

**2016**  
**Rescue Week and Beyond**  
**at the Connecticut Fire Academy**

**October 1-28, 2016**



**State of Connecticut Department of Emergency Services and Public Protection**  
**Commission on Fire Prevention and Control**  
**Connecticut Fire Academy**

[www.ct.gov/cfpc](http://www.ct.gov/cfpc)

**An Affirmative Action/Equal Employment Opportunity Employer**

Advanced Shoring Techniques ..... 4

Advanced Urban Lead Climber ..... 4

Advanced Vehicle Extrication ..... 4

Basic Rigging, Rigging Hardware & Equipment Safety ..... 5

Basic Winch and Grip Hoist Operations for the Fire Service Responder ..... 5

Cadet Rescue Day ..... 5

Collapse Rescue Shoring for Firefighters ..... 5

Heavy Equipment Rigging Specialist FEMA..... 6

Heavy Vehicle Rescue ..... 6

Ladder Company 101: Combat Drills..... 6

Pet Rescue and Rehabilitation ..... 7

Rapid Intervention Teams: Combat Drills ..... 7

Rescue Technician - Vehicle: Levels I and II ..... 10

Rope Rescue Challenge..... 10

Squeeze Play: Crush Injury, Compartment Syndrome and Rhabdomyolysis ..... 10

Stabilization University ..... 11

Street Drugs 2016 ..... 11

Structural Collapse Awareness..... 11

Surviving Technical Rescue Operations ..... 12

Tactical Considerations for Swift Water Incidents: Classroom ..... 12

Tactical Considerations for Swift Water Incidents - Hands On..... 12

Tactical Emergency Casualty Care Response to Critical Incidents ..... 13

Trauma Care for High Speed Collisions: Marching Like a Surgeon..... 13

Tripod Operations and Rigging Considerations ..... 13

Urban Lead Climber ..... 14

Vehicle Extrication - Building your extrication disentanglement and extrication pathway plan ..... 14

Weapons of Mass Destruction: From Clandestine Laboratory Processes to a Global Threat Assessment..... 14

Wide Area Search - Texas A&M Engineering Extension Service (TEEX) in conjunction with the Connecticut Fire Academy ..... 15

2016 Fire Service College Fair ..... 15

During the first week of Rescue Week and Beyond, Monday, Oct. 3rd through Friday, Oct. 7th you can purchase all you can eat barbeque for \$10.00 per person. Barbeque will be served between 12:00pm and 1:00pm. Lunch can be purchased for the remainder of the program deliveries throughout October for \$8.25 unless specifically noted in program description.

There will also be a lot of activity on the drill ground and in the Class A building to the rear of the admin/classroom building. Please be careful when in these areas, student vehicles are not allowed on the drill ground or within the fenced area around the Class A burn building. Parking is available to the rear of the admin/classroom building and to the east of the drill ground adjacent to the Hartford County classroom building.

Please register as soon as possible to ensure that you will be able to get a seat as some classes fill very fast. Applications can be faxed to 860-654-1889 if paid by credit card or department purchase order, or mailed with a check to the Training Registrar 34 Perimeter Road Windsor Locks, CT 06069. You can always stop in at the Academy to hand deliver applications.

If you are participating in hands-on classes remember to bring sport drinks to hydrate. Fresh water will be available on the training grounds each day of the school. If personal protective clothing is required it is specified in the specific course description for that class. Some classes are held off-site, you will be notified in your confirmation letter if your class will not be at the CFA.

For students who are interested in staying overnight at the Connecticut Fire Academy, lodging may be available, please contact Kara Ouellette 860-264-9231 for lodging information.

*Seating is limited for many Connecticut Fire Academy programs. Please notify the Training Registrar promptly in the event of a need to cancel your registration. Not only will your refund be processed in a timely manner, but your seat can be offered to someone on the waiting list. Students canceling at least seven days in advance of a program will receive a full refund. Please note that refunds are processed by the state Comptroller's Office and may take up to one month.*

**ADVANCED SHORING TECHNIQUES**

The advance shoring class builds on the basic shoring concepts of capturing the load and transmitting it to ground. The students will work through the process of replacing temporary (basic concept) shoring with permanent structures that would 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.

