



Photo Credit: James Hearney-Passaic County Fire Academy



Photo Credits: Anthony Avillo, Director-Monmouth County Fire Academy, Joel Green, Instructor-Middlesex County Fire Academy, Chief Dave Wetzel-Morris County Firefighter & Police Training Academy

# 2023 Spring Brochure

## Fire Safety Training Program

New Jersey Division of Fire Safety &  
Kean University Fire Safety Training Program



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Routinely check the Division of Fire Safety and the Kean Fire Safety Training Program for additional 2022 course programs, events and updates:  
[www.keanfiresafety.com](http://www.keanfiresafety.com) and [www.state.nj.us/dca/divisions/dfs/index.shtml](http://www.state.nj.us/dca/divisions/dfs/index.shtml)

## Special Notice

Changes regarding class cancellation or the change to Zoom will be posted on the home page of our website as a blog. Students are responsible for checking the site prior to attending any class. We may not always send an email, so the website will be the official notice.

As a final note, we have added new locations for courses: Chubb Risk Engineering Center, Union County Fire Academy and Fire University. The addresses and directions are located at the back of this brochure. For students using navigational apps for Union County Fire Academy, you are advised to ONLY use Google Maps. All other apps/software will take you to a different location. Toms River Fire Academy is a new location for the Spring of 2023. This is NOT the same location as Ocean County Fire Academy. Please see the address and driving directions at the end of the brochure.



[www.keanfiresafety.com](http://www.keanfiresafety.com)

# Letter from the Fire Marshal

## *Welcome to the Spring 2023 Course Brochure*

Training is the spine of the fire service. It produces a well-prepared first responder that increases the speed and safety of an operation and enhances proper execution while reducing injuries.

A firefighter who arrives at an emergency unprepared, can be faced with life-and-death situations and will find themselves under undue additional stress to perform their duties.

Training benefits everyone: the firefighter, the company officer, the fire department, and the citizens we protect.

As you increase your knowledge and skills, there are many beneficiaries. Your department becomes a beneficiary, and your coworkers' become beneficiaries. Training allows for consistent operations and execution. The overall efficiency of the fire department improves and is recognized by the citizens you protect, which can be directly linked to good public relations. It also keeps morale high, which shows in every task of the department. The career firefighter will work in an enjoyable environment and the volunteer firefighter will look forward to participation in the various departmental functions.

As firefighters improve their skills, they make fewer errors and increase their ability to perform their duties safer and quicker. They gain confidence in themselves and can perform their job at a higher level. They develop pride in themselves and in their department. Training allows for continuous growth in their abilities and prepares them to assume more responsibility while grooming themselves for promotions.

As you train and continue to take these classes, remember that all firefighters need training. Rookie members need to learn basic skills and knowledge, and senior members need to refresh and to keep their skills sharp. Training fosters teamwork, cooperation, and ultimately, a safer fireground.

Stay safe,

**Rich Mikutsky**

Director, N.J. Division of Fire Safety  
State Fire Marshal

# Featured Training Academy Photos



Jefferson Twp. FD training at Morris -  
Photo by Chief Dave Wetzel



1st - Paratech class at Morris CFA - Photo by Leandra Kane



Morris CFA - Photo by Scott Warner



Monmouth CFA - Photo by Anthony Avillo



Union County Fire Academy -  
Photo by Michael L Tomich



# Registration Instructions

## Web-based Course Registration Process

Registration is exclusively through web-based course registration process. Phone registration is not accepted.

## Enrollment Instructions

Prior to beginning the enrollment process for any course, please read the course brochure for instructions and details, such as, if a parking permit is needed or a new location exists.

To begin the enrollment process for the N.J. Division of Fire Safety courses, you must create an account if you have not already done so or enrolled in a class since March 2020. You can now begin the enrollment process by clicking on the date/location in the brochure that you would like to attend. If you have not already logged in, you will be prompted to do so and then directed to enroll.

## Create a New Account (for those who have NOT created an account and/or taken a class since March 2020)

- Go to the web site [www.keanfiresafety.com](http://www.keanfiresafety.com)
- Go to Log In. (Log In button is in blue box at top right of [keanfiresafety.com](http://keanfiresafety.com) home screen.)
- Click/enter Log In.
- The next page you will be directed to is: [www.keanolt.ourclassroom.net](http://www.keanolt.ourclassroom.net) (background photo is Newark, NJ).
- Scroll down to the box that reads, “If this is your first time here, please click Create Account” Click on the button “Create new account”.
- Fill out requested information on this screen. Complete all required fields as indicated by a red exclamation mark. **Please make note of User Name and Password as this will be used to log into your account going forward.**
- **We suggest providing an email address that can be accessed from home and is of a permanent nature. For example, Yahoo, GMAIL, Hotmail. You will need to be able to check this email the night before classes to learn of any changes.**
- **Fire ID is your six digit DFS Fire Service ID Number**
- Click/enter Create New Account.
- Please allow 24 to 48 hours before logging in and attempting to register for classes in order to allow time for the account approval process.

## Log into existing account (for those who have already created an account)

- Go to the web site [www.keanfiresafety.com](http://www.keanfiresafety.com)
- Click/enter Log In. (Log In button is in blue box at top right of [keanfiresafety.com](http://keanfiresafety.com) home screen.)
- The site you will be directed to is [www.keanolt.ourclassroom.net](http://www.keanolt.ourclassroom.net) (background photo is Newark, NJ).

## To enroll in a course

You may register for courses only if you have an account. Please note the Log In and/ or Create New Account instructions above.

