

Seminar Series presentations are considered a supplement to firefighter and Fire Officer classes offered by the Connecticut Fire Academy. Classes provided by the Connecticut Fire Academy comply with NFPA standards and best practices of the fire service. Seminar Series are also based on these standards and practices but can and often do include opinions of the subject matter experts that are delivering the presentation. Attending any number of the Seminar Series will allow the student to, not only add to their existing training; but also encourage the student to choose from the opinions of different speakers to develop their own style of strategies and tactics at emergency scenes, as well as inspire them to acquire more knowledge on fire service subjects.



Non-Profit
Organization
U.S. Postage
Permit No. 2621
Hartford, CT
06101

www.ct.gov/cfpc
@CTCFPC

2016 Seminar Series
All held at Connecticut Fire Academy

Using Thermal Imaging and Modern Fire Dynamics to Improve Fireground Operations
Major Mike Richardson, St Matthews
Fire District Louisville KY
Friday June 10, 2016

Firefighting Operations in Mega-Mansions
Past Chief Greg Jakubowski,
Lingohocken Fire Co. PA
Christopher J. Naum, SFPE, Chief of
Training Command Institute
Friday August 12, 2016

Risk Benefit Overview, Does NIOSH "Get it Right?"
Deputy Chief Joseph Fleming,
Boston MA Fire Department
Friday October 21, 2016

Responding to and Preparing for Acts of Violence
Lieutenant Steven Hamilton,
Fort Jackson SC
Fire and Emergency Services
Friday December 2, 2016

Department of Emergency Services and Public Protection
Commission on Fire Prevention and Control
Connecticut Fire Academy
34 Perimeter Road
Windsor Locks, CT 06096-1069
860-627-6363, In-State Toll Free: 877-528-3473,
Fax: 860-654-1889



2016 Fire Service Instructor Development Seminar
Drill Ground Instructor Academy
Deputy Fire Marshal Bill Hopson, Ocean County NJ Office of the Fire Marshal
Saturday May 21, 2016

2016 Seminar Series • Using Thermal Imaging and Modern Fire Dynamics to Improve Fireground Operations



Using Thermal Imaging and Modern Fire Dynamics to Improve Fireground Operations



Friday, June 10, 2016

An Affirmative Action/
Equal Employment Opportunity Employer

Using Thermal Imaging and Modern Fire Dynamics to Improve Fireground Operations

This presentation will provide fire personnel at all levels with the knowledge they need to combine thermal imaging technology with the latest NIST and UL firefighting research to improve the effectiveness and safety of fireground operations. This will include the review of a large number of thermal imaging photos and videos from fireground operations where key concepts such as vent limited fire behavior, compromised structural integrity, flow path development, and victim survival profiling were in play. Firefighters will ultimately be able to apply thermal imaging in fireground operations with an understanding of both the capabilities and limitations.

The seminar will provide a review of the new key NIST & UL fire dynamics material, followed by a review of key thermal imaging fundamentals. Review of actual fireground operations demonstrating the pros and cons of using thermal imaging in fireground operations. Emphasis will be placed on both the capabilities and limitations of thermal imaging so students will have the knowledge to use it when warranted but also look for other options if it would not be beneficial.



Instructor Biography - Major Mike Richardson

Mike Richardson is a 30 year veteran of the Military and Fire Service, and is currently the Division Chief of Training & Safety for the East Jefferson County Fire Protection Districts in Louisville, KY. He is an ECU Fire & Safety Program graduate. In addition to instructing at FDIC for the past 10 years, he has also taught firefighters in over 38 U.S. States and

8 Countries. Mike served for three years as the Training and Technical Manager for Bullard Thermal Imaging and ten years as a Thermal Imaging Instructor for SAFE-IR. He has authored over 30 articles in various Fire Service publications to include Fire Engineering, Firehouse, Fire Rescue, Fire Chief, and the FDSOA Newsletter.



Student Application Form

A separate application is required for each course.

Please print/type and mail/fax with payment to:

CFPC
34 Perimeter Road,
Windsor Locks, CT 06096-1069

Fax number: (860)654-1889

Last Name _____ First _____

Address _____

City _____

State _____ Zip _____

Phone (Home) _____

Work _____

Cell _____ Pager _____

Fire Dept./Organization _____

Email _____

Check box if you would like to subscribe your email address to the CFPC listserv.

Are you 18 years of age or older? Yes No
(No one under 18 is allowed to participate in hands-on programs)

Returned Check Policy

A \$25.00 fee will be assessed to all returned checks (insufficient funds, stop payment, etc). In order to complete your registration after the receipt of a returned check, you must submit cash, money order, or a bank check including the amount of tuition and the returned check fee to the registrar.

Please insert your ID number below:

ID Number _____ - _____

Your ID consists of the first (3) letters of your last name and the last (4) numbers of your social security number.

Example: John Adams - SS# 000-00-5555
The new ID # will be ADA-5555

As Chief of the (**Fire Department**):

or as Supervisor of the (**Organization**):

Print **Name**:

I hereby authorize the above applicant to participate in the program below and, therefore, understand that the above-named individual will be covered by my organization's Worker's Compensation Insurance while participating in such training, and that the Commission on Fire Prevention and Control, its commissioners, officers, agents or employees shall not be liable for any injuries sustained during such training. This applicant is considered by my department's standards to be physically and emotionally fit to perform firefighting evolutions without special considerations, and where applicable, to meet the 29 CFR 1910.134 standard for the use of respirators (Self-Contained Breathing Apparatus).

Chief or Supervisor (Signature):

No application will be accepted without tuition, authorized signature and proof of prerequisite (if required).

Register me for the following course:

Course Title **Using Thermal Imaging and Modern Fire Dynamics to Improve Fireground Operations**

Course # **16300**

Date **Friday, June 10, 2016** Tuition **\$55.00**

Method of Payment - Payment is required at time of registration. Do not send cash.

Faxes must include Credit Card or Purchase Order #.

Check made payable to CFPC

Purchase Order # _____

VISA or MC Card # _____

Expiration Date: _____

Card Holder's Name: _____

Card Holder's Signature: _____