

# Connecticut Fire Academy

## Winter Fire School February 21<sup>st</sup> 22<sup>nd</sup> & 23<sup>rd</sup>, 2025



CONNECTICUT FIRE ACADEMY



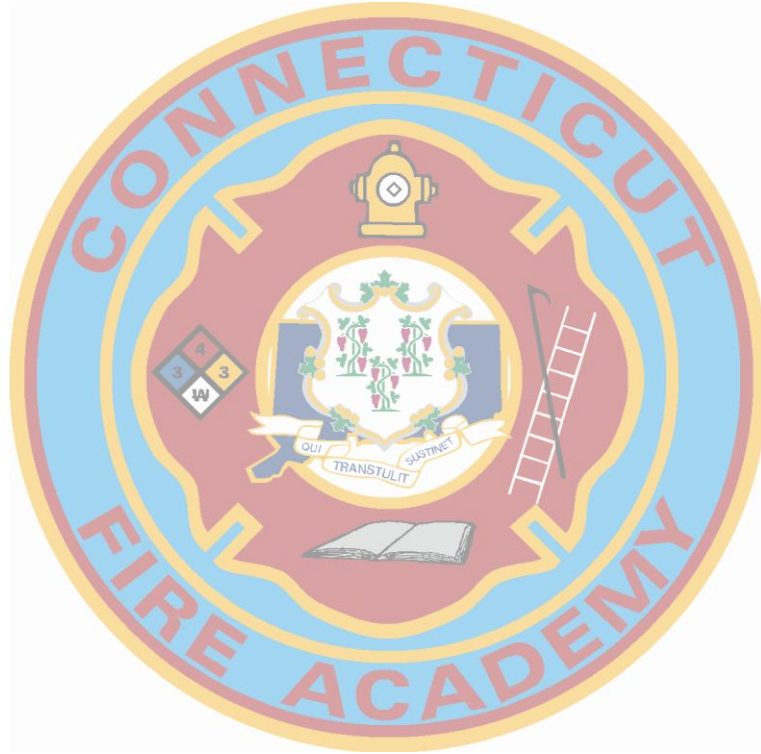
STATE OF CONNECTICUT

FIREFIGHTER MEMORIAL

- IV
- V
- VI
- VII
- CHARLES E. HAY 02/27/1987 HARTFORD
  - ROBERT D. McLELLAN 01/27/1976 NEW HAVEN
  - KEVIN COLLINS 04/11/1942 TORRINGTON
  - OSCAR W. SPARK 01/29/1950 STAMFORD
  - DEBORAH COLLINS 01/03/1981 HARTFORD
  - TOMMIE J. BUCHHEIM 04/13/1980 NEW HAVEN
  - MICHAEL A. CAMPION 05/24/1990 NEW HAVEN
  - RODRIGUEZ ZOU 05/10/1948 WATERBURY
  - CHARLES HANSELL 12/16/1948 WESTPORT
  - ROBERT LEE 04/13/1928 HARTFORD
  - WILLIAM DOUGHERTY 04/11/1911 BRANFORD
  - JOSEPH F. ARCH 03/06/1974 EAST HADDAM
  - JAMES T. HERRINGHAM 06/16/1983 NEW HAVEN
  - ROBERT A. CAMPION 03/13/2004 PRINCETON
  - JUSTIN BUCHHEIM 04/03/2005 SOUTHINGTON
  - ERNEST QUIGLEY 05/17/1900 HARTFORD
  - WALTER P. HONEY 07/12/1899 NEW HAVEN
  - JOHN J. O'REILLY 03/24/1923 WATERBURY
  - JOSEPH ROBERTSON 05/11/1940 HARTFORD
  - FREDERICK COPPARRANCO 11/26/1924 NEW HAVEN
  - ARTHUR E. BRATTON, JR. 04/15/1940 BRIDGEPORT
  - THOMAS F. BURKS 10/09/1943 EAST HARTFORD
  - FRANCIS E. BURKS 01/27/1984 EAST HARTFORD
  - GEORGE L. HUNT, SR. 11/20/1958 WALLINGBORO
  - WILLIAM J. WILLOW 12/05/1946 NEW HAVEN
  - EDWARD WILKIN 08/06/1973 HARTFORD
  - ERNEST A. KOELLE 03/10/1943 NEW HAVEN
  - JOHN COCCINS 02/21/1973 WATERBURY
  - MICHAEL C. MALINCORICO 01/01/1965 WEST HAVEN
  - EARL L. NELSON 08/03/1951 MERIDEN
  - ARTHUR W. MCCORMACK 11/10/1963 DANBURY
  - JOSEPH S. PACCANO, JR. 11/03/2006 MIDDLETOWN
  - GARY REMLING 04/25/2008 STAMFORD
  - NICHOLAS T. BUREDDA W.
  - DANIEL LINDBERG W.
  - CLYFORD P. TERRY W.
  - WILLIAM KEITH W.
  - BOLAND R. PETT W.
  - MICHAEL HICK W.
  - DEVAL SPERRY W.
  - TERENCE L. BURTON W.
  - RICHARD C. BURTON W.
  - ERNEST HARRIS W.
  - THOMAS W. JOHNSON W.
  - CURTIS MEE W.
  - CELANIA W. W.
  - THOMAS W. W.
  - WILLIAM W.
  - DANIEL W.
  - THOMAS W.



# Connecticut Fire Academy Winter Fire School





## Connecticut Fire Academy Winter Fire School



### **WELCOME**

On behalf of the instructors and staff at the Connecticut Fire Academy, it is a pleasure to invite you to the 2025 Winter Fire School. This annual event highlights some of the finest fire service instructors in Connecticut and celebrates the Academy's commitment to delivering top-tier training to our fire service community.

This special three-day event offers a wide array of courses tailored to every rank and level—from rookie firefighters to chiefs—showcasing our tradition of high-quality, impactful training. Our dedicated full-time staff and accomplished adjunct instructors bring a wealth of experience and expertise, ensuring that each session meets the evolving needs of Connecticut's fire service.

Join us for this exceptional training experience as we celebrate excellence in fire service education and our ongoing dedication to advancing the profession. We look forward to welcoming you to this event and thank you for your continued support.

Sincerely,

*Paul J. Norwood*

P.J. Norwood  
Director of Training



## Connecticut Fire Academy Winter Fire School



### CFA Online Acadis Portal Account Creation

If you have not previously set up an account your first step will be to create an account which provides portal access which is necessary to register for classes, print certificates or download your transcript.

***[If you already have an account skip to the next page](#)***

#### **Create an Account:**

Note: The Acadis portal is best used in CHROME. Using Microsoft Edge requires the browser to be fully updated. If using a web-filtering product you must add ACADIS to your products safe list

1. Go to <https://cfa.acadisonline.com/AcadisViewer/Login.aspx>
2. Turn off the pop-up blocker
3. Click on **WebForms** on the right-hand side of the page
4. Click on **Request a CFA User Portal Account**
5. Fill out the form, then click **Submit** in the lower right corner of the page
6. You will receive an email indicating that your submission has been received
7. Please allow two business days while our staff reviews and processes your request

\*Note: You cannot register for a class until your User Portal Account has been approved!

8. Watch for another email with the link you will need to access your new Acadis Portal account
9. Once you receive your account you will be able to register for classes

**IMPORTANT NOTE:** If you experience any issues, please email: [cfa-support@ct.gov](mailto:cfa-support@ct.gov)



## Connecticut Fire Academy Winter Fire School



### CFA Online Acadis Course Registration

#### **Register for Courses:**

1. Sign into your ACADIS Portal account
2. Under “Training and Events” click on “**Available Training**”
3. You will now be on the Registration page and see ALL available training
4. Click on the “**Filters**” tab on the right top of the page
5. In the next window that opens, click on the pull down for the field labeled “**Program Category**”
6. In the window that opens, scroll through the list, and choose **Training**
7. Then use, the program “**General**” to see the courses in the program
8. Click **Apply** for the results
9. Locate the class you would like to register for and click on the “**Register**” tab
10. Fill out all the Prerequisites and choose **This requirement has been met or exceeded** and click **Save**.
11. Click on the blue “Submit Request” to finish your registration

#### **IMPORTANT NOTE:**

If you experience any issues, please email: **cfa-support@ct.gov**



## Connecticut Fire Academy Winter Fire School



### Course Schedule

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- Command of Special Operations Incidents: Not Holding the Hammer 13
- Firefighter Cancer Awareness and Prevention 23
- Living the Assessment Center 30
- Officering 101-Daily Challenges that Fire Officers are Facing and Steps to Deal with Them 36

#### **Friday February 21, 2025, 10:30 a.m. to 12:30** **Page #**

- Fire Communications 20
- Coping with Complacency in the Current Fire Service 15
- Out of Chaos Comes Control: Identifying Common Fireground Errors and Solutions 37

#### **Four Hour Offerings**

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- Media and Content Creation for the Fire Service 33
- Pump Operations – Virtual Pump Simulator 39



# Connecticut Fire Academy Winter Fire School



## Course Schedule

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- Emerging Combination FD Roundtable 18
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- Managing Major Disasters 32
- Timeless (and Timely) Tactical Tips 47

### **Saturday February 22, 2025, 10:00 a.m. to 12:00 p.m.** **Page #**

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- It's All About Leadership 29
- Multiagency/Multijurisdictional Planning, Preparation & Response 35
- Recruitment and Retention in Today's 2025 Connecticut EMS and Fire Service 40
- Truth and Tactics 49

### **Four Hour Offerings**

### **Saturday February 22, 2025, 8:00 a.m. to 12:00 p.m.** **Page #**

- Fire Dynamics – Understanding the Flow Path in Ventilation Limited Fires 21
- Introduction to the Arizona Vortex 28
- Pump Operations – Virtual Pump Simulator 39
- Stupid Meter, Smart User! 44
- Tricks of the Trade for Ground Ladders 48