- Upon logging in, you will be directed to the Home Screen. This page has a yellow bar across the top and four icons, Dashboard, Calendar, Badges and All Courses in the upper center part of the screen.
- Click/ Enter All Courses. You will be directed to a page with a search bar and a link to Live Courses. Locate a Course you wish to enroll in by typing the course name in the search bar or by clicking the link to Live Courses and then scrolling through the list of courses.
- Select the course you would like to enroll into and verify the location and date associated with that title.

# Registration Instructions

- After the class page opens, if it is the correct course you're interested in, click the "Enrol Me" button after confirming the date listed is the date you'd like to attend. Please enroll in the class no later than 8:30 a.m. the date before it is scheduled.
- If you see a message, "Unable to join", it is because it is trying to direct you to a zoom class that is not ready to start, as it is still in the future. You can join your previously registered Zoom class 15 minutes before it is scheduled to begin. Follow the screen prompts to join Zoom.
- After clicking the "Enrol Me" button, you can verify your registration by clicking on the calendar and confirming that the class shows on the date it is scheduled. On the day of class, if it is a Zoom class, you can join by clicking on the blue Zoom icon on your calendar.

## To Withdraw from a course

- Go to the web site [www.keanfiresafety.com](http://www.keanfiresafety.com)
- Click the Log In button. (Log In button is in blue box at top right of [keanfiresafety.com](http://keanfiresafety.com) home screen.)
- The next page you will be directed to is: [www.keanolt.ourclassroom.net](http://www.keanolt.ourclassroom.net) (background photo is Newark, NJ).
- Login to your account.
- Click the down arrow at My Courses and you'll see a dropdown menu that include the course(s) in which you have Registered/Enrolled.
- Click on the class from which you want to Unenrol/Withdraw.
- Click the Cog (box with gears icon) to the left of My Courses.
- Click the picture of the Cog that is on the next screen.
- Confirm that the course showing on the screen is indeed the class from which you'd like to Unenrol/Withdraw.
- Click the link that reads "Unenrol me from (class name)".
- Click the Continue to confirm the unenrol/withdraw.

## For Zoom

Participation is required so, if an instructor asks for feedback/response, please either chat or unmute the microphone to communicate. If speaking audibly, please introduce yourself first. If you're not able to chat or speak, please email your responses to [jsteele@kean.edu](mailto:jsteele@kean.edu).

As part of the participation aspect, the facilitator will announce a code word at three random times and you should type that word in the chat area so the facilitator can take note of your attendance.

The class format will be similar to in-person classroom courses with a morning/afternoon break and 60 minute lunch, if class is a full day, or if a half day class, the class will take one break. If the class is a half day you will get .25 CEUs, not .50.

**All communications regarding courses will be via a posted announcement in the blog section of the home page of [www.keanfiresafety.com](http://www.keanfiresafety.com). You are responsible for checking this notice prior to attending any course. You may not receive an email announcing any changes.**

# Registration Instructions

## Registration Period

Registration begins February 22, 2023 and will continue through the current Spring semester. Registration for each course closes 24 hours prior to class start time. You may register for a maximum of six (6) courses each semester. In special cases you may register for additional classes over the maximum limit, but only on a space available basis and approval by N.J. Division of Fire Safety. Please call 609-777-3552 for approval. Credit will not be issued for repeat courses which have already been completed within your active certification cycle, with the exception of Code Update. The N.J. Division of Fire Safety reserves the right to limit the number of enrollments per person.

## Course Confirmation

Courses in which you have enrolled/registered can be viewed on your online account. Please review the following steps to ensure you're properly enrolled/registered.

For Zoom classes, please log into your online account and check your courses on your calendar. There will be an icon of a blue circle with a camera. You will click this icon to join Zoom and follow the onscreen prompts.

For in person classes at an academy, please login to your account and click "My Courses" in the upper left of the screen. You will then see a drop down list of the classes in which you're enrolled/registered.

## Multiple Dwelling Inspector Information

UCC Fire Inspectors/ Officials who also hold a Multiple Dwelling Inspector license may use any one of the following Code Enforcement courses per three-year license cycle for renewal of a multiple dwelling license. Further information may be obtained by calling 609-984-7834. The following courses qualify for Multiple Dwelling Inspector credit: Basics of Fire Sprinklers and Fire Pumps, Carbon Monoxide Alarm Regulations, Code Update, Fire Escape Inspections, Fundamentals of Automatic Sprinkler Systems, Principles of Modern Building Construction, Subchapter 4: "Retro-fit Requirement" Where are we now, and Woodframe Construction Principles.

## Course Hours

Unless otherwise noted in the course description, all courses begin promptly at 8:30 a.m. and conclude at approximately 3:30 p.m. Please note all instructors have by contract agreed that they will provide the minimum number of contact hours that the N.J. Division of Fire Safety requires in awarding the credit amount indicated for each course. They are not allowed to adjust the course length without permission from the N.J. Division of Fire Safety or Kean University. Providing an early dismissal without permission could jeopardize the ability of the N.J. Division of Fire Safety to grant credit for your attendance in the course.

## Course Credit

In order to receive course credit, you must check in with the course facilitator, be present prior to the start of the class and in the classroom for the entire course. Credit may not be granted if you arrive late, return late from lunch and breaks, leave the location early or frequently leave the classroom while the course is in session. This applies to in person and virtual / Zoom classroom instruction.

# Registration Instructions

Additionally, you may not receive course credit if you are observed to be using the internet, reading a newspaper/ magazine or engaging in behavior in such a manner that is not conducive to your participation in the class or causes a disruption / distraction to other students or the instructor. If you are asked to discontinue such behavior and you do not immediately comply you may not receive credit. The facilitator and instructor have the right to ask for your cooperation and they are not required to repeat that request. In other words, by reading this notice and agreeing to these terms you acknowledge that you will not receive more than one request to cooperate and failure to immediately do so may result in no credit being given.