**Prerequisites: Students should have taken Collapse (basic) Shoring for Firefighters.**

**Required Equipment: need long pants, work boots, gloves, helmet and safety glasses to participate.**

<b>Course #</b>	<b>17114</b>
<b>Date:</b>	<b>Thursday &amp; Friday Oct 6th &amp; 7th</b>
<b>Time:</b>	<b>8:30am - 4:30pm</b>
<b>Fee:</b>	<b>\$150</b>

**ADVANCED URBAN LEAD CLIMBER**

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. This 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 Prerequisites: Urban lead Climber (basic)**

**Required Equipment: Helmet and gloves**

<b>Course #</b>	<b>17107</b>
<b>Date:</b>	<b>Tuesday &amp; Wednesday Oct 4th &amp; 5th</b>
<b>Time:</b>	<b>8:30am - 4:30pm</b>
<b>Fee:</b>	<b>\$350</b>

**ADVANCED VEHICLE EXTRICATION**

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. This is an advanced course and students must have a working knowledge of vehicle extrication tools and techniques.

**Required Equipment: Tech rescue or Fire PPE with eye protection. No SCBA required.**

<b>Course #</b>	<b>17110</b>
<b>Date:</b>	<b>Wednesday, Oct 5th</b>
<b>Time:</b>	<b>8:30am - 4:30pm</b>
<b>Fee:</b>	<b>\$260</b>

**BASIC RIGGING, RIGGING HARDWARE & EQUIPMENT SAFETY**

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. 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.

<b>Course #</b>	<b>17112</b>
<b>Date:</b>	<b>Thursday, Oct 6th</b>
<b>Time:</b>	<b>8:30am - 12:00pm</b>
<b>Fee:</b>	<b>\$40</b>

**BASIC WINCH AND GRIP HOIST OPERATIONS FOR THE FIRE SERVICE RESPONDER**

Rescuers need to recognize 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.

<b>Course #</b>	<b>17116</b>
<b>Date:</b>	<b>Friday, Oct 7th</b>
<b>Time:</b>	<b>8:30am - 4:30pm</b>
<b>Fee:</b>	<b>\$175</b>

**Required Equipment: Full PPE with eye protection.**

**CADET RESCUE DAY**

The Introduction To The Fire Service Program, in partnership with the Connecticut Fire Chiefs Association, is very pleased to announce our first-ever Cadet Rescue Training Day. In line with Rescue Month, this one-day, hands-on training opportunity will present junior members with the exciting chance to delve into training rotations built around various rescue disciplines. Students must be junior, cadet or explorer members of a Fire Department, be between 16 and 17 years old and bring full PPE, including safety glasses. Students should bring their own lunch, refrigerators available. The tuition for this course has generously been paid for by the Connecticut Fire Chiefs Association.

<b>Course #</b>	<b>17123</b>
<b>Date:</b>	<b>Saturday, Oct 15th</b>
<b>Time:</b>	<b>8:30am - 4:30pm</b>
<b>Fee:</b>	<b>FREE</b>

**Required Equipment: Full PPE with eye protection.**

**COLLAPSE RESCUE SHORING FOR FIREFIGHTERS**

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 to 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.

<b>Course #</b>	<b>17111</b>
<b>Date:</b>	<b>Wednesday, Oct 5th</b>
<b>Time:</b>	<b>8:30am - 4:30pm</b>
<b>Fee:</b>	<b>\$100</b>

**Required Equipment: Full PPE with eye protection.**

**HEAVY EQUIPMENT RIGGING SPECIALIST - FEMA**

The Heavy Equipment Rigging Specialist course is a 4 day – 32 hour program developed by the FEMA Instructors and subject matter experts for encompassing structural collapse training for assessing and mitigating all types of collapses in all types of buildings to facilitate rigging and crane operations. Students are exposed to theory, principle and relationships of how and why collapse events occur and how they can best be addressed for successful and safe search and rescue operations.