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# Connecticut Fire Academy Winter Fire School



## Course Schedule

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### Page #

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- Fire Scene Preservation & Evidence Recognition 22
- From Leadership to Leaderships, Life's lessons on How to Grow from a Leader of Individuals to a Successful Strategic Leader of an Organization. 25
- Instructor Rehab! Getting Back to Basics 27
- Recruitment - Why is it a Priority? 42

### Sunday February 23, 2025, 10:30 a.m. to 12:30

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- Batteries, EV, Micro mobility for the Fire Service 11
- CT US&R – An Overview of this Valuable Resource for your Department 16
- Fatal Collision Investigations for the Fire Service 19
- Recruitment Roundtable - Case Studies and Considerations for Boosting Volunteer Membership 41
- The Firefighter's Journey: Navigating a Lifelong Career in the Fire Service 46

### **Four Hour Offerings**

### Sunday February 23, 2025, 8:00 a.m. to 12:00 p.m.

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- Pump Operations – Virtual Pump Simulator 39
- Promotion Prep - Skills to Help you achieve your promotion 38
- Statewide Honor Guard Overview & Implementing an HG Unit in your Department 43
- The Effective Stretch, Location and Water 45





## Connecticut Fire Academy Winter Fire School



### An Elevator Rescue Near Miss - Sometimes Killing the Power is Just Not Enough!

**Instructor:** Michael Dragonetti

**Description:** This course explores a real-life near-miss incident involving an elevator rescue, providing critical insights and actionable lessons for emergency responders. The instructor will recount a high-stakes event where an elevator unexpectedly fell to the pit during a top-access hatch removal, with 16 individuals trapped inside. The incident placed the instructor and crew in immediate danger, including one firefighter narrowly escaping, and highlights the unpredictable challenges of elevator rescues.

Participants will gain a comprehensive understanding of the risks associated with elevator operations and learn multiple techniques to prevent unexpected elevator movement during rescues. Through a detailed examination of this event, attendees will explore safety measures, operational strategies, and best practices to enhance crew and victim safety. This lecture is essential for any firefighter or emergency responder seeking to improve their knowledge and preparedness in elevator rescue scenarios.

**Instructor Bio:** Michael Dragonetti is a recently retired firefighter of the Stamford (CT) Fire Department, after 28 years of service. For 20 of those years, he was assigned to Rescue Co. 1. He is a nationally recognized fire service instructor and has presented courses in elevator operations at the Fire Department of New York (FDNY) Technical Rescue School (2002-2005). He is a H.O.T. instructor at FDIC International, a contributing author for Fire Engineering Magazine and has appeared in 3 seasons of Training Minutes videos. Prior to developing and teaching "Elevator Emergency Management" in 1999, he had extensive experience in the New York City metropolitan area constructing, modernizing, maintaining, and repairing elevators and escalators with one of the largest elevator companies in the world. He is the founder and president of Dragon Rescue Management, a technical rescue training company.

**Location:** Connecticut Fire Academy

**Class Date:** Saturday February 22, 2025

**Class Hours:** 8:00 a.m. to 10:00 a.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Back to Basics:

#### A Guide for Successful Company Officer Level and Department Training Programs

**Instructor:** Mike Clark

**Description:** This class focuses on developing effective hands-on training programs for fire departments, tailored for both career and volunteer Company Officers and Training Officers. It emphasizes conducting on-duty drills or drill-night training, offering practical strategies for delivering impactful training sessions.

Participants will learn how to build training props on a budget, gain buy-in from members, and meet annual OSHA training benchmarks. Topics include preparing and organizing drills, utilizing experienced firefighters to assist with delivery, and progressing from basic skills to full-scale drills. The class also addresses preventing training scars by building confidence through skill mastery, ensuring alignment with department SOPs and SOGs, and leveraging opportunities like acquired structure training.

The session explores mentoring programs for probationary firefighters, as well as targeted training for drivers and officers. Examples of effective drills and cost-efficient training props will be provided, emphasizing a "back to basics" approach as a foundation for advanced skills.

The ultimate goal is to make training meaningful, enjoyable, and relevant, fostering high morale, strong departmental pride, and cohesive teams prepared for real-world emergencies. Attendees will leave with actionable strategies to elevate their department's training programs and enhance operational readiness.

**Instructor Bio:** Clark began his fire service career in 1994 as a volunteer firefighter with the Rockville Volunteer Fire Department in Montgomery County, Maryland. He completed the County Fire Academy, earning Firefighter III certification and specializing in Truck Company Operations. He also holds an Associate Degree in Municipal and Public Fire Protection from Montgomery College. In 1997, Clark joined the Durham (NC) Fire Department, serving six years as a firefighter and later promoting to Technician (Driver/Operator). Since 2003, Clark has been a member of the Meriden (CT) Fire Department, where he currently serves as Captain of Truck Company 1, which also operates as the City's Rescue Company. Certified as Fire Officer II, ISO, and Instructor III, he has trained numerous probationary firefighters, mentored new company officers, and consistently supported department and company-level training.

Clark is also a member of the Prospect Fire Department and an instructor at the Connecticut Fire Academy. A fire service instructor since 1998, he previously taught at the Wolcott Fire School for 10 years.

**Location:** Connecticut Fire Academy

**Class Date:** Sunday February 23, 2025

**Class Hours:** 10:30 a.m. to 12:30 p.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Batteries, EV, Micro mobility for the Fire Service

**Instructor:** Bob Duval

**Description:** The purpose of the program will be to review the functioning and associated hazards presented by lithium-ion batteries in use in society today. These include household products, micro mobility devices, electric vehicles, and battery energy storage systems. The first portion of the program will review recent incidents involving thermal runaway and other malfunctioning devices and how the fire service was or may be impacted by these incidents. The second portion of the program reviews recent incidents involving BESS and the fire service impacts from these events. The third (final) portion of the program will review NFPA 855 and the requirements therein and how these requirements will make BESS installations more standardized, utilizing the latest technology and safety designs. Throughout the program, fire investigators/inspectors will be shown how these battery technologies impact fires, their aftermath and how their investigations/inspections will be affected.

With battery fires occurring each day around the world, becoming familiar with this technology is vitally important to the fire service and fire protection communities.

**Instructor Bio:** Robert has been the Fire Investigator for the NFPA (National Fire Protection Association), which is based in Quincy, Massachusetts, since 1997. Robert is responsible for conducting investigations of technically significant incidents in order to gather, “Lessons Learned” from each incident to apply those lessons to improving NFPA codes and standards. The investigation of these incidents includes documenting the emergency services response, the structure(s) involved as well as the events leading up to and following the incident. Robert was named the New England Regional Manager for NFPA in 2003. His region expanded in 2018 to include NY and NJ and is now referred to as the Northeast Region. As Regional Director, Robert is responsible for outreach within the northeast states regarding code adoptions, and training. He also serves as a point of contact for stakeholders in the NFPA process, including the fire service, engineering, and safety professionals. Robert has served as the Chief of the Atwood Hose Fire Company in his hometown of Wauregan, CT, where he has been a member since 1981, He has worked as an emergency services dispatcher in a regional fire department dispatch center in northeastern Connecticut since 1986. He also serves on the instructional staff of the Eastern CT Fire Training School.

**Location:** Connecticut Fire Academy

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**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Below Grade Fires and the Incident Commander

**Instructor:** James York

**Description:** This class will focus on issues related to Below Grade Fires (basements/sloping grade structures) specific to the incident commander. This presentation will include background information related to the latest FSRI research related to basement/below grade fires. Also, LODD case studies related to these types of fires will be reviewed including Bricelyn St in Pittsburgh PA, San Francisco FD Berkley Way fire, and Frederick County MD (Cpt. S. Laird). Size-up considerations will be discussed from a Command Level perspective as well as the tactics that should be employed. It is the intent to make this presentation pertinent to a wide audience of fire officers so that this information can be applied no matter what type of structure is faced or the manpower/resources available.

**Instructor Bio:** James York is a 26-year fire service veteran currently serving as a Deputy Chief with the Hartford Fire Department assigned as one of four Tour Commanders. He is also a fire marshal in his hometown and serves as an adjunct instructor at the Connecticut Fire Academy. He holds a M.S. degree in Fire Science from the University of New Haven and a Master's in Public Administration from UCONN. James has been actively involved in the latest training from the Fire Safety Research Institute (FSRI) including the Fire Dynamics Instructor Development Program.

**Location:** Connecticut Fire Academy

**Class Date:** Friday February 21, 2025

**Class Hours:** 8:00 a.m. to 10:00 a.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Command of Special Operations Incidents:

#### Not Holding the Hammer

**Instructor:** Chris Zak

**Description:** “Command of Special Operations Incidents: Not Holding the Hammer” delves into the intricate and dynamic world of special operations leadership, offering insights and strategies for those in charge of complex and high-risk, low frequency situations. This 90-minute session is designed to equip leaders with the essential tools and techniques needed to manage operations successfully without being directly engaged in the hands-on aspects of the mission.

Drawing on the theories and principles of Navy Admiral Hyman Rickover and Air Force Colonel John Boyd, the course imparts skills that enable first responders and command officers, to manage special operations incidents effectively.

Whether you are a seasoned command officer or an emerging leader in the field of special operations, this session promises to enhance your leadership capabilities, preparing you to face the complexities of modern operational environments with confidence and competence.

**Instructor Bio:** Christopher D. Zak has over 35 years dedication to the Emergency Services. He brings a wealth of experience to fire service conversations and operations. Having recently retired as a Battalion Chief in Milford, Connecticut, he embarked on a journey to the Charleston Metro (SC) area, driven by a quest for new opportunities in a training chief position, and found his way there with a Google search. He is currently the Assistant Chief (Chief of Operations) of the City of Hanahan Fire Department and the Vice President of the Charleston Area Training Officers Association (CATOA). His current mission revolves around leading, building, educating, and elevating the dedicated members of the Hanahan Fire Department.