By registering for any Division of Fire Safety course, students agree to abide by all Federal, State, County and Municipal regulations/guidelines at locations where courses are scheduled. Failure to abide by said regulations/guidelines will or may result in the student being asked to leave the class by Division of Fire Safety Staff, Kean University Staff, Course Facilitator or Academy Staff.

The amount of credit assigned depends on the length of the class. For half day classes ( 2.5 to 3 hours instruction) the award is .25 CEU's and for full day classes (minimum of 5 hours instruction) the award is .50 CEU's.

## **Dress Code**

The New Jersey Division of Fire Safety has instituted a dress code for attendance at courses. Proper dress for all students is either a department uniform or a collared shirt and dress slacks. Females may wear a skirt or dress. **No jeans, shorts, halter tops, sleeveless shirts, sweat clothes, tee shirts, hats or flip-flops are permitted at any NJDFS courses, exams or conferences.**

Dress may be modified by request of the instructor and facility representatives may enforce this dress code and those who do not comply may be dismissed from this course and/or lose credit.



# Request for Course Proposals

The New Jersey Division of Fire Safety strives to provide the NJ Fire Service Instructors and Code Enforcement officials with access to timely, informative and effective training and education. To stay current with changing demands and requirements placed on all first responders, the Division, in cooperation with Kean University, issues this Request for Course Proposals for upcoming semesters from qualified individuals interested in teaching and training the Fire Service community.

Specifically, the Division of Fire Safety requests proposals for continuing education courses related to training, education and communications issues relevant to fire service personnel throughout New Jersey. New proposals can cover a myriad of topics ranging from management and leadership skills to inspections and instructor specific courses. Current hot topics, including operations as well as fire service health and safety, also will be considered.

The Division of Fire Safety working through the Kean University Fire Safety Program desires to contract with instructors who have designed their programs to be delivered in a classroom and/or on-line through Zoom. Either a 2.5 or 5.0 contact hour format is encouraged. This change in instructional delivery of our training programs is warranted to promote safety and health of our stakeholders and first responders.

The Division encourages potential instructors to submit new ideas, teaching methods and programs as part of this call for proposals. Ultimately, these proposals will be judged on their timeliness, effectiveness, quality and relevance to the fire service. All proposals must include a detailed fee structure for development and execution as well as professional references.

This Request for Course Proposals is detailed and comprehensive. To be reviewed and/or considered for an upcoming teaching assignment, please submit all materials outlined in the Course Proposal checklist attached to this notice. Submissions that do not include all items referenced on the checklist will not be reviewed.

Please email completed materials to:

**Karen Grant-Haber, Director**  
**[kgrant@exchange.kean.edu](mailto:kgrant@exchange.kean.edu)**

For more information, contact the Fire Safety Training Program at:  
908-737-3060 or via email at [firesafety@kean.edu](mailto:firesafety@kean.edu).



**KEAN**

**FIRE SAFETY TRAINING PROGRAM 2023 REQUEST FOR COURSE PROPOSAL**

# Request for Course Proposals

## Course Proposal Checklist



To ensure the highest evaluation possible, please email the completed checklist and all referenced items along with your course proposal to [jsteele@kean.edu](mailto:jsteele@kean.edu).

- Course title is clearly identified in materials
- Course objectives are clearly defined
- Target audience and sub-codes to be addressed are indicated
- Detailed course abstract is included
- Sample and/or description of audio-visual materials is provided
- Resume and/or statement of qualifications are attached
- References and/or statement of experience are attached
- Detailed cost breakdown is included
- One copy of the completed proposal is included

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Signature: \_\_\_\_\_

**FIRE SAFETY TRAINING PROGRAM 2023 REQUEST FOR COURSE PROPOSAL**

# Spring 2023 Calendar of Events

## FEBRUARY

### EO Meeting

Friday, February 24, 2023

Somerset Tier-1

## APRIL

### International Association of Fire Chiefs Eastern Division 2023 Annual Conference

April 21-22, 2023

For more information visit: <http://www.ediafc.com/page/conference>

### NJ Weekend

April 29-30, 2023

National Fire Academy

16825 Seton Avenue Emmitsburg, Maryland

For information visit: [www.keanfiresafety.com](http://www.keanfiresafety.com)

## MAY

### EO Meeting

Friday, May 19, 2023

Monmouth Tier-1

### NJDFS Fire Bowl

May 24, 2023

Kean University - STEM Building

1075 Morris Avenue Union, NJ 07083

## JUNE

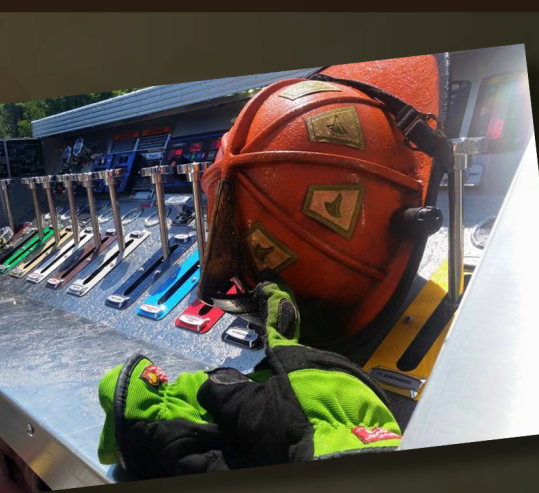
### Homeland Security & Fire Safety Conference

June 6, 2023

Kean University - STEM Building

1075 Morris Avenue Union, NJ 07083

# Firefighters, Inspectors and Officials share your training photos with us!



Share your experiences with other  
fire departments and organizations.



