



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

- 1. Situational Awareness Seminar – May 16 - Hartford**
- 2. Tactical Emergency Casualty Care (TECC) Course**
- 3. WTC Health Program: Responder Resources**
- 4. IFSTA New Releases**
- 5. Accelerated On-Line FF 1 and FF 2**
- 6. NIOSH Fire Fighter Fatality Investigation and Prevention Program Reports**
- 7. Firefighter Near Miss Report of the Week**

1. Situational Awareness Seminar – May 16 - Hartford

The CENCAP Credit Union, Hartford F.D. and Chief Reginald Freeman are sponsoring the seminar *Flawed Situational Awareness: The Stealth Killer of First Responders* featuring Ret. Chief Dr. Richard B. Gasaway. The training will be held on Tuesday, May 16, 2017 at Quirk Middle School Auditorium 85 Edwards Street in Hartford, CT and will run from 9 a.m. to 4 p.m. Cost is \$40 and includes snacks, lunch, light refreshments and a copy of Dr. Gasaway's Situational Awareness Matters book. See the attached for additional information and registration.

Register no later than 5/11/17!

2. Tactical Emergency Casualty Care (TECC) Course

Dates/Times: Saturday and Sunday, May 13 and 14 - 9:00 AM to 5:00 PM

Location: Code One East Hartford - 87 Church Street, Suite 206 - East Hartford, CT 06108

Description: Developed by NAEMT's Prehospital Trauma Life Support (PHTLS) Committee, the TECC program is based on the guidelines from the Committee on Tactical Emergency Casualty Care (Co-TECC) and the Tactical Combat Casualty Care (TCCC) program. TECC uses lessons learned from our military and applies them to the civilian world of tactical medicine. This 16-hour course covers topics designed to decrease preventable death in the tactical situation.

At the core of the TECC program are three distinct phases that have been well-proven by TCCC-trained personnel in the war against terrorism in Iraq and Afghanistan. The phases are as follows:

- Direct Threat Care – Care that is rendered while under attack or in adverse conditions.

- Indirect Threat Care – Care that is rendered while the threat has been suppressed, but may resurface at any point.
- Evacuation – Care that is rendered while the casualty is being evacuated from the incident site.
Topics include:
 - Hemorrhage control
 - Surgical airway
 - Needle decompression
 - Strategies for treating wounded responders in threatening environments
 - Caring for pediatric patients
 - Techniques for dragging and carrying victims to safety

Cost: \$325 - Includes course materials, course completion certificate, and individual first aid kit (IFAK) containing a tourniquet, bandages, and emergency supplies.

Invoicing: Fire/EMS/Police agencies can be invoiced for participants. Please have participants register with the discount code "INVOICE" and then provide invoicing instructions in their registration notes. Invoicing instructions should include the agency name, point of contact, email to send the invoice to, and PO number if it is needed on the invoice. If you have 4+ participants interested in attending, please contact Rich for a group discount (rich@code1web.com).

3. WTC Health Program: Responder Resources

NIOSH oversees programs to monitor, screen, treat, and support responders who who may have been affected physically or mentally by their service at the 9/11 disaster sites in New York City, the Pentagon in Arlington, VA, and the Shanksville crash site in Shanksville, PA. Until now, responders in New York have been covered by the Medical Monitoring and Treatment Program, which did not include the emergency responders, and the recovery and cleanup workers and volunteers who were directly involved in the Pentagon and Shanksville sites. All three groups are now covered by the World Trade Center Health Program. To apply in the WTC Health Program, please go to the [How to Apply to the Program](#) page and download the form that applies to you. Finish your form, and make copies of the documents requested on the forms (or write the documentation report described on the form if you can't get the documents). Mail or fax the form and copies of your documents or report to this address:

WTC Health Program

P.O. Box 7001
Rensselaer, NY 12144
Fax number: 1-877-646-5308

If you have questions about completing the forms or submitting them, please call us at 1-888-982-4748 (1-888-WTC-HP4U).

If you are unable to download the form, you may ask for a paper copy to be mailed to you. To request a paper copy, please call us at 1-888-982-4748 (1-888-WTC-HP4U) .