**Location:** Connecticut Fire Academy

**Class Date:** Friday February 21, 2025

**Class Hours:** 8:00 a.m. to 10:00 a.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Company Officer Bootcamp

**Instructor:** Mark Waters

**Description:** This course will focus on the roles, responsibilities, and challenges of being a company officer. The course will include background information on leadership, positive discipline techniques, first due strategy and tactics, and will conclude with scenarios.

**Instructor Bio:** CFA Program Planner/ Adjunct Instructor for Fire Officer Programs. City of New London Deputy Fire Chief.

**Location:** Connecticut Fire Academy

**Class Date:** Saturday February 22, 2025

**Class Hours:** 10:30 a.m. to 12:30 p.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Coping with Complacency in the Current Day Fire Service

**Instructor:** Stephen Pendl

**Description:** This course is designed for new and aspiring officers to understand how to leverage their department's mission and values as a foundation for consistent leadership and unwavering commitment. By aligning daily decisions, actions, and team interactions with core departmental principles, officers can cultivate a cohesive work environment and reinforce a shared purpose within their teams. Participants will learn strategies for effectively communicating the mission and values, using them as guiding standards to navigate challenges, motivate personnel, and maintain high levels of service and accountability. This approach promotes a unified culture where every member is dedicated to upholding the department's mission and values.

**Instructor Bio:** Chief Stephen Pendl has served 38 years in the Fire Service between New York and Connecticut. He has held the position of Fire District Administrator for 8 years, a career Chief for 11 years and a Senior Risk Manager Specialist for 6 years and an Emergency Management Director for 2 years. Currently, he is serving as the Department Chief for the General Dynamics Electric Boat facility in Quonset Point, Rhode Island. Connecticut State Fire Instructor, former POST Connecticut State Police Academy Instructor, Task Force Leader for the Connecticut US&R Team- Task Force #1 and is currently serving as the Safety and Training Officer in his hometown department of East Berlin Connecticut.

**Location:** Connecticut Fire Academy

**Class Date:** Friday February 21, 2025

**Class Hours:** 10:30 a.m. to 12:30 p.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### CT US&R – An Overview of this Valuable Resource for your Department

**Instructor:** John Hartenbaum and Stephen Pendl

**Description:** This course provides an introduction to Connecticut's Urban Search and Rescue (CT US&R) Task Force, highlighting how it can serve as a vital resource for fire departments and emergency responders. Attendees will gain insight into the specialized tools, equipment, and capabilities of CT US&R, including structural collapse rescue, confined space operations, and technical search and rescue techniques.

Learn how this elite team can support your community during large-scale incidents such as building collapses, natural disasters, and complex rescues. The course will cover deployment procedures, how to request assistance, and the benefits of collaboration between local responders and CT US&R.

By the end of the session, participants will understand how CT US&R can enhance response efforts, strengthen rescue operations, and provide critical support during emergencies.

**Instructor Bio:** Jonathan Hartenbaum serves as the Operations and Logistics Manager for DESPP/DEMHS, supporting statewide emergency response efforts.

Stephen Pendl has dedicated 38 years to the fire service across New York and Connecticut. He has served as a Fire District Administrator, Career Chief, Senior Risk Manager Specialist, and Emergency Management Director. Currently, he is the Department Chief at General Dynamics Electric Boat in Quonset Point, RI, and the Safety and Training Officer in East Berlin, CT. A Connecticut State Fire Instructor and former POST Academy Instructor, Stephen also serves as a Task Force Leader for Connecticut US&R Task Force #1, bringing extensive leadership and expertise to the fire service community.

**Location:** Connecticut Fire Academy

**Class Date:** Saturday February 22, 2025

**Class Hours:** 10:30 a.m. to 12:30 p.m.

**Course Fee:** \$10.00





## Connecticut Fire Academy Winter Fire School



### Defensive Driver Training

**Instructor:** Stephen Pendl

**Description:** The purpose of this presentation is to identify the opportunities and challenges emergency responders encounter in the field and to emphasize the critical importance of implementing effective defensive driving strategies.

This session will focus on improving driver training programs, highlighting the necessity for such programs to align with the evolving demands of emergency response. Attendees will be encouraged to critically evaluate their current driver training programs, identifying areas for improvement to ensure they meet the challenges of modern emergency response operations.

By addressing these key elements, the presentation aims to enhance the safety, efficiency, and effectiveness of emergency vehicle operations in today's complex environment.

We look forward to your participation and insights.

**Instructor Bio:** Chief Stephen Pendl has served 38 years in the Fire Service between New York and Connecticut. He has held the position of Fire District Administrator for 8 years, a career Chief for 11 years and a Senior Risk Manager Specialist for 6 years and an Emergency Management Director for 2 years. Currently, he is serving as the Department Chief for the General Dynamics Electric Boat facility in Quonset Point, Rhode Island. Connecticut State Fire Instructor, former POST Connecticut State Police Academy Instructor, Task Force Leader for the Connecticut US&R Team- Task Force #1 and is currently serving as the Safety and Training Officer in his hometown department of East Berlin Connecticut.

**Location:** Connecticut Fire Academy

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**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Emerging Combination Fire Department Roundtable

**Instructor:** Clint Haverkampf & Mike Shove

**Description:** This course provides a facilitated discussion and case study on shifting from a fully volunteer to a combination fire department model. Participants will explore key challenges and successes in each transition phase—from volunteer to career staffing—including recruitment, training, financial impacts, and cultural adjustments. Through real-world examples, attendees will learn strategies to foster unity between volunteer and career staff, manage resources, and build a cohesive department culture that supports both roles effectively. This session is ideal for leaders guiding their departments through these evolving needs.

#### **Instructor Bio:**

Michael Shove is the Assistant Chief of Operations with the Guilford Fire Department where he has served since 2002. Michael also serves as an adjunct instructor with the Connecticut Fire Academy. He served with the United States Coast Guard and retired as a Senior Chief Petty Officer in 2022 from Station New London. Michael also serves as the vice chair and ESF-10 hazmat coordinator of the Region 2 Regional Emergency Planning Team.

Clint Haverkampf is a Captain with the Guilford, CT Fire Department. He is a member of FEMA's Urban Search & Rescue Program, a graduate of the National Fire Academy's EFO Program, and currently serves as Instructor Development Coordinator for the Connecticut Fire Academy.

**Location:** Connecticut Fire Academy

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**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Fatal Collision Investigations for the Fire Service

**Instructor:** Wayne Petralito

**Description:** This course provides an in-depth overview of the Connecticut State Police Collision Analysis & Reconstruction Squad (CARS) and its investigative processes. Attendees will gain valuable insight into how fatal collision investigations are conducted and the critical role the fire service can play in preserving evidence at the scene.

Key topics include:

- Understanding the steps and methodologies used in collision reconstruction.
- Practical tips and guidelines for preserving evidence at the collision scene.
- Effective collaboration between fire service personnel and law enforcement investigators.

This session is designed to enhance the fire service's ability to contribute to thorough and accurate investigations, ensuring justice and safety in our communities.

**Instructor Bio:** Sergeant Wayne Petralito, MS, ACTAR, has been a law enforcement officer since 2009 and involved in collision analysis and reconstruction since 2018. Wayne is a unit supervisor with the Connecticut State Police – Collision Analysis and Reconstruction Squad. Wayne has reconstructed or assisted in the reconstruction of hundreds of fatal or serious injury motor vehicle collisions. Wayne has undergone extensive training in collision reconstruction. Wayne is an accredited collision reconstructionist through the Accreditation Commission for Traffic Accident Reconstruction (ACTAR) and a certified law enforcement instructor for collision investigations. Wayne has extensive experience in forensic mapping of collision and crime scenes with forensic technology, to include laser scanners, total stations, and aerial photogrammetry. Wayne is a certified North American Standard Truck Inspector (NASTI) and certified Remote Pilot in Command for Small Unmanned Aircraft Systems (sUAS).

**Location:** Connecticut Fire Academy

**Class Date:** Sunday February 23, 2025

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**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Fire Communications

**Instructor:** Scott Wright, Nicholas Carlone and Jacob Gionfriddo

**Description:** Radio is a tool. It is the one tool that firefighters will use on each and every incident. Problems with communications is also one item cited in after action reports. This course will introduce the basics of proper communications techniques, the importance of equipment maintenance, and the problems facing using communications during fire operations.

**Instructor Bio:** Scott Wright: Scott is the Senior Telecommunications Engineer II with responsibility for the statewide radio system. Scott has multiple decades of experience with public safety communications.

Nicholas Carlone: Nick is a Telecommunications Engineer with DESPP and currently serves as an active firefighter.

Jacob Gionfriddo: Jacob is also a Telecommunications Engineer with DESPP and currently serves as an active firefighter.

**Location:** Connecticut Fire Academy

**Class Date:** Friday February 21, 2025

**Class Hours:** 10:30 a.m. to 12:30 p.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Fire Dynamics – Understanding the Flow Path in Ventilation Limited Fires

**Instructor:** Adam Hansen and Mike Eremita

**Description:** This course offers foundational knowledge to enhance understanding of the evidence-based research conducted by the National Institute of Standards and Technology (NIST) and Underwriters Laboratories (UL) on modern fire dynamics. Participants will explore key concepts such as fuel loads, flow paths, door control, and ventilation, examining how these factors directly influence fireground operations and tactical decision-making.