Photo credit: Middlesex County Fire Academy



[www.keanfiresafety.com/photo-submission](http://www.keanfiresafety.com/photo-submission)

# We're Now on Social Media!

We'll be exploring and sharing topics related to health, fitness and community risk reduction. Please contact our office if you have any community news your Fire Department would like us to share.

Search: @keanfiresafety  
on Facebook and Instagram.

Our profile picture:



# Health and Wellness in the Fire Service

Thank you for joining us as we continue to explore new ideas and ways to better manage our Health and Wellness.

As you look through this brochure, you'll see we are offering a number of classes that are focused on health and wellness, such as:

## **Diet and Exercise for Peak Firefighter Performance**

Cancer, heart disease, diabetes, depression, and obesity are leading firefighter illnesses. Diet and exercise are proven solutions to improve wellness and tactical performance, but the media and the firehouse are filled with contradictory information on these topics. This 2.5-hour course explores the link between a firefighter's diet, exercise, nutrition, and chronic disease. It presents research from Harvard University, the Salk Institute, and leading academic journals. It examines the Keto Diet, Mediterranean Diet, and time-restricted eating. The instructor presents expert recommendations on the amount of exercise, type of exercise, and how to adjust fitness routines with age. Given chronic exposure to carcinogens, pathogens, and sleep deficit, the course goal is to identify diet and exercise routines for peak firefighter performance.

## **Health and Wellness for the Emergency Responder**

Health and wellness in the emergency services profession is essential for a successful career but also a personal life that is not riddled with stress from the job. How do we, the ones on the frontlines, take care of ourselves? This is a question that is multifaceted and includes many factors. Therefore, in this course we will discuss how stress impacts the body and mind, the importance of physical and mental wellness, healthy eating habits, working together through stress, and one of my favorites in battling the challenge of this profession, mindfulness. All of these factors will be presented with practical examples for all students to utilize in their everyday lives. This class is based on real life examples of what works to deal with our stress from an emergency responder who is still in the emergency services profession as a Battalion Chief and a Shift Commander in a department that experienced one of the worst line of duty death incidents in fire service history. Therefore, there is practical evidence that with a focus on health and wellness, responders can have a happy and healthy career. I hope you will join us for this highly interactive and informative session.

## **Incorporating Safety into Your Training**

We go to great lengths to ensure the safety of our firefighters when operating on the fireground. Do we have the same concern for safety during firefighter training? Over the past 10 years, the fire service has suffered an average of 8 line of duty deaths per year during training. This class will present ideas on how you can ensure firefighter safety during training by looking at common safety issues and basic precautions that can be taken to avoid injuries and fatalities. Several case studies of firefighter line of duty training injuries and deaths will be discussed.



# Academy Spotlight

## Toms River Fire Training Center

1780 Church Rd., Toms River, NJ 08753  
Tel: 732-255-4024



Toms River Fire has a training center that is one of the three state-approved fire training facilities in Ocean County. Learn more about our facilities, program, and registration process:

### About Our Facilities:

The Administration Building is the main building on the training center grounds. It houses the offices for the fire training center directors and several classrooms, all of which are capable of holding separate courses. Two of the classrooms are separated by a collapsible partition that, when opened, will hold many students in one classroom.

### Training Areas:

On the west side of the Administration Building, you will find an indoor training area. This garage like room has three overhead garage doors for fire apparatus that is needed for training along with bleachers for students to sit during indoor training sessions. The area provides a location to enhance hands on skills including donning PPE, SCBA preparation, ropes and knots practice, and salvage and overhaul.

The main fire training building offers 4 floors of training including 4 different areas for "live fire" training utilizing Class A burn materials. Multiple rooms, floors, stairs for search and rescue, a stair tower for high rise training and plenty more.

### Additional Training Areas:

- Maze building for SCBA training with both beginner and advanced levels for training.
- Large open area for extrication training with an enclosure housing bleachers for students observing and/or rehabilitation.
- Propane props with a vehicle and a 100lf cylinder
- Dumpster for outside Class A burns
- Expansive area for Tech Rescue training, trench, collapse, vehicle crash, multiple scenarios

### Introductory Firefighting Training:

Due to state mandates and firefighter safety considerations, Toms River firefighters must pass an NJ State Level 1 and 2 Firefighter 300 hours of introductory training.

Our state-certified fire instructors conduct the training. The Firefighter Level 1 and 2 course is held annually at the training center along with many advanced courses each semester, as well as state-mandated annual training.



# Administrative Courses

## **NEW** Building Strong Teams

**Instructor:** Claudia A. Monte, Principal, Consultant, CAM Consulting Group, LLC

The power of teamwork comes from having all individuals in an organization rowing in the same direction to achieve a common goal. The leadership challenge is getting those individuals with diverse personalities, experiences, and levels of expertise to work together as a team. Using lessons learned from Captain D. Michael Abrashoff, author of *It's My Ship*, we will navigate how to effectively lead and build strong teams. Participants will leave understanding how the quality of team relationships directly impacts performance, trust, retention, and customer satisfaction (internal and external).

**THURSDAY, MARCH 23**

**ZOOM – HALF DAY**

**THURSDAY, JUNE 8**

**ZOOM – HALF DAY**

## Community Risk Reduction: Integrating Our Efforts

**Instructor:** Lt. Michael O. McLeier, President, E.S.C.A.P.E. Fire Safety

This course is intended to familiarize fire operations personnel with the concepts of community risk reduction, stressing their importance in today's tough economic times. It is more important than ever for the fire service to seek innovative mitigation strategies to manage call volume and improve firefighter and public safety. This course was created by Vision 20/20, a project of the Institution of Fire Engineers, USA in cooperation with the National Fallen Firefighters Foundation and the National Fire Academy. The goal of this course is to provide national strategies to be utilized at the local level for fire loss prevention.