The training integrates elements of physics and engineering concepts and is heavily weighted toward practical applications of heavy building construction, weight calculations and configurations and the stabilization and removal of heavy objects in a safe and efficient manner. The curriculum is for advanced lifting and moving enthusiasts, takes the basics of Structural Collapse Technician and applies them to multiple story collapse, confined spaces, truss construction and stabilizing heavy weigh buildings.

**Required Equipment: Helmet, eye protection, gloves, steel toe boots, long sleeve shirt, pants, and rain gear as appropriate.**

**Course Prerequisites: Rescue Core & Rescue Technician Rope**

<b>Course #</b>	<b>17124</b>
<b>Date:</b>	<b>Monday - Thursday Oct 17th through Oct 20th</b>
<b>Time:</b>	<b>8:30am - 4:30pm</b>
<b>Fee:</b>	<b>\$1200</b>

**HEAVY VEHICLE RESCUE**

This program covers the hazards and challenges of responding to a motor vehicle accident involving heavy vehicles. The topics contained in this program include vehicle stabilization, lifting, and up-righting. This is a hands-on program working with the rescue equipment that Fire Departments carry on their Rescue Company apparatus. Heavy rigging equipment, tools such as Grip-Hoists and Vehicle Winches as well as Jacks, Struts and Air-Bags are utilized in this class. The class is instructed by experienced Rescue Company members.

**Required Equipment: Full PPE or Tech Rescue PPE with eye protection (no SCBA required).**

<b>Course #</b>	<b>17102</b>
<b>Date:</b>	<b>Monday &amp; Tuesday Oct 3rd &amp; 4th</b>
<b>Time:</b>	<b>8:30am - 4:30pm</b>
<b>Fee:</b>	<b>\$350</b>

**LADDER COMPANY 101: COMBAT DRILLS:**

This evening delivery is designed to provide students with a working refresher and some new ideas, techniques and information during three hard-hitting evolutions that cover bread-and-butter truck company fireground operations. Regardless of whether your Fire Department operates with a ladder company apparatus, truck work still needs to be performed and the goal of this class is to increase awareness, competence and confidence in truck company functions.

**Students wishing to try out their own equipment, including Thermal Imagers, ventilation saws or hand tools should feel welcome to bring these items, with the prior approval of their Chain of Command.**

**Required Equipment: Students should bring full PPE with eye protection and SCBA.**

<b>Course #</b>	<b>17127</b>
<b>Date:</b>	<b>Wednesday, Oct 12th</b>
<b>Time:</b>	<b>6:00pm - 10:00pm</b>
<b>Fee:</b>	<b>\$50</b>

**PET RESCUE AND REHABILITATION**

Shipman's Fire Equipment and The Connecticut Fire Academy Present a Free Training Class on Pet Rescue and Rehabilitation. Dr. Goldman, Veterinarian and a Canton Volunteer Firefighter along with Dr. Roasa, Team Leader of CT Region 2 Animal Response Team provide an overview of and hands on instruction with a canine in the proper use of Pet Oxygen Masks for resuscitation. The session also includes working with animals in crisis on the fireground.

<b>Course #</b>	<b>17118</b>
<b>Date:</b>	<b>Tuesday, Oct 11th</b>
<b>Time:</b>	<b>7:00pm - 9:30pm</b>
<b>Fee:</b>	<b>Free</b>

**RAPID INTERVENTION TEAMS: COMBAT DRILLS**

In Rapid Intervention Teams: Combat Drills, teams of students will be called upon to deploy and mitigate a variety of challenging, real-time MAYDAY scenarios. Following a brief review of essential RIT skills, students will be assigned into four-member Rapid Intervention Teams and assigned specific roles in line with the TEAR acronym (Team Leader, Extrication, Air Supply and Rope). A basic RIT cache of tools and equipment will be provided and teams will have access to an engine and ladder company apparatus and the equipment on board.

At the beginning of these timed and evaluated scenarios, a MAYDAY will be transmitted by a member or members in distress. A RIT Command element will be charged with managing the MAYDAY and deploying and coordinating rescue efforts. RITs will deploy to various scenarios in low to zero-visibility environments and perform rescues from different areas of the fire building. Students will have the opportunity to rotate through the various positions, including Team Leader and RIT Command staff.