The class introduces new terminology and principles that are essential for adapting to evolving fireground challenges. Through a blend of lecture and hands-on learning, participants will not only gain theoretical insights but also observe fire behavior in action. A small-scale fire behavior demonstration utilizing the alcohol prop will reinforce these principles, providing a practical perspective on the science behind fire dynamics.

This course is designed for firefighters and fire officers seeking to integrate evidence-based tactics into their operations, enhancing safety, efficiency, and effectiveness on the fireground.

**Instructor Bio:** Mike Eremita has been a member of the fire service for 26 years. With the last 15 years on the in the Hartford CT Fire Department. Assignments including Firefighter on Ladder 4 & Ladder 2, Driver Engine 16 & Ladder 5, Lieutenant Ladder 4 and presently Captain of Ladder 3. Mike has been an Adjunct Instructor for the CT Fire Academy for the last 11 years.

Adam J. Hansen is an adjunct instructor with the CFA and a Battalion Chief with the Milford (CT) Fire Dept. He began his career as a volunteer in his hometown of Branford (CT) in 1999 and was hired with Milford in 2006. Hansen is a graduate of the University of New Haven; Master of Public Administration (MPA) & Bachelor of Science in Fire Science. He is a Nationally Registered Paramedic and holds several state certifications. He works as an Adjunct Professor at the University of New Haven (Fire Science Department) and is an Instructor with Mission CIT.

**Location:** Connecticut Fire Academy

**Class Date:** Saturday February 22, 2025

**Class Hours:** 8:00 a.m. to 12:00 p.m.

**Course Fee:** \$25.00



## Connecticut Fire Academy Winter Fire School



### Fire Scene Preservation & Evidence Recognition

**Instructor:** Kyle Faucher

**Description:** Fire Scene Preservation & Evidence Recognition provides the line firefighter with the adequate information and knowledge to understand the firefighter's role in preserving a fire scene, indicators of incendiary fires, fire pattern recognition, overhaul operations and contamination concerns, and scene integrity associated with fatal fires. The program also provides logistical considerations for fire marshals pertaining to fire investigations and coordinating with suppression crews. Information provided in this program can also be shared with fellow department members, utilized by fire marshals to educate their respective departments, and vital information to provide for a successful fire investigation.

**Instructor Bio:** Kyle Faucher has been a State Trooper with the Connecticut State Police since 2020 and is currently assigned to the Fire & Explosion Investigation Unit. He also handles an Accelerant Detection K9, "Aruba." He is a Certified Fire & Explosion Investigator as conferred by the National Association of Fire Investigators and is a Fire Investigation Technician as conferred by the International Association of Arson Investigators.

**Location:** Connecticut Fire Academy

**Class Date:** Sunday February 23, 2025

**Class Hours:** 8:00 a.m. to 10:00 a.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Firefighter Cancer Awareness and Prevention

**Instructor:** John Field and Jeff Sneller

**Description:** This class provides a comprehensive look at cancer, its prevalence, and its specific impact on firefighters. Participants will explore current cancer rates among firefighters and learn about proactive steps to reduce exposure and lower cancer risks. We will examine the fire service's ongoing efforts to equip personnel with vital information on cancer prevention, including the latest procedures, tools, and best practices to minimize exposures. Additionally, the course addresses support resources and expectations in the event of a cancer diagnosis, empowering firefighters to make informed choices about their health and safety. Through practical insights and strategies, participants will leave better prepared to protect themselves and their teams.

**Instructor Bio:** John serves as the Emergency Management Area Coordinator with the Connecticut Division of Emergency Management and Homeland Security (DEMHS), a position he has held for 12 years. He also chairs the CT Incident Management Teams, representing the state on the National Board of Directors for Incident Management Teams. John is the retired Fire Chief for Torrington, where he dedicated 27 years and served as the city's Emergency Management Director, leading initiatives such as the Local Emergency Planning Committee and co-founding the Northwest Regional Hazardous Material Response Team. Currently, John is the Assistant Director at the Litchfield County Regional Fire Training School and has been a fire instructor for 35 years, including 25 years as an Adjunct Instructor with the CT Fire Academy. He holds a degree in Fire Science, CT Fire Marshal certification, EMT, and is a Nationally Recognized Master Exercise Practitioner. In 2020, John was inducted into the CT Firefighters Hall of Fame.

Jeff has been a Manchester Firefighter for over 20 years and served as a volunteer firefighter prior. Jeff is a 3-time cancer survivor, State of CT Director and mentor for the firefighter cancer support network. Jeff is also an active adjunct instructor for the CT Fire Academy

**Location:** Connecticut Fire Academy

**Class Date:** Friday February 21, 2025

**Class Hours:** 8:00 a.m. to 10:00 a.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Firehouse Drills: Advanced Forcible Entry

**Instructor:** Eddie Burwell & Alex Hillard

**Description:** The "Irons Firefighter" embodies the essence of a skilled and effective Truck Company. This hands-on, firehouse-style training delves into the intricacies of locks, hardware, and tools, equipping participants with advanced forcible entry techniques. The course covers through-the-lock methods, inward and outward forcible entry, and emphasizes one-person operations to build efficiency and confidence.

A key feature of this training is the use of our all-new, advanced Forcible Entry all-in-one mobile prop. This cutting-edge tool simulates real-world challenges, providing a safe and controlled environment for participants to practice and perfect their skills. Firefighters will perform skill sets directly on the prop, gaining practical experience in overcoming various entry scenarios.

Designed for both new and experienced firefighters, this course ensures participants leave with a deeper understanding of forcible entry, improved tool proficiency, and enhanced problem-solving abilities. Strengthen your skillset and elevate your contributions to the fireground with this essential training.

**Instructor Bio:** Ed Burwell - has been in the FDNY for over 26 years, working in busy Ladder companies, he is currently a Lieutenant in the South Bronx. Ed got his start in the career Fire service in Connecticut, with the Milford Fire Dept. and has been with the CT Fire Academy for 30+ years

Alex Hilliard started his fire service career in East Hartford as a firefighter/paramedic for 6 years. He has spent the last 11 years with the Fire Department of New York City and is assigned to Squad 41 in the South Bronx. Previously he was assigned to Engine 214 in Bed-Stuy Brooklyn, and Engine 62 and Ladder 32 in the North Bronx.

**Location:** Connecticut Fire Academy

**Class Date:** Sunday February 23, 2025

**Class Hours:** 8:00 a.m. to 12:00 p.m.

**Course Fee:** \$25.00

**Personal Protective Equipment Required - Gloves, helmet, and eye protection.**





## Connecticut Fire Academy Winter Fire School



### From Leadership to Leaderships, Life's Lessons on How to Grow from a Leader of Individuals to a Successful Strategic Leader of an Organization.

**Instructor:** Joe Danao II

**Description:** This Leadership to Leaderships (LS to LSS) class will focus on life lessons used to lead at all organizational levels, with a view to those successful traits that help attendees reach their full leadership potential. Everyone has the potential to lead organizations. The ability to learn how to lead organizations is a long road of deliberate choices. These choices require dedication, motivation, a positive mentality, seeing failure and weakness not as obstacles but opportunities to grow, learning from self and others, and holding true to the highest values and beliefs. Many Firefighters and EMS personnel can become leaders of a ship; with adopted life lessons, Firefighters and EMS personnel can acquire the capability to be successful leaders of ships.

**Instructor Bio:** Deputy Commissioner of the Connecticut Department of Veterans Affairs, Member of Conn. DEI, Agency Open Data, Artificial Intelligence, and Workforce Development Committees, CFA Instructor, NVFC Safer Workgroup Recruitment and Retention Committee Member, 41 years active FF/EMS service, Chair of DEMHS Region #4 ESF#8 (Public Health), President Eastern CT EMS Council, Inc, Former Deputy Chief - Fire/EMS/Rescue, 33-year military officer retired as a Lieutenant Colonel in 2015 with a combat deployment to Afghanistan 2010. Numerous homeland security, firefighter, emergency medical, and hazardous materials certifications. He graduated from the U.S. Army's premier leadership school, The Army Command and General Staff College, 2000 - 2001. Four college degrees, including two master's degrees in fire science and taxation, and is actively pursuing a Doctor of Education with anticipated graduation in Spring 2026. Deputy Commissioner Danao's focus is on building winning teams.

**Location:** Connecticut Fire Academy

**Class Date:** Sunday February 23, 2025

**Class Hours:** 8:00 a.m. to 10:00 a.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### High Directional Use of Aerial Ladders

**Instructor:** Jim Kenney

**Description:** This class explores the use of aerial ladders as high-direction anchors for rope rescue operations in diverse scenarios. While this technique is a subject of ongoing debate, it offers potential solutions for challenging rescue situations. The instructors, drawing on extensive experience in rope and confined space rescue and years of operating various ladder trucks, will guide participants through the principles and practices of this approach.

The session will feature detailed images and diagrams illustrating various setups and rigging configurations, providing a foundation for understanding the mechanics and applications involved. With a strong emphasis on the physics underlying these operations, the instructors—whose backgrounds include academic studies in physics—will ensure a comprehensive exploration of this topic.

Participants are encouraged to engage in group discussions, fostering an open exchange of ideas and experiences. This interactive approach aims to address concerns, highlight best practices, and broaden understanding of aerial ladders as tools in rope rescue.

*Also considering attending the Introduction to the Arizona Vortex class on Saturday February 22, 2025, starting at 8:00 a.m. These are separate classes, attend one or the other or both-your choice. They are both related to each.*

**Instructor Bio:** Retired Assistant Chief Warwick, RI Fire Department, Rope Rescue Coordinator CT Fire Academy

**Location:** Connecticut Fire Academy

**Class Date:** Saturday February 22, 2025

**Class Hours:** 12:30 p.m. to 4:30 p.m.

**Course Fee:** \$25.00

**Personal Protective Equipment Required - Gloves, helmet, and eye protection.**



## Connecticut Fire Academy Winter Fire School



### Instructor Rehab! Getting Back to Basics

**Instructor:** Joseph Scaglione

**Description:** Have you ever found yourself saying, “It seems our firefighters are not getting this training,” or “We just covered this training,” or “They are not grasping the skills”? Your training program may suffer from not setting clear written learning objectives. It may need a “Rehab”.