**WEDNESDAY, APRIL 19**

**ZOOM – FULL DAY**

**TUESDAY, MAY 9**

**MONMOUTH COUNTY FIRE ACADEMY**

**WEDNESDAY, MAY 10**

**TOMS RIVER FIRE ACADEMY**

## Connecting and Interacting with Challenging Boss Behaviors

**Instructor:** Anthony Correia, Fire Chief/Director

Dealing with difficult bosses many times negatively impacts employee work performance. They can create a toxic work culture, as well as cause employee stress. In fact, harmful workplace practices are one of the leading causes of stress in the US. Bad bosses lead to high levels of absenteeism and high turnover. In the fire service, bad bosses can contribute to poor fireground decisions that can hurt or kill someone. This program will provide insight on how to identify as well as how to interact with difficult bosses to obtain more positive results and reduce their ability to create a toxic workplace. We will use evidence-based best practices, the presenter's experiences, as well as the experiences of the students to study this issue and develop practical, real-world skills to deal with this phenomenon towards obtaining positive results.

**WEDNESDAY, APRIL 19**

**ZOOM – FULL DAY**



# Administrative Courses

## Effective Budgeting for the Fire Official

**Instructor: Patrick W. Bigoss, Lumberton Twp. Fire Official (Ret.), Camden County College, Faculty Coordinator (Ret.)**

This program is the basis for the Fire Official course budget lessons. The concept of budgeting will be fully covered with comparisons and requirements for Government budgets contrasted to personal or commercial budgets. There will be detailed reviews of Large City budget compared to smaller townships and Fire Districts. Advantages and disadvantages of all will be discussed.

<b>TUESDAY, MARCH 21</b>	<b>ZOOM PART A</b>
<b>THURSDAY, MARCH 23</b>	<b>ZOOM PART B</b>
<b>SATURDAY, APRIL 29</b>	<b>ZOOM PART A</b>
<b>SATURDAY, MAY 6</b>	<b>ZOOM PART B</b>
<b>TUESDAY, MAY 30</b>	<b>ZOOM PART A</b>
<b>THURSDAY, JUNE 1</b>	<b>ZOOM PART B</b>

## Emotional Intelligence – Our Other Intelligence

**Instructor: Claudia A. Monte, Principal, Consultant, CAM Consulting Group, LLC**

Emotional Intelligence (EI/EQ) resides in the critical part of our brain that allows us to recognize our own feelings and those of others. All communication is filtered through our EI, so “how” we manage our emotions and express ourselves has a direct effect on our personal and career successes. By understanding the connection between our cognitive (IQ) and emotional intelligences, we can become more effective dealing with others and sustaining healthy relationships. Participants will leave knowing how to harness the energy of emotion to achieve productive outcomes.

<b>THURSDAY, APRIL 20</b>	<b>ZOOM – HALF DAY</b>
<b>THURSDAY, MAY 18</b>	<b>ZOOM – HALF DAY</b>

## Handling Difficult Situations

**Instructor: Claudia A. Monte, Principal, Consultant, CAM Consulting Group, LLC**

There are difficult people everywhere. There are tough situations that we must face. Handling conflicts, differences, and diverse personalities are part of our personal and professional lives. Learning how to identify behaviors of difficult people, control emotions, and communicate assertively helps drive constructive outcomes. Participants will leave knowing how to keep issues and people from having a negative and stressful effect on them.

<b>THURSDAY, MARCH 30</b>	<b>ZOOM – HALF DAY</b>
<b>THURSDAY, MAY 11</b>	<b>ZOOM – HALF DAY</b>

# Administrative Courses

## Harassment, Diversity and Social Media: Issues for the Emergency Services

**Instructor:** Robert V. Hill, Sr., Director (Ret.), Rowan College South Jersey / Fire Academy

Recent court decisions require employers to have a workplace harassment policy and train supervisors and managers on how to respond to complaints, as well as offering this training to all employees. This recently updated course offers common sense approaches to recognizing and responding to complaints of harassing or discriminating behavior. In addition to workplace issues, the emerging problem of social media posts versus First Amendment Rights is also discussed with proactive recommendations offered.

**MONDAY, APRIL 24**

**MONMOUTH COUNTY FIRE ACADEMY**

**FRIDAY, MAY 12**

**ZOOM – HALF DAY – PART A**

**MONDAY, MAY 15**

**ZOOM – HALF DAY – PART B**

## **NEW** Looking Through Johari Window

**Instructor:** Claudia A. Monte, Principal, Consultant, CAM Consulting Group, LLC

Communication is challenging because learning styles and comprehension are unique to everyone. The way we share a message, show sensitivity to others, and create mutual understanding has a decided impact on results to be achieved. When you look through the *Johari Window*, the connection between effective communication styles, emotional intelligence, and group dynamics becomes clearer. Participants will leave with better understanding of the core competencies needed to communicate confidently.

**THURSDAY, APRIL 27**

**ZOOM – HALF DAY**

**THURSDAY, JUNE 1**

**ZOOM – HALF DAY**

## **UPDATED** Managing the Local Enforcing Agency

**Instructors:** Timothy Paar, Dwayne Breeden, Paul Elenio, Anthony Dooley and William Hendrickson, the New Jersey Division of Fire Safety, Local Assistance Unit.

This administrative course is designed for local fire officials and inspectors to focus on the principal responsibilities in managing a local enforcing agency through the NJ Uniform Fire Code. During this full day course, we will discuss N.J.A.C. 5:70 subchapter 2 and N.J.A.C. 5:71, “the yellow tabs” of the red book. We will focus on understanding the requirements to become a successful fire official in the state of New Jersey.