After each evolution, a critique and rehab period will provide an opportunity for teams to debrief, analyze and recharge before the next deployment. An emphasis is placed on teamwork, creativity and accomplishing the mission during this physically and mentally demanding class. Students are encouraged to bring either adopted or trial RIT equipment and methods from their home Departments to try out.

**Required Equipment: Full PPE with eye protection, an SCBA with one spare cylinder, an out-of-the-box mindset and determination to succeed.**

**Course Prerequisites: Students must be certified to the Firefighter I Level and have attended formal RIT training. The winning team will receive a trophy and each member a scholarship to attend one of the 2017 Seminar Series Programs.**

<b>Course #</b>	<b>17113</b>
<b>Date:</b>	<b>Thursday, Oct 6th</b>
<b>Time:</b>	<b>8:30am - 4:30pm</b>
<b>Fee:</b>	<b>\$125</b>
	<b>OR</b>
<b>Course #</b>	<b>17125</b>
<b>Date:</b>	<b>Monday, Oct 24th</b>
<b>Time:</b>	<b>8:30am - 4:30pm</b>
<b>Fee:</b>	<b>\$125</b>



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

ID Number \_\_\_\_\_ - \_\_\_\_\_

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

As Chief of the \_\_\_\_\_ Fire Department or  
As Supervisor of the \_\_\_\_\_ Organization

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.**

**SATURDAY, OCTOBER 1, 2016**

- Course #17100 Fee \$330.00  
Urban Lead Climber

**MONDAY, OCTOBER 3, 2016**

- Course #17101 Fee \$60.00  
Structural Collapse Awareness
- Course #17102 Fee \$350.00  
Heavy Vehicle Rescue
- Course #17103 Fee \$80.00  
Tripod Operations and Rigging Considerations
- Course #17104 Fee \$60.00  
Squeeze Play: Crush Injury, Compartment Syndrome and Rhabdomyolysis

**\*Attend both Squeeze and Trauma for \$100**

- Course #17105 Fee \$60.00  
Trauma Care for High Speed Collisions: *MARCHING Like A Trauma Surgeon*

**\*Attend both Squeeze and Trauma for \$100\***

- Course #17127 Fee \$30.00  
Street Drugs

**TUESDAY, OCTOBER 4, 2016**

- Course #17107 Fee \$350.00  
Advanced Urban Lead Climber
- Course #17108 Fee \$60.00  
Surviving Technical Rescue Operations
- Course #17109 Fee \$20.00  
Civil Support Team Clandestine Labs, WMD Case Study "Soviet Yellow Rain", and Demonstration of Mobile Laboratory

**WEDNESDAY, OCTOBER 5, 2016**

- Course #17110 Fee \$260.00  
Advanced Vehicle Extrication
- Course #17111 Fee \$100.00  
Collapse Rescue Shoring for Firefighters

**THURSDAY, OCTOBER 6, 2016**

- Course #17112 Fee \$40.00  
Basic Rigging, Rigging Hardware & Equipment Safety
- Course #17113 Fee \$125.00  
RIT Combat Drills
- Course #17114 Fee \$150.00  
Advanced Shoring

**FRIDAY, OCTOBER 7, 2016**

- Course #17115 Fee \$100.00  
Rope Rescue Challenge
- Course #17116 Fee \$175.00  
Basic Winch and Grip Hoist Operations for the Fire Service Responder

**TUESDAY, OCTOBER 11, 2016**

- Course #17117 Fee \$60.00  
Wide Area Search – TEEEX
- Course #17118 FREE  
Pet Rescue and Rehabilitation – evening delivery

**2016 RESCUE WEEK AND BEYOND STUDENT APPLICATION**

**PLEASE PRINT/TYPE AND MAIL/FAX WITH PAYMENT TO:**

Last Name \_\_\_\_\_ First Name \_\_\_\_\_

Home Address \_\_\_\_\_

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. **Do not send cash in the mail.**

Check made payable to CFPC  Purchase Order # \_\_\_\_\_  VISA  Master Card

Card # \_\_\_\_\_ Card Holders Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Exp Date: \_\_\_\_\_