Designed for all experience and skill levels this program will “rehab” the fire service instructor on the fundamental instructional concept of properly constructed learning objectives and how they lead to properly developed lesson plans and evaluations. Successful learning outcomes are foundational in a successful training program. Understanding this concept is vital in developing a training program that is learner-centered and performance-based and will transform your learners.

We will discuss adult learning theories and how they relate to creating enduring instruction. You will learn to identify properly written learning objectives based on the learning outcomes within Bloom’s cognitive learning domain. Because we all learn through active mental engagement, the class will develop their learning outcomes through practical applications and see how a scenario-based training evolution can be developed. This program is necessary for those seeking the vision, ideas, and tools to develop a continuously adaptive training program. This training program will maintain the students’ enthusiasm and develop their skills.

**Instructor Bio:** Joe Scaglione, a 24-year fire service veteran, serves as a Captain with the Meriden (CT) Fire Department. He holds a B.S. in molecular cell biology/biochemistry from the University of Connecticut and is pursuing an M.S. in Learning Experience Design and Educational Technology at Western Governors University. Capt. Scaglione is a Connecticut and Pro Board-certified Fire Service Instructor III and Fire Officer II, and he teaches at Naugatuck Valley Community College, the Connecticut Fire Academy, and regional fire schools. A certified NFPA 472 hazardous materials technician, he is a member of the New Haven Area Special Hazards Team and has experience as an industrial firefighter and USAR Task Force member. He serves on IFSTA validation committees for Essentials and Fire Inspector and Code Enforcement editions. As a certified Connecticut Fire Marshal, he previously worked as Deputy Fire Marshal for Portland and Wolcott, CT. Featured in Fire Engineering Magazine in February 2017, he regularly presents on deploying the Leader Line at the IAFC Hazardous Materials Conference.

**Location:** Connecticut Fire Academy

**Class Date:** Sunday February 23, 2025

**Class Hours:** 8:00 a.m. to 10:00 a.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Introduction to the Arizona Vortex

**Instructor:** Chris Parietti

**Description:** This session is designed for fire service personnel who have an Arizona Vortex in their equipment cache and want to learn how to effectively use it in various rescue scenarios. The class will begin with a review of the user manual, providing a foundational understanding of the device. Participants will then observe demonstrations of the three most commonly used configurations of the Arizona Vortex, with practical applications explained. Additionally, instructors will showcase and discuss the two major "versions" of this equipment, highlighting their differences and best-use practices. This session offers hands-on learning and valuable insights to help maximize the effectiveness of the Arizona Vortex in rescue operations.

**Instructor Bio:** Chris is fire and rescue instructor with over 20 years of teaching experience.

*Also considering attending the High Directional use of Aerial Ladders class on Saturday February 22, 2025, starting at 12:00 p.m. These are separate classes, attend one or the other or both-your choice. They are both related to each*

**Location:** Connecticut Fire Academy

**Class Date:** Saturday February 22, 2025

**Class Hours:** 8:00 a.m. to 12:00 p.m.

**Course Fee:** \$25.00

**Personal Protective Equipment Required - Gloves, helmet, and eye protection.**



## Connecticut Fire Academy Winter Fire School



### It's All About Leadership

**Instructor:** Albe Bassett

**Description:** Leading people, especially in the emergency services, at times can be a difficult task. Our leaders and employees are from different generations, cultures, and backgrounds. Everyone has a different personality. Personalities that YOU CANNOT change. The fire and EMS services task you to perform the mission with these differences as the leader. To effectively do this, you need to know yourself. You need to be self-aware of your core values, KSA's, goals, and personality. This class will explore and help clarify one's self-awareness. Self-awareness is one of the key concepts in becoming an authentic leader.

**Instructor Bio:** Albe is the Director of Fire Services, Fire Chief with the New Canaan (CT) Fire Department. He has 30 years of fire service experience. Prior to becoming Fire Chief, he was with the Norwalk Fire Department as the Assistant Chief of Administration. Albe served as the department training officer, a shift commander, and a team leader for the Fairfield County Hazardous Incident Response Team. Albe is also a rescue specialist with the state urban search and rescue team and an adjunct instructor with the Connecticut Fire Academy. Member of the NFPA Hazmat Standards Committee. Albe is certified to Fire Officer 4, Fire Service Instructor 3 and holds a B.S. degree in Fire Technology and Administration, an MBA with a concentration in Strategic Leadership from the University of New Haven, and a masters in I/O Psychology from Walden University.

**Location:** Connecticut Fire Academy

**Class Date:** Saturday February 22, 2025

**Class Hours:** 10:30 p.m. to 12:30 p.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Living the Assessment Center

**Instructor:** Shelly Carter

**Description:** This class prepares fire service leaders to transition from assessment to real-world leadership, focusing on the practical skills needed to succeed as a chief officer.

- **Inbox Management:** Learn how to prioritize and manage the demands of leadership while staying aligned with long-term goals.
- **Discipline:** Explore strategies for maintaining accountability within the team and fostering a professional, supportive culture.
- **Training:** Discover best practices for developing impactful training programs that equip your team for real challenges.
- **Communication:** Techniques to build trust, promote transparency, and strengthen teamwork.
- **Culture Development:** Gain insights into building a resilient, positive culture that aligns with the organization's vision.

The session also provides a realistic view of decision-making at the chief level, asking participants to reflect on how they can live out the principles tested during their assessment. This course offers essential tools and perspectives for thriving as a leader in the fire service.

**Instructor Bio:** Chief Shelly L. Carter has over 25 years of experience in the fire service. She began her career in 1999 with the City of Hartford Fire Department, progressing through the ranks from firefighter to Driver/Engineer, Lieutenant/Fire Marshal, Executive Officer, and Captain. After retiring in 2021, Chief Carter served as the Operations and Training Manager/PIO for Connecticut's Division of Emergency Management and Homeland Security, where she managed statewide emergency operations and training programs. In December 2022, she made history as New England's first Black female fire chief, leading the Department of Developmental Services Fire and Emergency Services. In this role, she was instrumental in rebuilding fire safety and disaster programs, aligning them with DDS's mission to create safe environments. In January 2024, she joined the Hamden Fire Department as Assistant Fire Chief, overseeing administration, fire suppression, EMS, and compliance with OSHA and NFPA standards. Chief Carter is also the founder of the Girls Future Firefighter Camp, Connecticut's only interactive camp for girls interested in public safety careers. She holds degrees in Journalism, Fire Administration, and Public Administration, and is currently pursuing a doctorate in Critical Infrastructure in Emergency Management. She is set to attend FEMA's Executive Academy in 2025.

**Location:** Connecticut Fire Academy

**Class Date:** Friday February 21, 2025

**Class Hours:** 8:00 a.m. to 10:00 a.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Man, VS Machine

**Instructor:** Cal Brennan

**Description:** Most agricultural injuries and deaths come from rollovers and entanglements within machinery. This class will touch on the typical man vs machine operations on farm related incidents and considerations. Every response area has agricultural equipment, such as tractors, loaders, and mowers. We will also cover more farm specific machinery such as hay bailers and auger equipment. The understanding of hydraulics, power take off (PTO) systems and everyday hazards presented on a farm will keep you safe and maximize the chance of survival for the victim.

**Instructor Bio:** Cal Brennan is a 17-year member of the fire service with both career and volunteer experience. He is currently a Lieutenant with the Hamden Fire Department assigned to Engine Company 3, after serving several years on the department's squad company. He is an active volunteer with Beacon Hose Company #1 and is a very active fire instructor within the region. Cal has been around and operated agricultural equipment for many years and recently opened Brennan Brook Farm in Beacon Falls.

**Location:** Connecticut Fire Academy

**Class Date:** Saturday February 22, 2025

**Class Hours:** 8:00 a.m. to 10:00 a.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Managing Major Disasters

***“Last year, the U.S. experienced 28 separate billion-dollar weather and climate disasters. This surpasses 2020 — which had 22 events — for the highest number of billion-dollar disasters in the U.S. on record”***

**Instructor:** John Field

**Description:** This Program will focus on what it takes to effectively manage the "Major Disaster". "Major Disasters" are becoming more frequent and part of the norm. These "Major Disasters" provide unique challenges all responders. This program will review the phases of emergency management and how best to utilize these phases to get the most positive outcome possible. We will define what a "Major Disaster" is, and we prepare for, respond to, and recover from its effects.

**Instructor Bio:** John serves as the Emergency Management Area Coordinator with the Connecticut Division of Emergency Management and Homeland Security (DEMHS), a position he has held for 12 years. He also chairs the CT Incident Management Teams, representing the state on the National Board of Directors for Incident Management Teams. John is the retired Fire Chief for Torrington, where he dedicated 27 years and served as the city's Emergency Management Director, leading initiatives such as the Local Emergency Planning Committee and co-founding the Northwest Regional Hazardous Material Response Team. Currently, John is the Assistant Director at the Litchfield County Regional Fire Training School and has been a fire instructor for 35 years, including 25 years as an Adjunct Instructor with the CT Fire Academy. He holds a degree in Fire Science, CT Fire Marshal certification, EMT, and is a Nationally Recognized Master Exercise Practitioner. In 2020, John was inducted into the CT Firefighters Hall of Fame.