**WEDNESDAY, APRIL 26**

**BURLINGTON COUNTY ESTC**

**TUESDAY, MAY 23**

**MIDDLESEX COUNTY FIRE ACADEMY**

# Administrative Courses

## Presentation Skills for the Fire Service; How to Provide an Effective Presentation

**Instructor:** Adrian J. Cales, Corporate Security Operations Manager, Public Service Enterprise Group, Detective Sergeant (Ret.), Arson Investigations Unit, Bergen County Prosecutor's Office

As a fire service professional, it is inevitable that you will be called upon to make a departmental presentation, provide instruction to other firefighters, or perhaps, you may have to speak in front of a civic group, or to a group of non-fire service people on a fire service topic. Being able to feel comfortable in that atmosphere takes preparation, practice and presentation skills. Knowing the subject, and having the knowledge, the experience, and the background to say it correctly is probably not the issue at hand; it's knowing how to say it, and how to present the topic and the material so that others understand that often is the problem for the speaker/presenter.

**TUESDAY, APRIL 4**

**BERGEN COUNTY FIRE ACADEMY**

**WEDNESDAY, APRIL 19**

**TOMS RIVER FIRE ACADEMY**



Photo credit: Leroy Pierce - Salem County Fire Academy

# Administrative Courses

## Principles of Dynamic Leadership

**Instructors: Robert G. Moran, Fire Chief, Brewster, MA and John J. Lewis, Lieutenant (Ret.)  
City of Passaic FD and Bergen County Fire Academy**

When ascending through the ranks fire service leaders will face a variety of foreign and adverse operational, administrative, and personnel related challenges. In order to become an effective, respected, self-motivated, and dynamic leader capable of managing through these difficult situations one must build a solid foundation of practical leadership based knowledge, skills, and abilities. If you are searching for an exceptional leadership program that will deliver these vital capabilities in a forum different from the typical uninspiring and predictable human resource based training session then this is the course for you. Using an interactive forum and years of experience in volunteer, career, and combination type fire departments the instructors will discuss the leadership traits, styles, and emotional intelligence necessary to turn department members into effective followers, cohesive teams, and organizational all-stars. The theory of “You Own It All” leadership in which bosses accept the crucial responsibility of ensuring their subordinates are well trained, disciplined, support department goals and objectives, and remain consistently prepared will be identified and examined. Additional program elements include sections on discipline, building robust relationships, coaching, mentoring, communication, and the recognition of several other leadership methodologies such as respect, loyalty, trust, honesty, and empowerment that foster team building and company and organizational excellence. While many of us wish the days of “because I said so” leadership and management still thrived in the fire service the reality is that we will never see those times again. Today’s employees are smarter, more communicative, better educated, socially adept, and inquisitive. Join us for a dynamic, group based discussion on how to become the type of company officer and fire department executive who is capable of surviving in today’s fire service and fire prevention leadership world.

**SATURDAY, MAY 6**

**ZOOM – HALF DAY**

## Public Education: Fire Safety Programs for Preschool and Elementary Students

**Instructor: Joseph Vallo, Battalion Chief, Jersey City Fire Department, Chief of Training, On the Job Fire-Rescue, LLC**

Fire Prevention Programs for Preschool & Elementary Students is the 1st of 3 Public Education programs built exclusively for the Fire Service. This course addresses community outreach by Fire Department personnel on the most basic level for Fire Fighters and civilians utilizing training techniques, resources and facilities that support the most vulnerable. Fire Fighters shine a positive light on society and maintaining a positive image is paramount to successful public relations involving fire prevention and safety within our communities.

**SATURDAY, APRIL 22**

**OCEAN COUNTY FIRE ACADEMY**

# Administrative Courses

## **UPDATED Public Education: Innovative Fire Safety Programs for Teens and Adolescents**

**Instructor: Joseph Vallo, Battalion Chief, Jersey City Fire Department, Chief of Training, On the Job Fire-Rescue, LLC**

Innovative Fire Safety and Prevention programs for Teens and Adolescents is the second of a three part Pub Ed Series meant to prepare instructors to create an interest and specifically educate young adults in the Fire and Emergency Services while providing consistent community- based Fire Safety and Prevention programs to a diverse public. Instructors learn new developments in education and social environments that are needed to meet student expectations in various skills and capabilities while offering opportunities through practical and classroom education involving the Emergency Services field. Instructors learn how to maintain student interest in the Emergency Services Basic training requirements and the value of continuing education while understanding their responsibility in projecting a positive image to themselves and to others with hands on and problem-solving exercises. Physical training aspects of Emergency Services and other challenges within the educational environment enhance learning experiences and retain interest. In addition, instructors are informed of various liability protections and the importance of contracts and documentation.

**THURSDAY, APRIL 27**

**UNION COUNTY FIRE ACADEMY**

## **Public Education: Fire Safety & Prevention Programs for Families & Seniors**

**Instructor: Joseph Vallo, Battalion Chief, Jersey City Fire Department, Chief of Training, On the Job Fire-Rescue, LLC**

Developing a fire safety and prevention program for families and seniors requires careful consideration of many factors. Seniors, individuals over 65 years of age, make up the fastest growing segment of the population and they have a variety of special needs. The traditional family unit is also changing to a growing diversity and may include multiple generations and even multiple families in one building. Attendees will learn to develop and implement a program focused on the varying needs of these groups. This course will emphasize preparedness, communication and consistency in educating families and the senior community. Information will be given on how to utilize volunteer and professional organizations as well as draw upon internal personnel, equipment and other resources. Attendees will also be provided with tips and drills to use in the field.