**WEDNESDAY, OCTOBER 12, 2016**

- Course #17127 FEE \$50.00  
Ladder Company 101: Combat Drills – evening delivery

**THURSDAY, OCTOBER 13, 2016**

- Course #17128 FEE \$40.00  
Vehicle Extrication – classroom – evening delivery

**FRIDAY, OCTOBER 14, 2016**

- Course #17119 Fee \$25.00 (AM)  
Tactical Considerations for Swift Water (classroom 4 hours)  
**\*Attend morning and afternoon for \$75.00\***
- Course #17120 Fee \$60.00 (PM)  
Tactical Considerations for Swift Water Hands On (4 hours)  
**\*Attend morning and afternoon for \$75.00\***
- Course #17121 Fee \$250.00  
Stabilization University – One day class

**SATURDAY, OCTOBER 15, 2016**

- Course #17122 Fee \$250.00  
Stabilization University – Second Delivery of One day class
- Course #17123 FREE  
generously sponsored by the CT Fire Chief Association  
Cadet Rescue Day

**OCTOBER 17 - 21, 2016**

- Course #17124 Fee \$1200.00  
Heavy Equipment and Rigging Specialist – FEMA delivery

**THURSDAY, OCTOBER 20, 2016**

- Course #17129 Fee \$60.00  
Tactical Emergency Casualty Care Response

**SATURDAY, OCTOBER 22, 2016**

- FREE - No Registration  
Fire Service College Fair

**MONDAY, OCTOBER 24, 2016**

- Course #17125 Fee \$125.00  
RIT Combat Drills

**OCTOBER 24 - 28, 2016**

- Course #17126 Fee \$500.00  
Rescue Technician Vehicle I/II



**RESCUE TECHNICIAN - VEHICLE: LEVELS I AND II**

This five day program meets the requirements of Chapter 10 levels I and II of the NFPA 1006 Standard for Technical Rescuer Professional Qualifications-2013 edition. Through classroom and practical sessions the student will plan for vehicle incidents; conduct a size-up; establish scene safety zones; control hazards; perform required stabilization; create access and egress points; disentangle victims; remove the packaged victims; and terminate the incident. Certification to this level requires a separate practical and written examination.

**Required Equipment: Full PPE with eye protection (no SCBA) required.**

**Training Prerequisite: Rescue Technician – Core (proof must be submitted with the application).**

**Certification Examination Prerequisite: Rescue Technician – Core and a minimum of EMR certification.**

**Proof must be submitted with application. Additional dates and times are required for the certification testing.**

**Required Text: Extrication Principles and Practices, IFSTA, 3rd Edition.**

<b>Course #</b>	<b>17126</b>
<b>Date:</b>	<b>Monday - Friday</b>
	<b>Oct 24th -Oct 28th</b>
<b>Time:</b>	<b>8:30am - 4:30pm</b>
<b>Fee:</b>	<b>\$500</b>

**ROPE RESCUE CHALLENGE**

This class will allow the student to problem solve and implement rope rescue objectives for a variety of high angle rope scenarios. The student will work as part of a team as the rescue operations officer, safety officer, part of the rigging team, or the rescuer. There will be a brief equipment, procedural, and safety review at the start of class. The students will be provided a list of skills needed to perform the scenarios prior to the class.

**Prerequisites: Rescue Core, Rescue Tech Ropes and Rescue Tech Confined Space.**

**Required Equipment: Full PPE with eye protection.**

<b>Course #</b>	<b>17115</b>
<b>Date:</b>	<b>Friday, Oct 7th</b>
<b>Time:</b>	<b>8:30am - 4:30pm</b>
<b>Fee:</b>	<b>\$100</b>

**SQUEEZE PLAY: CRUSH INJURY, COMPARTMENT SYNDROME AND RHABDOMYOLYSIS:**

Pinned in a car for 2 hours, trapped in a building collapse for 12, fallen on the floor for 24, immobile in a rescue harness for 10 minutes. Each of these patients may be experiencing different, but deadly aspects of crush injury, compartment syndrome, rhabdomyolysis or suspension trauma. Why are some victims of these syndromes okay under pressure, but die suddenly when rescued? Where do field amputations come into play? What protocols do you need in place to deal with them? Real-world case-studies bring this presentation to life as it answers these questions and more by bringing you evidence based best practices, model protocols, and resources that you can use to treat these high-pressure and high-profile patients.

