structures with emergency shoring techniques. Students will have the opportunity to build basic shoring systems. **Course # 15211 - \$140.00**

Extrication/EMS: Coordinating Delivery of Critical Care: Friday – Oct 10th 8:30 A.M. – 4:30 P.M.

Good vehicle extrication demands a unique collaboration between rescue and emergency medical personnel. To save a victim (not just chop up a vehicle) you need command, coordination, communication and care. We improve the time from Ex to ED with a focus on “Get in, Get Care, Get Out”. This program incorporates ALS considerations in the extrication strategy using a real-world approach and shows how most critical trauma care can be managed quickly and effectively by BLS first responders. This program will help you better and more safely deliver immediate lifesaving treatment, reduce time from patient contact to patient surgery and address concerns for special patient populations including geriatrics, pediatrics, and pregnant patients. **Course # 15207 - \$100.00**

Handling Elevator Emergencies Operational: Monday – Oct 6 and Tuesday – Oct 7 - 8:30 A.M. – 4:30 P.M.

This two- day program focuses on the basic skills and knowledge required to respond to an incident involving an elevator. Subject matter includes the difference between hydraulic drive and traction drive elevators, elevator components and their functions, and a tour of a hydraulic elevator to observe the components and review the lowering of a hydraulic unit. The class then moves into removing the victim from the top hatch, use of key tools, and techniques for poling and using pick tools. **Course # 15208 - \$250.00**

Heavy Vehicle Rescue: Monday– Oct 6th and Tuesday– Oct 7th – 8:30 A.M.-4:30 P.M.

This program covers the hazards and challenges of responding to a motor vehicle accident involving a heavy vehicle more commonly referred to as a Big Rig. The topics contained in this program include vehicle stabilization, lifting, and righting. This is a hands-on program working with rescue and recovery equipment. **Course # 15202 - \$345.00**

Lifting Operations Utilizing Heavy Equipment: Tuesday – Oct 7th – 8:30 A.M. – 4:30 P.M.

Fire departments have been tasked with many more rescue challenges as a result of explosions, poor construction methods, or terrorism. Many of these challenges can exceed the lifting and moving capabilities of our rescue equipment. The fire service has realized the need to partner with rigging experts. In order to realize the need for outside assistance, firefighters must be able to estimate the weight of today's construction materials. Firefighters need to safely direct the operator of a crane or heavy piece of machinery. This class will prepare the firefighter to perform field calculations to determine weights. It will also apply the theory of the rigging triangle to lift the load, and give basic hand signals to direct the movement of the load. This program will be presented by members of Local 478 of the Operating Engineers. Students should bring a portable calculator, gloves, and helmet. It is recommended, but not a required prerequisite that the student has completed the Crosby class **Course # 15214:\$60.00**

Machinery Rescue: Friday – Oct 10th – 8:30 A.M. – 4:30 P.M.

Machine rescue, sometimes referred to as “Man-in-a-Machine” calls are somewhat uncommon. All firefighters should possess some sort of game plan to mitigate a “man in a machine” incident in the safest and most professional manner as possible. When a jumper is impaled on a fence, the pizza boy's arm is caught in the dough mixer or the restaurant worker has his hand in the meat grinder, it's technical rescue, it's specialized rescue and it's happening in every response area throughout the country. This class will start off with the NFPA Standard 1670, for Technical Rescue and move into the tools and special equipment needed to complete this unusual and bizarre type of rescue. The class will consist of case history, Crush Injury/Crush Syndrome, and Rescue Operations will be discussed at length. This course includes approximately four hours of lecture and four hours of hands-on training. **Course # 15203 - \$225.00**

Rail Safety for Emergency Responders: Thursday – Oct 9th - 8:30 A.M. – 4:30 P.M.

This program presented by the U.S Dept. of Transportation Federal Railroad Administration is designed to give responders the tools they need to respond safely and effectively to emergencies involving railroad equipment or happen in the railroad's right of way. The objectives are to recognize the necessity of planning for train incidents; factors that could affect safe response; on-scene dangers to personnel and equipment; recognition of different types of railroad cars; how to stop a train; sources of information at rail incidents; and the ability to respond to rail emergencies. The program will include hands-on training using rail cars located at the New England Disaster Training Center in Windsor Locks. **Course # 15209 - \$50.00**

Rescue Technician – Core: Monday – Oct 6th - Saturday – Oct 11th - 8:30 A.M. – 4:30 P.M.

This course is designed to meet the job performance requirements in Chapter 5 of NFPA 1006 Technical Rescuer Professional Qualifications standard. Students will learn the basics of site operations, size-up, resource management, hazard/risk assessment, victim management, ground support for helicopter operations and incident management as it relates to the rescue environment. Students will learn skills to use rope rescue equipment, package victims, anchor rope systems, and build and operate lowering and hauling systems in the high and low angle environments. Students will also be able to inspect and maintain related rescue equipment. This program is a prerequisite for all technical rescue certification courses. The PPE requirements are rescue gloves, a protective helmet and footwear. **Prerequisites:** Firefighter I, Haz Mat Operational and minimum EMR certification. Proof must be submitted with the application. **Course # 15204 - \$420.00**

The Principles of Lifting & Stabilization: Handling the Confirmed Man Under: Friday – Oct 10–

8:30 A.M. – 4:30 P.M. The objective of this class is to develop sound techniques for stabilization, lifting, and capturing through hands on evolutions in order to safely mitigate confirmed “pins” successfully. Students will be lifting and stabilizing cars, large vehicles, and railroad cars during scenarios such as vehicle rollovers, vehicle under rides, and people under trains. Students will practice using equipment for lifting and stabilizing including high pressure air bags, hydraulic rescue tools, struts, jacks, chains, binders, etc. **Course # 15213 - \$200.00**

Trench Rescue Operational: Thursday – Oct 9 and Friday – Oct 10th - 8:30 A.M. – 4:30 P.M.

This two-day class will meet the objectives of NFPA 1670 for trench operational. Students will learn the basics of trench size-up, preparing the rescue area, shoring the trench for entry, and removal of a patient. Students will use both timber and pneumatic shoring to safe the trench for entry. **Course # 15205 - \$225.00**

Urban Lead Climber: Monday – Oct 6th and Tuesday Oct 7th -8:30 A.M. – 4:30 P.M.

This rope rescue class covers incidents where the only way to reach your victim is by climbing up to them. The program starts with a classroom session on different rigging theories and specialized equipment for lead climbing followed by rigging/tool lab and practical stations. The second day will be out in the field conducting simulated lead climbing type rescues. **Course # 15206 - \$325.00**

Contact Program Manager, Jim Carroll at 860-264-9268 with any questions or email Jim at: Jim.carroll@ct.gov

*Complete the attached application and return to the
Connecticut Fire Academy*