



*2015 Rescue Week
at the
Connecticut Fire Academy
October 5th- 10th, 2015*



***State of Connecticut
Department of Emergency Services and Public Protection
Commission on Fire Prevention and Control
Connecticut Fire Academy
www.ct.gov/cfpc
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Courses

Advanced Urban Lead Climber: Wednesday– Oct 7th and Thurs Oct 8th - 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 # 16200 - \$350.00***

Advanced Vehicle Extrication: Saturday – Oct 10th - 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 # 16201 - \$255.00***

Basic Rigging, Rigging Hardware & Equipment Safety: Thursday Oct 8th –8:30 A.M. – 12:00 Noon

*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. TAny 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 # 16202 - \$35.00***

Extrication/EMS: Coordinating Delivery of Critical Care: Wednesday – Oct 7th 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 # 16203 - \$105.00***

Heavy Vehicle Rescue: Monday– Oct 5th and Tuesday– Oct 6th– 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 # 16204- \$350.00***

Machinery Rescue: Friday – Oct 9th – 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 # 16205- \$230.00**

Principles of Lifting & Stabilization: Handling the Confirmed Man Under: Wednesday– Oct 7 and Thursday Oct. 8th 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 # 16206- \$275.00**

Rapid evacuation of non-ambulatory victims: Thursday Oct. 8th 8:30 AM-12:00 Noon

The class will be an overview, demonstration and then practice on the evacuation of non-ambulatory victims. The goal of this class is the rescue victims from multi story facilities such as hospitals and nursing homes which may have non ambulatory patients or residents. This will be a basic level class with no prerequisite. Participants must bring gloves and helmets for practical session. **Course #16214 - \$95.00**

Rescue Technician – Core: Monday – Oct 5th thru Saturday – Oct 10th - 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 # 16207- \$420.00**

Rescue Techniques for Waterside Emergencies: Friday Oct. 9th 8:30 A.M.-12:00 Noon

The class will be an overview of the types of emergencies that can be encountered when there is no lifeguard available. The class will cover rescue techniques for removing victims from the water and medical treatment that can be provided. This will be a basic level class with the only prerequisite that each participant is able to swim at a beginner level. Each participant must bring a bathing suit and a towel. **Course #16215 - \$100.00**

Squeeze Play: Crush Injury, Compartment Syndrome and Rhabdomyolysis: Monday Oct. 5th-8:30 A.M.-12:00 Noon

Pinned in a car for two hours, trapped in a building collapse for 12, fallen on the floor for 24. Each of these patients may be experiencing different, but deadly aspects of crush injury, compartment syndrome, and rhabdomyolysis. Why are some victims okay under pressure, but die suddenly when rescued and what, if anything, can EMS do about it? Real-world case-studies bring this presentation to life as it answers these questions and more by bringing you evidence based best practices, protocols and resources that you can use to treat these high-pressure and high-profile patients. **Course # 16208- \$55.00**

Structural Collapse Awareness: Monday October 5th 8:30 A.M.-4:30 P.M.

At the conclusion of this course, students will understand the general hazards associated with structural collapse incidents including the recognition of applicable construction types and categories and the expected behaviors of components and materials in a structural collapse. They will be able to recognize and assess the potential conditions at a structural collapse incident, as well as identify the resources necessary to conduct safe and effective structural collapse search and rescue operations. They will learn procedures for conducting visual and verbal searches at structural collapse incidents, including the FEMA Task Force Rescue Marking System, Building Marking System, Victim Marking System and Structural Marking System. Students will also discuss development and implementation of procedures for carrying out the emergency response system as well as site control and scene management. An overview of removal and readily accessible victims from structural collapse incidents will be included, as preview of skills learned in the Operations level courses. **Course # 16209- \$55.00**

Surviving Technical Rescue Operations: Tuesday October 6th 8:30 A.M.-4:30 P.M.

Surviving technical operation is one of the most important safety issues we in the fire service face today. This one day course addresses general concepts of surviving technical rescue, risk management and training concerns. It is an over view of Rope, Confined Space, Trench and Structural collapse. It addresses equipment needs, procedures and training requirements. It is an awareness of important training concerns that most organizations will ever receive. All awareness level programs regardless of length are designed to allow your members to identify potential risks, hazards and problems at incidents and take the appropriate action to protect themselves, render the scene safer and begin the implementation of an incident command system. Learning what you can do and what you cannot do are critical to survival and successful outcomes. **Course #16210 - \$55.00**

Trauma Triad of Death: Innovations in Bleeding Control & Trauma Care: Monday-Oct. 5th 1:00PM

-4:30 PM While every emergency responder would recognize bleeding as a major preventable cause of trauma death and disability, few care providers recognize the role of hypothermia, hypocoagulation (including DIC) and acidosis, the three factors that actually kill patients, the so called Trauma Triad of Death. This program takes a look at the interrelation of all three of these factors and how they work together to kill our trauma patients. Also covered are innovations in prehospital bleeding control, fluid replacement and trauma care medications as well as how best to prioritize our use of such treatments to care for victims of multi-trauma in the field. **Course # 16211- \$55.00**

Urban Lead Climber: Monday – Oct 5th and Tuesday Oct 6th -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 # 16212- \$330.00**

Winch and Grip Hoist Operations for the Fire Service Responder: Friday-October 9th 8:30 A.M. -

4:30 P.M. Rescuers need to understand the dangers and limitations of attaching a winch cable to an objective to conduct a rescue. This class will assist in the decision making whether to use a Grip Hoist or vehicle mounted Winch to accomplish your rescue objective. Basic rigging, proper operation, and maintenance will be discussed, shown and then applied by the students in skill set operations. Proper use of the snatch block will be demonstrated. **Course # 16213-\$175.00**

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