**Location:** Connecticut Fire Academy

**Class Date:** Saturday February 22, 2025

**Class Hours:** 8:00 a.m. to 10:00 a.m.

**Course Fee:** \$10.00





## Connecticut Fire Academy Winter Fire School



### Media and Content Creation for the Fire Service

**Instructor:** Matt Troy

**Description:** If a picture is worth a thousand words, then motion pictures can offer endless opportunities to reach new audiences with important messaging. The fire service can benefit uniquely from incorporating media into a variety of applications that benefit the overall mission, and it can be done so affordably using everyday tools found around the firehouse. This presentation on media in the fire service touches on both the ability to bolster community risk reduction efforts, while also inspiring new approaches to training and messaging within your own firehouse.

**Instructor Bio:** Matthew Troy is a New England-based filmmaker whose credits range from independent feature films to nine seasons of Animal Planet's "The Puppy Bowl." A graduate of NYU film school, Matthew is now an Assistant Arts Professor of Cinematography at NYU's Tisch School of the Arts. Matthew has also served as a volunteer firefighter and EMT since 2024 with several different departments including the Hebron Fire Department (his hometown), Broad Channel Vol Fire Department (Queens, NY achieving rank of Captain), and now the Bethel Fire Department (currently the Fire Captain). His 2018 recruitment campaign PSA "See You Out There" for the Connecticut fire service won a regional Emmy award. Matthew enjoys teaching new generations of filmmakers, both at NYU, and across the fire service with a commitment to media-influenced community risk reduction.

**Location:** Connecticut Fire Academy

**Class Date:** Friday February 21, 2025

**Class Hours:** 8:00 a.m. to 12:00 p.m.

**Course Fee:** \$25.00



## Connecticut Fire Academy Winter Fire School



### Media Interview Experience Hybrid Delivery

**Instructor:** Charlie Lubowicki

**Description:** This two-part course is designed to equip fire service personnel with the skills and confidence needed to conduct effective live media interviews.

**Module I:** Delivered online, this module will cover the foundational knowledge required for engaging with the media. Participants will learn strategies to prepare for interviews, develop clear messaging, manage challenging questions, and maintain control over the conversation to effectively communicate their department's mission, values, and key information to the public.

**Module II:** Taking place in-person on Friday, February 21, 2025, at the Connecticut Fire Academy, this hands-on session will provide participants with the opportunity to apply what they learned in Module I. After an in-depth briefing on media interview techniques, participants will conduct a live, on-camera interview, simulating a real media encounter. Immediately following, participants will receive feedback in a "hotwash" debrief to discuss strengths and areas for improvement. For those who wish, interviews can be recorded on personal devices for further review and practice.

This course is ideal for anyone in the fire service responsible for interacting with the media, providing practical experience and guidance to ensure confident, professional media engagement.

**Instructor Bio:** Charlie Lubowicki is a 25-year student of the fire service completing 22 years with the Hamden Fire Department and now with the Greenwich Fire Department serving as assistant chief. He holds a Bachelor's in Public Administration from Charter Oak State College and a Master's in Fire Science and a master's in emergency management from the University of New Haven. As an instructor, Charlie teaches for the Connecticut Fire Academy, as an adjunct with the University of New Haven, and has presented as far away from Connecticut as Oklahoma. He is also involved with the FEMA USAR system and is credentialed as a logistics specialist with the Massachusetts Task Force and as a PIO with the Incident Support Team.

**Location:** Connecticut Fire Academy

**Class Date:** Module I (Virtual) – Tuesday February 18, 2025, 6:00 p.m. to 10:00 p.m.

*\*Virtual link will be sent within the confirmation email*

Module II (In Person) – Friday February 21, 2025, at the CT Fire Academy, thirty-minute time slots scheduled between 8:00 a.m. and 4:00 p.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Multiagency/Multijurisdictional Planning, Preparation & Response

**Instructor:** John Field

**Description:** This Program will focus on the development of an effective unified command structure and the importance of developing partnerships with other agencies who will serve with you in unified command. Many of our incidents today will require the response of mutual aid and/or other agencies to mitigate our incidents effectively and successfully. Much of the success will depend on the collaboration, coordination and cooperation with other agencies and jurisdictions prior to these incidents occurring.

**Instructor Bio:** John serves as the Emergency Management Area Coordinator with the Connecticut Division of Emergency Management and Homeland Security (DEMHS), a position he has held for 12 years. He also chairs the CT Incident Management Teams, representing the state on the National Board of Directors for Incident Management Teams. John is the retired Fire Chief for Torrington, where he dedicated 27 years and served as the city's Emergency Management Director, leading initiatives such as the Local Emergency Planning Committee and co-founding the Northwest Regional Hazardous Material Response Team. Currently, John is the Assistant Director at the Litchfield County Regional Fire Training School and has been a fire instructor for 35 years, including 25 years as an Adjunct Instructor with the CT Fire Academy. He holds a degree in Fire Science, CT Fire Marshal certification, EMT, and is a Nationally Recognized Master Exercise Practitioner. In 2020, John was inducted into the CT Firefighters Hall of Fame.

**Location:** Connecticut Fire Academy

**Class Date:** Saturday February 22, 2025

**Class Hours:** 10:30 p.m. to 12:30 p.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Officering 101: Daily Challenges that Fire Officers are Facing and Steps to Deal with Them

**Instructor:** Mark Waters

**Description:** This course addresses the evolving challenges that fire officers encounter in today's dynamic fire service environment. Participants will explore real-world scenarios and gain practical strategies to effectively manage issues. Through interactive discussions and case studies, attendees will learn actionable steps to enhance leadership, decision-making, and problem-solving skills. This class is designed to equip fire officers with the tools and confidence needed to navigate the complexities of modern fire service leadership successfully.

**Instructor Bio:** CFA Program Planner/ Adjunct Instructor for Fire Officer Programs. City of New London Deputy Fire Chief.

**Location:** Connecticut Fire Academy

**Class Date:** Friday February 21, 2025

**Class Hours:** 8:00 a.m. to 10:00 a.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Out of Chaos Comes Control: Identifying Common Fireground Errors and Solutions

**Instructor:** Eric Fischl

**Description:** This class focuses on the factors affecting firefighter performance from the start of a shift to the fireground. We will discuss how weather, fatigue, and mismatched crews can impact effectiveness, and how pre-incident planning can help address potential challenges when responding to a fire. The session will cover common fireground errors, such as water supply issues, poor hose line advancement, forcible entry difficulties, improper ventilation, and cluttered conditions, and provide strategies to mitigate these problems. Both engine and truck company operations will be examined, with an emphasis on improving coordination and efficiency to ensure a smoother, safer response.

**Instructor Bio:** Eric has been active in the fire service since 2010 serving with both career, combination, and volunteer fire departments. Eric currently serves as a full-time firefighter with the Thompsonville Fire Dept. Eric also serves as an adjunct fire instructor with the Connecticut Fire Academy, Mission CIT, Task Force 1, and the Lead fire instructor for the Town of Windsor and Berlin Public Schools high school firefighter programs along with serving on the Springfield Technical Community College technical advisory board for fire science and as the secretary for the Connecticut Fire Department Instructors Association.

**Location:** Connecticut Fire Academy

**Class Date:** Friday, February 21, 2025

**Class Hours:** 10:30 a.m. to 12:30 p.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Promotion Prep - Skills to Help you Achieve your Promotion

**Instructor:** William Stacy

**Description:** This course is designed for firefighters seeking promotion, focusing on mastering oral board responses and assessment center scenarios.

**Oral Board Skill:** Participants will learn strategies to respond confidently to interview questions, emphasizing leadership, problem-solving, and decision-making skills. Students will practice answering questions in front of peers and receive direct feedback to enhance responses.

**Tactical Scenarios:** Using the Academy's simulator, participants will lead realistic emergency scenarios, practicing incident command and team management. Each scenario will be followed by constructive feedback to improve tactical performance.

Combining interview techniques with practical scenario practice, this course prepares firefighters to succeed in the promotional process.

**Instructor Bio:** A 40-year member of the fire service. Retired as captain shift commander from West Haven Fire Department. Assistant Chief of Training for Cromwell Fire Department. William is a current and active adjunct instructor for CFA.

**Location:** Connecticut Fire Academy

**Class Date:** Sunday, February 23, 2025

**Class Hours:** 8:00 a.m. to 12:00 p.m.

**Course Fee:** \$25.00



# Connecticut Fire Academy Winter Fire School



## Pump Ops: Virtual Training for Real-World Pump Operations

**No registration Needed!**

**Stop In And receive a Free Pump Operations Lesson**

**Instructor:** Bob Andrews, Rich Leach and Brian Gagnon

**Description:** Effective pump operator training goes beyond classroom learning. Operators must respond to their entire environment—recognizing sounds like cavitation, equipment malfunctions, and incoming radio communications—while managing high-pressure situations. Traditional training often involves taking apparatus out of service, risking equipment wear, or exposing firefighters to environmental hazards.

The FAAC Patented Pump Operator Simulator offers a safe, economical, and highly realistic training solution. This full-size replica of a fire engine pump panel features authentic components and functionality, enabling operators to gain hands-on experience in a controlled, repeatable environment. Trainees can practice pump panel operations without risking damage to equipment, firefighter injury, or environmental impact.

This innovative training platform ensures readiness for real-world emergencies while preserving vital resources.