**WEDNESDAY, MAY 31**

**SOMERSET COUNTY ESTA**

# Administrative Courses

## Youth Firesetter Awareness

**Instructors:** Joseph Ehrhardt, Juvenile Justice Administrator (Ret.), Youth Firesetter Intervention Program Manager (Ret.) Current Fire and Life Safety Educator and Fire Service Trainer and Helge Nordtveit, Fire Captain (Ret.) Youth Firesetter Intervention Program Manager (Ret.) Current Fire Official, Fire Instructor and Fire Service Trainer

Does your community have an issue with children using fire in unsupervised or dangerous ways? If you said “Yes”, are you comfortable with your community’s response? If you said “No”, how educated are you on the issue and are you comfortable with a reliance on the status quo? If you said “I don’t know”, there are several steps that you can take immediately to learn about and respond to this often hidden, misunderstood, and potentially deadly and destructive issue.

**TUESDAY, MARCH 21**

**ZOOM – HALF DAY**

**WEDNESDAY, APRIL 19**

**ZOOM – HALF DAY**

**THURSDAY, MAY 4**

**ZOOM – HALF DAY**



# Technical Courses

## Active and Passive Fire Protection in the Built Environment

**Instructor: Ronald E. Kanterman, Executive Inspector, FDNY-Bureau of Fire Prevention**

Discussion includes an in-depth look at the design, installation, maintenance, code requirements and application of: sprinklers, standpipes, CO<sub>2</sub>, halon, dry chemical, wet chemical, clean agent, smoke purge, foam and specialty systems. New technology in fire protection and suppression systems is also introduced.

**WEDNESDAY, MARCH 29**

**ZOOM – FULL DAY**

**FRIDAY, MAY 19**

**BURLINGTON COUNTY ESTC**

## Carbon Monoxide Alarm Regulations

**Instructor: Patrick W. Bigoss, Lumberton Twp. Fire Official (Ret.), Camden County College, Faculty Coordinator (Ret.)**

This program provides a review of the development and expansion of Carbon Monoxide Alarm regulations from 1999 through September 2017. The program will review appropriate elements of Chapter 23 of the Uniform Construction Code as well as Chapter 70 of the Uniform Fire Code. The Fire Official will understand how the two codes work together to provide protection for building occupants.

**TUESDAY, APRIL 18**

**ZOOM – HALF DAY**

**TUESDAY, MAY 2**

**ZOOM – HALF DAY**



# Technical Courses

## Code Update

**Instructor: Patrick W. Bigoss, Lumberton Twp. Fire Official (Ret.), Camden County College, Faculty Coordinator (Ret.)**

This course is **required** for working Fire Officials and Fire Inspectors as part of the three-year renewal cycle for fire inspectors and fire officials. This seminar was updated in January 2022. The course will cover the current planning for adoption of the IFC NJ 2018 edition. It will also touch on topics including Covid 19 status and DFS position, NJAC language updates planned to correct errors. It will also review select permits including fireworks and food trucks as well as an overview of select chapters of the New Jersey Uniform Fire Code Chapter 5:70-1, 2 and 4 and the IFC 2015 NJ Edition. **Zoom option is half day.**

<b>TUESDAY, MARCH 28</b>	<b>ZOOM PART 1</b>
<b>TUESDAY, APRIL 4</b>	<b>ZOOM PART 1</b>
<b>SATURDAY, APRIL 15</b>	<b>ZOOM PART 1</b>
<b>THURSDAY, MARCH 30</b>	<b>ZOOM PART 2</b>
<b>THURSDAY, APRIL 6,</b>	<b>ZOOM PART 2</b>
<b>SATURDAY, APRIL 22</b>	<b>ZOOM PART 2</b>

## Concrete Parking Decks and Garages

**Instructor: Brian Bennett, Iselin Fire Department**

Concrete parking decks/garages are found in almost every jurisdiction as land becomes developed and the only option for parking cars is in vertical structures. This class will help you prepare for incidents in these structures by introducing you to the characteristics of concrete and concrete construction, the types of concrete construction and the hazards associated with each. The components and techniques used to construct above ground and below ground concrete parking decks/garages and how they are assembled into the completed structure will be covered. The tactics used to fight horizontal and vertical fires in these structures will be reviewed, including the safety issues and case studies that involved fires and collapse in these structures.

**TUESDAY, APRIL 11**

**MIDDLESEX COUNTY FIRE ACADEMY**





# Technical Courses

## Fire Departments Responsibilities at Incendiary Fires

**Instructors: Bob Disbrow, IAAI-CFI, Fire Captain/Investigator and Robert Seeburger, Battalion Chief Special Operations Command**

The Fire Officer's and Firefighter's responsibilities at the fire scene are critical. The actions taken by the officers and the members of the fire suppression companies can either help or hinder the fire investigation. Topics include: Fire Officer roles and responsibilities, evidence protection, fire scene overhaul, fire pattern identification, fire causes, incendiary device identification, fatal fires, report narrative and how not to compromise a fire scene.

**FRIDAY, MARCH 31**

**ZOOM – FULL DAY**

## Fire Escape Inspections

**Instructor: John Thomas, Fire Inspector Services, LLC**

This course will provide information on how to conduct a fire escape inspection as well as information on fire escape companies as compared to welding companies. The course is designed to assist the Fire Official and Fire Inspector observing that fire escapes have been inspected properly and that repairs have been completed by a fire escape company that will certify the fire escape for 5 years.

**TUESDAY, APRIL 18**

**ZOOM – FULL DAY**

## Fire Extinguisher Training

**Instructor: David Pelton, National Association of Fire Equipment Distributors**

The fire extinguisher training program is designed to be used as a training program for authorities having jurisdiction (AHJs) and other interested parties. It is designed to assist the AHJ in recognizing the proper selection, placement, classification, and maintenance of portable fire extinguishers. The content of the class is based on the requirements of NFPA 10, *Standard for Portable Fire Extinguishers*, and includes descriptions and examples of typical industry practices regarding the placement, installation, inspection, maintenance and service of fire extinguishers.