<b>Course #</b>	<b>17104</b>
<b>Date:</b>	<b>Monday, Oct 3rd</b>
<b>Time:</b>	<b>8:30am - 4:30pm</b>
<b>Fee:</b>	<b>\$60</b>

**\*\*\*Attend Squeeze Play and MARCHing like a Trauma Surgeon for \$100.00\*\*\***

**STABILIZATION UNIVERSITY**

For the first time, Res-Q-Jack teams up with the Connecticut Fire Academy to bring this popular one day training program to Connecticut!

This Res-Q-Jack Stabilization University starts with a short brief on lifting theory, then moves outside for scenario driven, hands-on training. Instructed by Res-Q-Jack professionals, this all day event will teach you basic to advanced vehicle stabilization and lifting techniques in a variety of realistic scenarios.

**Required Equipment includes: Full PPE with eye protection.**

<b>Course #</b>	<b>17121</b>
<b>Date:</b>	<b>Friday, Oct 14th</b>
<b>Time:</b>	<b>8:30am - 4:30pm</b>
<b>Fee:</b>	<b>\$250</b>
<b>OR</b>	
<b>Course #</b>	<b>17122</b>
<b>Date:</b>	<b>Saturday, Oct 15th</b>
<b>Time:</b>	<b>8:30am - 4:30pm</b>
<b>Fee:</b>	<b>\$250</b>

**STREET DRUGS 2016**

An overview of emerging street drug trends new and old that first responders are coming in contact with. New drugs such as “Molly” and “Spice” along with “Bath Salts” will be discussed. Presented by Lt. Brian Wallace, Training Officer from West Hartford Police Tactical & Protective Medicine Branch.

<b>Course #</b>	<b>17127</b>
<b>Date:</b>	<b>Monday, Oct 3rd</b>
<b>Time:</b>	<b>1:00pm- 4:00pm</b>
<b>Fee:</b>	<b>\$30</b>

**STRUCTURAL COLLAPSE AWARENESS**

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.

<b>Course #</b>	<b>17101</b>
<b>Date:</b>	<b>Monday, Oct 3rd</b>
<b>Time:</b>	<b>8:30am - 4:30pm</b>
<b>Fee:</b>	<b>\$60</b>

**SURVIVING TECHNICAL RESCUE OPERATIONS**

Surviving technical operations 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 overview of Rope, Confined Space, Trench and Structural collapse. It addresses equipment needs, procedures and training requirements. 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.

<b>Course #</b>	<b>17108</b>
<b>Date:</b>	<b>Tuesday, Oct 4th</b>
<b>Time:</b>	<b>8:30am - 4:30pm</b>
<b>Fee:</b>	<b>\$60</b>

**TACTICAL CONSIDERATIONS FOR SWIFT WATER INCIDENTS: CLASSROOM**

Tactical Considerations for Swift Water Incidents is intended for personnel who may be expected to participate in initial rescue operations at water emergencies with an emphasis on the hazards associated with incidents involved with Swift Water. The participant will be able to recognize the presence of water hazards at a rescue incident, identify appropriate resources and protective equipment necessary to safely conduct operations, and to take appropriate initial rescue actions. The program will consist of a classroom presentation and discussion.

Class size: unlimited

**\*\*\*Attend classroom and hands on program for \$75.00\*\*\***

<b>Course #</b>	<b>17119</b>
<b>Date:</b>	<b>Friday, Oct 14th</b>
<b>Time:</b>	<b>8:30am - 12:00pm</b>
<b>Fee:</b>	<b>\$25</b>

**TACTICAL CONSIDERATIONS FOR SWIFT WATER INCIDENTS - HANDS ON**

Tactical Considerations for Swift Water Incidents is intended for personnel who may be expected to participate in initial rescue operations at water emergencies with an emphasis on the hazards associated with incidents involving with Swift Water. The participant will apply the material discussed in the classroom at a real swift water location. River Hydrology and Hazard Recognition will be the focus of this program. The participant be able to recognize the presence of water hazards at a rescue incident, identify appropriate resources and protective equipment necessary to safely conduct operations, and to take appropriate initial rescue actions. Participants will participate in a simulated rescue operation utilizing throw bags in a swift water environment. Participants must attend the morning session.