**Location:** Connecticut Fire Academy

**Class Date:** Friday February 21, 2025

Saturday February 22, 2025

Sunday February 23, 2025

**Class Hours:** 8:00 a.m. to 12:00 p.m.

**Course Fee:** Free

**THE ONLY VIRTUAL PLATFORM FOR REAL TRAINING EVOLUTIONS**

<p><b>System Features:</b></p> <ul style="list-style-type: none"> <li>• A mixture of authentic components and LCD displays</li> <li>• Highly configurable (comprehensive pump/tank/hose/ nozzle/water source libraries)</li> <li>• "Inner" workings of the panel are simulated through software — no pumps, valves, or water</li> <li>• Pre-Loaded Comprehensive Evolution Library</li> <li>• Active student assessment forms</li> <li>• Fault and Malfunctions</li> <li>• Evolution/Hose/SkillSheet editors</li> <li>• Modular unit built into a free-standing cabinet</li> <li>• Standard 115V/15Amp power</li> </ul>	<p><b>Optional Upgrades:</b></p> <ul style="list-style-type: none"> <li>• Trainee Visual Screen Display (TVSD)</li> <li>• Trident AirPrime®</li> <li>• Radio/intercom system</li> <li>• Fully customizable (Full-Size replicas)</li> <li>• Self-Transportation Kit</li> </ul> <p><b>AASR - After Action Scenario Review</b></p> <ul style="list-style-type: none"> <li>• Scenario Replay</li> <li>• Live Video Time Sync</li> <li>• Audio Time Sync</li> <li>• Stop/Start/Rewind</li> </ul>
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**KEEP ALL UNITS  
IN SERVICE**



**CLASSROOM-BASED  
TRAINER**



**PREVENT TRAINING  
INJURIES**



**PREVENT DAMAGE  
TO TRUCK PUMPS**



**SAVE WATER, TIME, &  
PERSONNEL EFFORT**



**Instructor Operator Station**

**Optional Trainee Visual Scene Display (TVSD)**

The TVSD provides the student with a visual schematic of the discharge Hose/Nozzle configuration for the selected evolution.

Additionally, the student is provided an on-scene visualization of the water source selected for the evolution. The display also provides a dynamic dump-tank capacity.

The simulation is controlled via an Instructor Operator Station (IOS). The IOS is a touch-screen menu-driven interface. The IOS allows the instructor to control the simulation, set conditions/fauls, and monitor performance.

**PG-1000-SM  
SIDE MOUNT PUMP OPERATOR SIMULATOR  
CONFIGURATION: 1000R10V15A15W**



## Connecticut Fire Academy Winter Fire School



### Recruitment and Retention in Today's 2025 Connecticut EMS and Fire Service

**Instructor:** Joe Danao II

**Description:** This class will build on the success of its original offering at the 2024 Winter School by providing an update to all levels of EMS and Fire personnel on current trends in recruitment and retention efforts across national, state, and local levels. The class will also provide interactive participation in facilitated discussion among attendees, who will be encouraged to share lessons learned and applied in their departments.

**Instructor Bio:** Deputy Commissioner of the Connecticut Department of Veterans Affairs, Member of Conn. DEI, Agency Open Data, Artificial Intelligence, and Workforce Development Committees, CFA instructor, NVFC Safer Workgroup Recruitment and Retention Committee Member, 41 years active FF/EMS service, Chair of DEMHS Region #4 ESF#8 (Public Health), President Eastern CT EMS Council, Inc., Former Deputy Chief - Fire/EMS/Rescue, 33-year military officer retired as a Lieutenant Colonel in 2015 with a combat deployment to Afghanistan 2010. Numerous homeland security, firefighter, emergency medical, and hazardous materials certifications. He graduated from the U.S. Army's premier leadership school, The Army Command and General Staff College, 2000 - 2001. Four college degrees, including two master's degrees in fire science and taxation, and is actively pursuing a Doctor of Education with anticipated graduation in Spring 2026. Deputy Commissioner Danao's focus is on building winning teams.

**Location:** Connecticut Fire Academy

**Class Date:** Saturday February 22, 2025

**Class Hours:** 10:30 a.m. to 12:30 p.m.

**Course Fee:** \$10.00





## Connecticut Fire Academy Winter Fire School



### Recruitment Roundtable Case Studies and Considerations for Boosting Volunteer Membership

**Instructor:** Matt Troy

**Description:** Recruiting volunteer membership continues to be an uphill battle for fire service agencies nationwide, and while many organizations can offer guidance, there is no one single solution. The Bethel Volunteer Fire Department (Bethel, Connecticut) is tackling that challenge in a variety of ways, and since 2021 has received 227 applications (and counting). With a 15% retention rate, 36 members have maintained active participation in the department. This class is designed to showcase what Bethel has been doing in our recruitment efforts, explore resources worth considering and pursuing, share materials for your agency to personalize, and join in group discussion on how we can tackle the recruitment challenge together.

**Instructor Bio:** Matthew Troy is a New England-based filmmaker whose credits range from independent feature films to nine seasons of Animal Planet's "The Puppy Bowl." A graduate of NYU film school, Matthew is now an Assistant Arts Professor of Cinematography at NYU's Tisch School of the Arts. Matthew has also served as a volunteer firefighter and EMT since 2024 with several different departments including the Hebron Fire Department (his hometown), Broad Channel Vol Fire Department (Queens, NY achieving rank of Captain), and now the Bethel Fire Department (currently the Fire Captain). His 2018 recruitment campaign PSA "See You Out There" for the Connecticut fire service won a regional Emmy award. Matthew enjoys teaching new generations of filmmakers, both at NYU, and across the fire service with a commitment to media-influenced community risk reduction.

**Location:** Connecticut Fire Academy

**Class Date:** Sunday February 23, 2025

**Class Hours:** 10:30 a.m. to 12:30 p.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Recruitment: Why is it a Priority?

**Instructor:** Nick Wallick

**Description:** This class focuses on developing effective firefighter recruitment strategies, even with limited financial resources. Participants will explore creative, low-cost methods to engage potential candidates and learn how to gradually expand these efforts into a comprehensive and successful regional recruitment plan. The session will also cover strategies for transitioning from basic recruitment activities to creating a written program, along with techniques for sourcing support and securing the necessary budget resources. Whether you are just starting to focus on recruitment or seeking to improve an existing program, this class will provide practical tools and actionable insights to achieve success while staying within budget constraints.

**Instructor Bio:** Nick Wallick started his career in the polymer chemistry in 1987 accepting a position at Dur-a-flex, Inc., a polymer flooring company in East Hartford, CT. In 1989 Nick was promoted to Vice President of Dur-a-flex, Inc., responsible for plant operations, property management, and Environmental, Health and Safety. Nick managed a team to begin a Lean Manufacturing journey that was a company-wide initiative. An internal university system was then established to support the learning objectives, Nick then trained all instructors presenting for Dur-a-flex University, directed the development of curriculum of various topics, and presented many self-improvement sessions, technical sessions, and Lean strategies.

Nick Wallick has served in the Town of Hebron as a firefighter since 1999, has held many Officers positions including the Fire Chief for eight years until his retirement in 2021. Nick holds numerous training certifications, including Fire Instructor, a certification in Lean Manufacturing as a Continuous Improvement Certification Champion, and Project Management. He teaches regularly as a Hazmat/WMD 472 Instructor.

Nick has served as the President of Ct Fire Chiefs Association, currently the President of the Eastern CT Fire School in Willimantic, CT.

**Location:** Connecticut Fire Academy

**Class Date:** Sunday February 23, 2025

**Class Hours:** 8:00 a.m. to 10:00 a.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Statewide Honor Guard: Overview & Implementing an HG Unit in your Department

**Instructor:** Mark Amatrudo

**Description:** The program is designed to introduce the participant to the Connecticut Statewide Honor Guard, what services and equipment it provides, how to activate it and what to expect when the CTHG comes in to assist. That is followed by a review of the recommended actions that should be taken and training that should be received if a department wishes to implement an honor guard unit. The classroom portion is followed by a demonstration and then involvement of the participants in some basic honor guard ceremonial movements.

**Instructor Bio:** Mark Amatrudo has been a Chief Fire Officer and Emergency Management Director for over 30 years, having served the past 15 years in career Deputy Chief and Fire Chief roles. Throughout his career Chief Amatrudo has remained an instructor and educator, with over 30 years of combined service as an adjunct faculty member of the Connecticut and National Fire Academies.

For the past 20 years Chief Amatrudo has been a member of the Connecticut Statewide Honor Guard and currently serves as its Commander. He has participated in the National Fallen Firefighters Memorial Weekend, as well as ceremonies involving the National Honor Flag and the laying of wreaths at the Tomb of the Unknown Soldier. He is a graduate of the National Honor Guard Academy.

The Winter Fire School Honor Guard session will be delivered by Commander Amatrudo, Vice Commander Roming and the Command Staff of the Connecticut Statewide Honor Guard.

**Location:** Connecticut Fire Academy

**Class Date:** Sunday February 23, 2025

**Class Hours:** 8:00 a.m. to 12:00 p.m.

**Course Fee:** \$25.00



## Connecticut Fire Academy Winter Fire School



### Stupid Meter, Smart User!

**Instructor:** Eric Munsell

**Description:** Have you ever used a 4-gas meter and had it do something unexpected, then say to yourself, "stupid meter"? This class will be a brief review of the common 4 gas meter and will cover some common issues with them. The class will show you how to squeeze a little more information from your stupid meter. It will also cover some simple other tools to bolster your operation's level meter response. Through the use of lecture, case studies and hands-on you will become a smart user of the stupid meter!

**Instructor Bio:** Eric R. Munsell has been with the West Hartford Fire Department for 25 years and currently serves as the Deputy Chief of Training. He is a founding member of the Capitol Region Hazardous Materials Response Team. He has been an Adjunct Instructor with the Connecticut Fire Academy for 7 years and currently assist as the Hazmat Program Coordinator. He also instructs privately on various hazmat topics.

**Location:** Connecticut Fire Academy

**Class Date:** Saturday February 22, 2025

**Class Hours:** 8:00 a.m. to 12:00 p.m.

**Course Fee:** \$25.00



## Connecticut Fire Academy Winter Fire School



### The Effective Stretch, Location and Water

**Instructor:** Pete Morotto

**Description:** This Hands-on Class will focus on the size-up, deployment and water application based on reduced Engine Company Staffing. We will deploy hose lines and operate under the theory that “as the first line goes so does the fire” Students will perform hose-estimates, pre-staging and scenarios while flowing and moving, but most importantly getting water where it needs to be!