4. IFSTA NEW RELEASES

Hazardous Materials for First Responders, Fifth Edition is designed to train first responders to the Awareness and Operations level certification requirements of NFPA 1072, *Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications, 2017 Edition*. Additionally, it addresses the control of hazardous material releases and WMDs using operations for which the responders have been trained. The focus is detailed information about hazardous materials initial operations. **PLEASE NOTE: THE DATE AFTER WHICH THE FOURTH EDITION OF THIS TITLE WILL NO LONGER BE AVAILABLE HAS YET TO BE ANNOUNCED.**

Structural Fire Fighting: Initial Response strategies and Tactics, Second Edition provides strategy and tactics for the career or volunteer incident commander arriving at structure fire incidents. Included are the fire dynamics content and latest research on fire behavior from UL and NIST, with all new photographs and drawings that illustrate these new fire science concepts. The manual meets the requirements of the FESHE course outcomes for the Associates level course, “Strategies and Tactics” and also broadens the knowledge of the strategy and tactics JPR’s in NFPA 1021, *Standard for Fire Officer Professional Qualifications*. **PLEASE NOTE: THE FIRST EDITION OF THIS TITLE WILL NO LONGER BE AVAILABLE AFTER 07/12/2017.**

Principles of Vehicle Extrication, Fourth Edition meets the requirements set forth in NFPA 1006, *Standard for Technical Rescuer Professional Qualifications, 2017 Edition*, Chapter 8, Vehicle Rescue. The new edition is organized like the standard and separates rescuer skills into Awareness, Operations and Technician levels with a new addition of 59 Skill Sheets to support the technical skills needed to perform extrication operations. The information contained in this manual is appropriate for firefighters, law enforcement officers, EMS personnel, industrial emergency responders, military first responders, and other rescue personnel. **PLEASE NOTE: THE FIRST EDITION OF THIS TITLE WILL NO LONGER BE AVAILABLE AFTER 06/23/2017.**

A review of these new editions will help fire departments determine how to utilize these updated titles when compiling promotional exam lists. Images of these new releases are attached.

Please contact Pam or Karen at the bookstore for further information or questions: 860-627-6363, ext. 271 or 244.

5. Accelerated On-Line FF 1 and FF 2

The Burrville Fire School announces their on-line accelerated classes for this summer. These are fast moving, demanding courses of study/practice. You are expected to make *all* of the classes. You must be a self-motivated student who is comfortable with on-line learning.

Mandatory orientation will be at 6 PM on May 15th at the Bantam Fire Company in Bantam.

Firefighter 1 will begin on May 16th at the Bantam Fire Company. It will run on Monday & Wednesday nights from 6 PM to 10 PM. It is approximately 3-months in length. The state practical exam will be on August 5th. The cost is \$1,050 and includes the course text.

Firefighter 2 will begin on May 17th at the South End VFD (Nepaug) in New Hartford. It will then run on Tuesday and Thursday nights from 6 PM to 10 PM. It is approximately 2-months in length. The state practical will be on July 8th. The cost is \$850. This does not include a text (which can be purchased separately). The text is available to all as an on-line e-book and downloadable audio book.

For more information, contact Richard Marcus at 860-307-2267 or richardmarcus@earthlink.net
An application is attached.

6. NIOSH Fire Fighter Fatality Investigation and Prevention Program Reports

[Career Female Fire Fighter Dies after Becoming Lost and Running Out of Air in a Residential Structure Fire—Pennsylvania](#)

A female career fire fighter/EMT died after becoming lost and running out of air in a structure fire. The fire fighter/EMT was the third fire fighter on a hoseline crew attacking the fire when the fire overran their position. A fire fighter and the officer escaped, but the fire fighter/EMT was trapped and radioed a Mayday. Due to the fire conditions, her buddy breather hose burned through and she lost her available air supply and died.

[Fire Fighter Suffers Heart Attack after Participating in a Parade—New York](#)

A volunteer fire fighter responded to a fire at an assisted living facility. On arrival, he found the fire had been extinguished. He departed to a neighboring town and marched approximately 1 mile in a parade. Approximately 90 minutes after completing the parade, the fire fighter became unresponsive. The fire fighter was transported to the hospital and died.

[Fire Boat Captain Suffers Sudden Cardiac Death after Winterizing Fire Boat—Michigan](#)

A seasonal career fire boat captain began his 24-hour shift. He piloted the fire department's fire boat to its slip at the nearby U.S. Coast Guard station. For about 2 hours, the captain and a crewmember winterized the boat. He then gave a tour of the boat. After returning, the captain took a nap. About 4 hours later, crewmembers found the captain unresponsive. The captain was transported to the hospital and pronounced dead.