**Required Equipment: Personal Flotation Device (PFD).**

Class size: 20

**\*\*\*Attend classroom and hands on program for \$75.00\*\*\***

<b>Course #</b>	<b>17120</b>
<b>Date:</b>	<b>Friday, Oct 14th</b>
<b>Time:</b>	<b>12:30pm - 4:30pm</b>
<b>Fee:</b>	<b>\$60</b>

**TACTICAL EMERGENCY CASUALTY CARE  
RESPONSE TO CRITICAL INCIDENTS**

With the world becoming increasingly more violent are you prepared to address the potentially life threatening injuries that you, a fellow First Responder, a bystander or suspect may sustain during a critical incident? Simple, proven, lifesaving interventions can make the difference between life and death. The West Hartford Police Tactical & Protective Medicine Branch is excited to announce the TECC Response to Critical Incident Class. This one-day program at The Connecticut Fire Academy will focus on current critical incidents and teach First Responders how to deal with the injuries as well as the evacuation of the wounded. Casualty Collection Points and Rescue Task Force will also be discussed. Program delivered by Brian Wallace, Training Officer and Coordinator of the West Hartford Police Tactical & Protective Medicine Branch.

<b>Course #</b>	<b>17129</b>
<b>Date:</b>	<b>Thursday, Oct 20th</b>
<b>Time:</b>	<b>8:30am - 4:30pm</b>
<b>Fee:</b>	<b>\$60</b>

**TRAUMA CARE FOR HIGH SPEED COLLISIONS:  
MARCHING LIKE A TRAUMA SURGEON**

A sports car driving down a winding road swerves to avoid a deer and rolls over 3 times. A pickup truck traveling 70 miles an hour on the highway has crashed head-on into a bridge abutment. High-impact trauma situations present special challenges. How ready is your crew to respond? Looking at state of the art and emerging trauma care technologies this program takes the same principles taught to trauma surgeons and nurses, and makes them "ready for the field." ALS and BLS providers will learn the latest developments in multi system and multi patient trauma management to be truly prepared to care for victims of high-speed motor vehicle collisions.

<b>Course #</b>	<b>17105</b>
<b>Date:</b>	<b>Monday, Oct 3rd</b>
<b>Time:</b>	<b>10:30am - 12:30pm</b>
<b>Fee:</b>	<b>\$60</b>

**\*\*\*Attend Squeeze Play and MARCHing like a Trauma Surgeon for \$100.00\*\*\***

**TRIPOD OPERATIONS AND RIGGING  
CONSIDERATIONS**

This one day class will focus on the use of tripods in rescue operations. Usage of rescue tripods as Artificial High Directionals and other uses will be covered. Several commonly used tripods will be utilized in the practical evolutions that will be performed in this program. Rigging considerations and resultant force calculations will be discussed and practiced.

**Required Equipment: Full PPE with eye protection.**

<b>Course #</b>	<b>17103</b>
<b>Date:</b>	<b>Monday, Oct 3rd</b>
<b>Time:</b>	<b>8:30am - 4:30pm</b>
<b>Fee:</b>	<b>\$80</b>

**URBAN LEAD CLIMBER**

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.

**Required Equipment: Helmet and gloves.**

<b>Course #</b>	<b>17100</b>
<b>Date:</b>	<b>Saturday &amp; Sunday Oct 1st &amp; 2nd</b>
<b>Time:</b>	<b>8:30am - 4:30pm</b>
<b>Fee:</b>	<b>\$330</b>

**VEHICLE EXTRICATION - BUILDING YOUR EXTRICATION DISENTANGLEMENT AND EXTRICATION PATHWAY PLAN**

The goal of this class is to provide a good foundation for the principles of extrication rescue techniques with latest developments in vehicle construction in mind. We will cover several new approaches that have been necessitated by the massive developments in the area of vehicle safety construction. Vehicle design changes have radically changed both extrication techniques and equipment. Not all extrications are similar and not all tools have the same capability, therefore, not every approach will be the most effective or efficient. Building an initial extrication plan quickly and correctly becomes the primary factor in successful patient outcomes.