**Instructor Bio:** "To be the best, train with the best "... Peter Morotto currently serves as the Training Captain for the city of Bridgeport CT fire department and leads the Recruit Program as Drill Master. He has been in the fire service for 30 years. He has had the privilege of serving on some of the busiest fire companies in the city with most of the time spent on the Heavy Rescue. Peter has a passion for teaching and mentoring today's fire service; he serves as a Program Coordinator for the Connecticut fire academy for almost 20 years and is an adjunct instructor for Fairfield, Wolcott, and Litchfield County Regional fire schools. Peter has taught numerous classes on the national circuit at various trade show conferences both classroom and H.O.T. classes. Peter prides himself on giving back the knowledge and experience that was passed on to him from some of the best firefighters the Northeast has to offer.

**Location:** Connecticut Fire Academy

**Class Date:** Sunday February 23, 2025

**Class Hours:** 8:00 a.m. to 12:00 p.m.

**Course Fee:** \$25.00

**Personal Protective Equipment Required - Gloves, helmet, and eye protection.**



## Connecticut Fire Academy Winter Fire School



### The Firefighter's Journey: Navigating a Lifelong Career in the Fire Service

**Instructor:** Rich Leach

**Description:** The fire service is more than a career—it is a calling that requires dedication, adaptability, and a strategic approach to personal and professional growth. The Firefighter's Journey is a comprehensive class designed to guide firefighters through every stage of their career, from their first day on the job to an enjoyable retirement.

This class provides an insight into the unique challenges and opportunities faced at each phase of a firefighter's journey, including:

- Building a strong foundation as a probationary firefighter.
- Developing skills and pursuing promotions.
- Navigating leadership roles and balancing professional responsibilities with personal well-being.
- Preparing for retirement while preserving the legacy of service.

With practical advice, real-world examples, and strategies for success, this class empowers firefighters to maximize their potential, stay motivated, and create a lasting impact in the fire service. Whether you are just beginning your career or preparing for your next chapter in the fire service, this class will equip you with the tools to thrive at every stage of the journey.

**Instructor Bio:** Rich Leach is a Deputy Chief with the East Hartford (CT) Fire Department, where he has served for 25 years. He began his career in the fire service in 1993 as a volunteer before getting hired by a career department. Rich has risen through the ranks from firefighter to Deputy Chief and is now preparing for his anticipated retirement. He has been an instructor at the Connecticut Fire Academy for 12 years where he has taught various classes and now oversees several programs. Rich is also a Squad Leader of the CT-TF1 USAR team and an Administrator of the Capital Region Hazardous Response Team, where he served as the Training Coordinator. He chairs the East Hartford Fire Department Health and Safety Committee and is assisting with the role out of Blue Card Command Training within the Department.

**Location:** Connecticut Fire Academy

**Class Date:** Sunday February 23, 2025

**Class Hours:** 10:30 a.m. to 12:30 p.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Timeless (and Timely) Tactical Tips

**Instructor:** Mark Amatrudo

**Description:** An interactive program that reviews the key facets of managing structural fire incident command by covering everything from preparation/training to command presence, size-up, situational awareness, risk vs. benefit, reading smoke, etc. The focus of the session is how to utilize "tricks of the trade" and the experiences of many incident commanders to attack the fire safely and more effectively, with a focus on the changes associated with modern fire dynamics. The session finishes with a review of various types of structural fire and some hints on what to look for and/or focus most on as the Incident Commander. This program is appropriate for the newer officer, any also serves as a great refresher for experienced fire officers.

**Instructor Bio:** Mark Amatrudo has been a Chief Fire Officer and Emergency Management Director for over 30 years, having served the past 15 years in career Deputy Chief and Fire Chief roles. Prior to working as a career Chief Officer, he spent 25 years in private industry senior executive management positions and as a fire, emergency management and homeland security consultant.

Throughout his career Chief Amatrudo has remained an instructor and educator, with over 30 years of combined service as an adjunct faculty member of the Connecticut and National Fire Academies. He is a graduate and undergraduate faculty member for the Fire Science and Emergency Management Programs of the University of New Haven. In addition to having delivered educational sessions at national and international fire and EMS conferences he has authored two books.

Chief Amatrudo has also remained active in emergency management at the state and national levels. He served as Co-Chair of the Connecticut Citizen Corps Council, a member of the Governor's Homeland Security Advisory Committee, as a member of the Board of Directors of the National CERT Association and other similar positions.

**Location:** Connecticut Fire Academy

**Class Date:** Saturday February 22, 2025

**Class Hours:** 8:00 a.m. to 10:00 a.m.

**Course Fee:** \$10.00



## Connecticut Fire Academy Winter Fire School



### Tricks of the Trade for Ground Ladders

**Instructor:** Joe McElroy

**Description:** Want to be proficient at carrying and raising ground ladders? This class will guide you to proper carries and raises of fire service ground ladders beyond the basics. Anyone can carry and raise a ground ladder. Are you proficient?

**Instructor Bio:** Joseph McElroy is currently a Recruit Program Coordinator for the Connecticut Fire Academy. Joseph has been with the Fire Academy since 2001. He is also a Program Coordinator for the Firefighter II & II classes at Litchfield County Regional Fire School. He has been with Litchfield regional Fire School since 1995. Joseph is a retired Shift Commander for the City of Torrington, serving for 26 years.

**Location:** Connecticut Fire Academy

**Class Date:** Saturday February 22, 2025

**Class Hours:** 8:00 a.m. to 12:00 p.m.

**Course Fee:** \$25.00

**Personal Protective Equipment Required - Gloves, helmet, and eye protection.**





## Connecticut Fire Academy Winter Fire School



### Truth and Tactics

**Instructor:** Pete Morotto

**Description:** This class will be a roundtable discussion on expectations vs reality on the fireground. This discussion will be focused on aggressive but smart fireground tactical decisions.

**Instructor Bio:** "To be the best, train with the best"... Peter Morotto currently serves as the Training Captain for the City of Bridgeport CT Fire Department and leads the Recruit Program as Drill Master. He has been in the fire service for 30 years. He has had the privilege of serving on some of the busiest fire companies in the city with most of the time spent on the Heavy Rescue. Peter has a passion for teaching and mentoring today's fire service; he serves as a Program Coordinator for the Connecticut fire academy for almost 20 years and is an adjunct instructor for Fairfield, Wolcott, and Litchfield County Regional Fire Schools. Peter has taught numerous classes on the national circuit at various trade show conferences both classroom and H.O.T. classes. Peter prides himself on giving back the knowledge and experience that was passed on to him from some of the best firefighters the Northeast has to offer.

**Location:** Connecticut Fire Academy

**Class Date:** Saturday February 22, 2025

**Class Hours:** 10:30 to 12:30 p.m.

**Course Fee:** \$10.00



# Connecticut Fire Academy Winter Fire School



## FLAIM Virtual Reality Simulator







**Registration Not Needed**

FLAIM developed the world’s first multi-sensory immersive learning solution for firefighters to replicate the stress and uncertainty of real-world emergency situations safely and cost-effectively.

FLAIM Trainer combines high fidelity virtual fire environments with real time physical interfaces to deliver the feels real virtual training experience, any place, any time in a safe cost-effective manner that safely prepares firefighters for the risks associated with fighting fires.

FLAIM Trainer uses a combination of a Virtual Reality Headset, Heat-vest (raises to 200+ degrees F) and 1.75” hoseline with nozzle (which has actual nozzle reaction) and a thermal imager. All tools to utilize to fully immerse the firefighter in the environment.

Stop by to see and try out this new technology that can benefit your department in many aspects

 <p><b>Immersive Simulation</b></p> <p>Delivering a physical world training solution in a safe, controlled virtual environment</p>	 <p><b>Virtual Environments</b></p> <p>High fidelity virtual experiences with a continuously expanding portfolio of scenarios</p>	 <p><b>Multi-Sensory</b></p> <p>Integrated physical interfaces to deliver the “Feels Real” virtual training experience</p>
 <p><b>Fire Science</b></p> <p>Proprietary algorithmic modelling delivers real fire behaviour in a virtual environment</p>	 <p><b>Biometric Performance</b></p> <p>Statistical learning outcome analysis to generate data driven decision making</p>	 <p><b>Live Feedback</b></p> <p>Real time data capture, analysis and training outcome feedback</p>



# Connecticut Fire Academy Winter Fire School



## Training solutions for routine, refresher, recruitment and return to work programs



### Learning Outcomes

- Improve skill retention and recall
- Develop situational awareness and decision-making skills
- Accelerate learning and improve focus
- Increase confidence in practical application
- Learn to train in teams with multi-user capability, including two hose crews, second firefighter, incident controller, observer roles



### Organisational Compliance

- Prepare for situations that can't be replicated in the real-world
- Reduce travel costs to training centres
- Improve compliance reporting with online data and analytics platform



### Accessibility

- On demand training, unlimited capacity
- Portable and easy to set up
- Reduced disruption to work



### Health and Safety

- Combat skills fade
- No risk to life
- No carcinogen exposure
- Reduction in training accidents



### Environmental

- No Water Consumption
- No PFAS Contamination
- No Co2 Emissions



# Stop By and Give It a Try!



Connecticut Fire Academy  
Winter Fire School



**Connecticut Fire Academy**  
34 Perimeter Road  
Windsor Locks, Connecticut 06096

Registration Questions - [CFA.support@ct.gov](mailto:CFA.support@ct.gov)

General Conference Questions - [paul.norwood@ct.gov](mailto:paul.norwood@ct.gov)



*We look Forward to Seeing You!*