7. Firefighter Near Miss Report of the Week

[Firefighter Has Smoke Inhalation After Lack of PPE](#)

Summary

In this report, the importance of firefighters wearing their personal SCBAs when working on the fireground is highlighted several times. Furthermore, the importance of an established rehab group and division is necessary when there are going to be multiple, extended operational periods.

Event Description

A crew of firefighters responded to a reported structure fire and found themselves tasked with multiple duties on scene. One individual was assigned multiple assignments and carried them out but forgot the one crucial piece of equipment that allows firefighters to work and survive an IDLH atmosphere—his SCBA.

Once things calmed down on the fire scene, the firefighter was observed by paramedics as having soot all over his face and was immediately evaluated on scene. The firefighter's vitals were abnormal and the decision was made to put him into rehab. That decision was made without a designated rehab group or division in place.

View the Report: [Lack of SCBA results in smoke inhalation](#)

Take-Aways

With advancements in technology, research and the science of what's actually in ionized smoke in today's structure fires, no firefighter should ever engage in an active firefight without all of their PPE and SCBA in place. Fires in this generation burn hotter and are more toxic than the fire service has ever encountered, which should be an automatic indicator to incident commanders to establish a rehab group or division early in the incident. That combined with an effective command and control system to track accurate accountability and work times is one of many cornerstones to safe operations on the fireground.

Knowing our limitations and acknowledging them should not lead to us being looked down upon as being weak firefighters. In fact, those commanders and firefighters are demonstrating courageous self-leadership that's necessary to ensure everyone comes home safely.

The particles in air that firefighters are exposed to on the fireground can be lethal within 15 feet of an involved building. Taking the time to don your SCBA will pay dividends at the end of your career.

Discussion

- Does your fire department have a mandatory SCBA policy on all working structure fires?
- Does your department have an NFPA 1584 rehab policy that mandates rest times for firefighters?
- When was the last time your department did training on the hazards associated with smoke and the byproducts of combustion from structure fires?
- Is your department's initial response to a structure fire efficient enough to sustain multiple operational periods with defined rest times for your firefighters?

Leading Practices

Leadership is necessary, from the chief of the department all the way to the newest firefighter, to keep firefighters safe by choosing to wear all of your PPE and SCBA on every fire, regardless of your location on the fireground.

There's not one firefighter out there who's going to be outworked, and without a designated policy for rehab, they'll continue to work themselves to the point of no return. In the North American fire service, we have the unique problem of having members who want to work hard and need minimal instruction to carry out their

duties. We owe it to each other to ensure that policies are developed and implemented to avert what happened in this report.

Related Near Miss Reports

- [Lack of PPE Causes FF to Get Injured](#)
- [Crew Enters IDLH Atmosphere Without SCBA](#)
- [Lack of Rehabilitation Group Leads to Heat Stress](#)

Additional Resources

- [FireEngineering.com: Drill of the Week – PPE Donning](#)
- [EHSToday.com Article: Respiratory Protection - In Harm's Way: Firefighters and Their Toxic Profession](#)
- [FireRescue1.com Article: Why Not Using SCBA Will Kill Firefighters](#)

PLEASE DO NOT REPLY TO THIS EMAIL

Fire Training School Torrington (Burrville State Fire School)

P.O. Box 335
Pleasant Valley, CT 06063

Chairman Tom Osborne
Director Richard T. Winn
Asst. Director John B. Field Jr.

Course Application

Name: _____ Date of Application: _____

Course Name: _____ Course Fee: _____

Student ID: _____

(First 3 Initials of last name and last 4 numbers of social security number)

(Example: Joe Smith; SS# 123-45-6789: ID would be SMI-6789)

Home Address: _____

City/Town: _____ State: _____ Zip Code: _____

Phone: (Home) _____ (Work) _____

(Cell) _____ E-Mail: _____

Are you at least 18 Years of Age? Yes No

Firefighter I & II applicants **must** be at least 18 years of age

Applicants Signature

As Chief of the _____ Fire Department, I hereby authorize the above applicant to participate in the Firefighter I or II program and therefore understand that the above named individual will be covered by my department's worker's compensation insurance while participating in such training and that the Burrville State Fire School, its' officers', Instructors', Agents' or Employees' shall not be liable for any injuries sustained during such training. The applicant is considered by my department's standards to be physically and emotionally fit to perform firefighting evolutions without special considerations, and where applicable, to meet the 29 CFR 1910.134 standard for the use of respirators (Self Contained Breathing Apparatus).