This class will explore how to “read the wreck”, account for the level of patient(s) entrapment, choose the best course of action and how to quickly recover when your initial plans fail to provide a suitable path of egress, and you need to put into action your secondary disentanglement plan.

<b>Course #</b>	<b>17128</b>
<b>Date:</b>	<b>Thursday, Oct 13th</b>
<b>Time:</b>	<b>6:00pm - 10:00pm</b>
<b>Fee:</b>	<b>\$40</b>

**WEAPONS OF MASS DESTRUCTION: FROM CLANDESTINE LABORATORY PROCESSES TO A GLOBAL THREAT ASSESSMENT**

This course will provide students with a global WMD threats briefing, a case study on the use of Soviet Yellow Rain and T-2 mycotoxins, as well a live display of the CT Civil Support Team (CST) Mobile Laboratory for select agent detection and the robust communications suite. The CST will go over clandestine laboratories which will also include the production of ricin; a potent and lethal neurotoxin.

<b>Course #</b>	<b>17109</b>
<b>Date:</b>	<b>Tuesday, Oct 4th</b>
<b>Time:</b>	<b>8:30am - 12:00pm</b>
<b>Fee:</b>	<b>\$20</b>

**WIDE AREA SEARCH - TEXAS A&M ENGINEERING EXTENSION SERVICE (TEEX) IN CONJUNCTION WITH THE CONNECTICUT FIRE ACADEMY**

When disaster strikes, it can be a challenge to effectively mobilize, organize, and deploy resources needed to perform wide area searches. This course is an excellent training opportunity for any jurisdiction or agency that may face such an emergency. The course content applies to a vast number of critical situations, including natural disasters or terrorist incidents.

You will be instructed in practical search methods and skills so you can perform systematic searches over a large affected area. The training will include challenging exercises that mirror real life scenarios. The three-day long event will conclude with an in-depth exercise that requires participants to utilize the skills gained during the course by working through an incident from start to finish in a single operational period.

The trainers delivering the course are knowledgeable—they are experienced emergency responders who have actively utilized wide area search techniques during some of the nation’s largest and most challenging operations, such as Hurricanes Katrina, Ike, Gustav, and Rita; the Space Shuttle Columbia recovery operation; and many other incidents that required the same comprehensive strategies.

**LUNCH INCLUDED**

It is highly recommended participants complete:

- IS-100.a, Introduction to the Incident Command System or equivalent
- IS-200.b, FEMA Incident Command System for Single Resources and Initial Action Incidents, ICS-200 or equivalent

**Required Equipment: Long sleeves and pants final day - bug spray suggested**

<b>Course #</b>	<b>17117</b>
<b>Date:</b>	<b>Tues, Wed &amp; Thurs Oct 11th, 12th &amp; 13th</b>
<b>Time:</b>	<b>8:30am - 6:00pm</b>
<b>Fee:</b>	<b>\$60</b>

**2016 FIRE SERVICE COLLEGE FAIR**

Come learn about college, training and career opportunities in the Fire, Emergency Medical Services, and Emergency Management career paths. Representatives from across the country from the following disciplines will be present: Fire Science and Technology, Paramedicine, Emergency Management, United States Armed Forces, CFA Recruit Firefighter Program, and Career FD Representatives. Who should attend? High school students and parents, Junior Firefighters & Explorers, High School Guidance Counselors, Explorer Post Advisors, Adult learners interested in Fire, EMS and Emergency Management Degree Programs, and Current Career Firefighters wishing to advance their education.

**Registration is NOT required – FREE Admission & Refreshments.**

<b>NO REGISTRATION REQUIRED</b>	
<b>Date:</b>	<b>Saturday, Oct 22nd</b>
<b>Time:</b>	<b>9:30am - 3:00pm</b>
<b>Fee:</b>	<b>FREE</b>