Chief's Signature

Date

Purchase Order #

Authorized Billing Signature

***Please include a copy of the medical clearance for Firefighter I and II courses.

(Please complete both sides)

Fire Training School Torrington (Burrville State Fire School)

P.O. Box 335
Pleasant Valley, CT 06063

DOB: _____

Emergency Contact: _____ Phone #: _____

Department Representing: _____

Company/Unit: _____ Town: _____

Circle One: Career Volunteer

Date Entered Fire Service: _____ Rank: _____

Fire Chief's Name: _____ Phone #: _____

Email Address: _____

Training Officer's Name: _____ Phone #: _____

Email Address: _____

Fire Department Mailing Address: _____

I _____ authorize the Burrville State Fire School
to release my training records for the _____ course in which I am enrolled to
_____.

Signed: _____ Dated: _____

(Please complete both sides)

HAZARDOUS MATERIALS FOR FIRST RESPONDERS

FIFTH EDITION



A NONPROFIT EDUCATIONAL ASSOCIATION ORGANIZED TO DEVELOP TRAINING MATERIALS FOR THE FIRE SERVICE

PRINCIPLES OF VEHICLE EXTRICATION

FOURTH EDITION



A NONPROFIT EDUCATIONAL ASSOCIATION ORGANIZED TO DEVELOP TRAINING MATERIALS FOR THE FIRE SERVICE

TRAINING OPPORUNITY



Tuesday, May 16, 2017: 9:00am – 4:00pm

Fire Chief (ret.) Richard B. Gasaway presenting:

Flawed Situational Awareness: The stealth killer of first responders

Situational awareness is one of the leading contributing factors for near-miss and line-of-duty deaths among first responders operating at emergency scenes. While organizations have worked to improve policies and procedures, equipment and training, the number of responder casualties has remained virtually unchanged.

If we are going to reduce responder casualty incidents, we must first improve our ability to develop and maintain situational awareness under stress. This program provides the attendee with a thorough understanding of situational awareness - what it is, how challenging it can be to develop and how easy it can erode.

- Location:** Quirk Middle School Auditorium
85 Edwards Street, Hartford, CT 06120
- Sponsor:** CENCAP Credit Union
- Host:** Hartford Fire Department (Fire Chief Reginald Freeman)
- Cost:** **\$40**
- Includes:** Lunch, snacks, light refreshments and a copy of Dr. Richard Gasaway's Situational Awareness Matters book
- To Register:** Contact Deputy Fire Chief William Kerr
BY NO LATER THAN 5/11/17
(860) 757-4562
Kerrw001@hartford.gov

Presenter Biography



Richard B. Gasaway worked as a first responder in three public safety organizations including serving 22 years as a fire chief. After completing his distinguished 30-year career, Dr. Gasaway founded Situational Awareness Matters!, a consulting and teaching organization dedicated to improving how individuals, teams and organizations develop situational awareness as a foundation for improving workplace and personal safety. His company website (SAMatters.com) has been visited by more than four million people from 156 countries.

As a professional speaker and author, Dr. Gasaway has contributed to more than 400 books, book chapters and journal articles on topics related to leadership, safety, situational awareness and high consequence decision making. His best selling books, Situational Awareness Matters Volumes 1, 2 & 3, Situational Awareness for Emergency Response, and Fireground Command Decision Making, serve as essential guides for helping individuals and teams develop and maintain situational awareness while making high-stress, high-consequence decisions.

Dr. Gasaway has earned the Certified Speaking Professional designation – the highest honor awarded by the National Speakers Association. His high-energy, humor filled presentations are chocked full of valuable, actionable takeaways – as proven by his 2,500+ program and keynote address invitations throughout the United States, Canada, The United Kingdom, Hong Kong and Australia.



Dr. Gasaway is a big proponent of "Paying it forward" and gives back by serving as the Chancellor for the International Society of Fire Service Instructors (ISFSI) credentialing program and a peer evaluator for the Center for Public Safety Excellence (CPSE) Credentialing program.

STRUCTURAL FIRE FIGHTING: INITIAL RESPONSE STRATEGY and TACTICS

SECOND EDITION



IFSTA
INTERNATIONAL FIRE SERVICE TRAINING ASSOCIATION

A NONPROFIT EDUCATIONAL ASSOCIATION ORGANIZED TO DEVELOP TRAINING MATERIALS FOR THE FIRE SERVICE