**THURSDAY, MARCH 30**

**ZOOM – FULL DAY**

**TUESDAY, MAY 9**

**UNION COUNTY FIRE ACADEMY**

# Technical Courses

## Fire Incident Report Writing

**Instructors:** Vincent Campagna, New Jersey Division of Fire Safety and Ashley Bledsoe, New Jersey Division of Fire Safety

This course will identify the importance of Fire Incident Report Writing. How to properly document and articulate your fire incident including how to write a narrative. Report writing skills to include who, what, where, when, why, how and C.A.R.T (Complete, Accurate Reliable and Timeliness).

**FRIDAY, MARCH 17**

**MIDDLESEX COUNTY FIRE ACADEMY**

**TUESDAY, APRIL 11**

**SOMERSET COUNTY ESTA**

**SATURDAY, APRIL 15**

**ZOOM – FULL DAY**

**THURSDAY, APRIL 20**

**UNION COUNTY FIRE ACADEMY**

**TUESDAY, JUNE 6**

**UNION COUNTY FIRE ACADEMY**

## Fire Investigation; Considering the Role of Natural Gas and/or Electricity

**Instructor:** Adrian J. Cales, Corporate Security Operations Manager, Public Service Enterprise Group, Detective Sergeant (Ret.), Arson Investigations Unit, Bergen County Prosecutor's Office

This program is designed to provide the student with a thorough, comprehensive and complete understanding of the properties of propane, natural gas and electricity. The steps necessary for the examination of a fire scene where there is the potential that propane, natural gas or electricity were involved in either the origin or the cause of the fire. In addition, how any and all components associated with either propane, natural gas or electricity services must be subject to a detailed examination at every scene to either eliminate them, or attribute them, as to having any role or involvement in the origin or the cause of the fire.

**WEDNESDAY, MARCH 29**

**UNION COUNTY FIRE ACADEMY**

**WEDNESDAY, MAY 3**

**ZOOM – FULL DAY**

# Technical Courses

## **NEW Fire Service Concerns for TV and Film Productions**

**Instructor: James A. Kirsch, MPA, EFO, Captain (Retired) / Partner, Dominion Emergency Service Consultants**

With the increasing use of New Jersey for television and film production, any fire department or fire prevention bureau may have to deal with production companies operating in their jurisdiction. This is true whether the filming is taking place in a fixed set location that may be known, or if the media company only expects to have a short-term presence in their district. This course is designed to familiarize prevention and suppression personnel to the potential hazards they will face when filming companies are operating in their municipality.

**SATURDAY, APRIL 22**

**ZOOM – HALF DAY**

**WEDNESDAY, JUNE 7**

**ZOOM – HALF DAY**

## **Fundamentals of Automatic Sprinkler and Standpipe Systems**

**Instructor: Paul T. Dansbach, Fire Marshal, Borough of Rutherford**

This course will present timely and up to date material covering fundamental design and water supply requirements for automatic sprinkler and standpipe systems including when and why building fire pumps are required. The participants will be able to identify the various component parts of automatic sprinkler systems, standpipe systems and fire pumps. The importance of ensuring these fire protection systems are maintained in full service, while identifying common system impairments and violations which lead to these fire protection systems being out of service, will be reviewed throughout the course.

*Please note: Part 1 is a prerequisite to part 2. Zoom classes are half day.*

**SATURDAY, APRIL 1**

**ZOOM PART 1 – HALF DAY**

**MONDAY, APRIL 10**

**PASSAIC COUNTY FIRE ACADEMY**

**TUESDAY, MAY 23**

**ZOOM PART 2 – HALF DAY**

# Technical Courses

## Fundamentals of Use Group Classifications and Occupancy Classifications

**Instructor: Paul T. Dansbach, Fire Marshal, Borough of Rutherford**

This course will present the requirements for Use Group Classifications in the NJ Uniform Fire Code, the NJ Uniform Construction Code, and the relationship between these two sets of codes. Additionally, the course will provide detailed information of the requirements of NFPA 13-2014-Standard for the Installation of Automatic Sprinkler Systems, Chapter 5 Classifications of Occupancies and Commodities, and the water supply requirements for various storage based occupancies detailed in Chapters 12 through 20. Participants will be able to interpret the information contained on old style and new style (NJ UCC) hydraulic data placards to be able to identify potential deficiencies in the building's automatic sprinkler system.

**SATURDAY, APRIL 15**

**ZOOM – HALF DAY**

**FRIDAY, MAY 12**

**SOMERSET COUNTY ESTA**

**WEDNESDAY, JUNE 7**

**ZOOM – HALF DAY**

## Hazardous Materials-Bulk Storage to Big Box Stores

**Instructor: Ronald E. Kanterman, Executive Inspector, FDNY-Bureau of Fire Prevention**

This course will familiarize students with all aspects of code issues and code enforcement pertaining to the storage, sale and use of hazardous materials from the “mom and pop” hardware store to bulk chemical facilities. Covered are local, state and federal laws, identification systems, containers, rail cars, tank trucks, stationary vessels. Case histories are dissected and studied. We take a detailed look at selected chapters of the NJ-IFC along with all aspects of Chapter-50 covering chapters for individual chemicals or processes and occupancies. We take the students through the entire inspection process along with peripheral information, i.e., fire protection and other peripheral code requirements. In addition, the instructor lends his 45 years of fire service and code experience to the process.

**SATURDAY, APRIL 22**

**ZOOM – FULL DAY**

**FRIDAY, MAY 12**

**BERGEN COUNTY FIRE ACADEMY**

# Technical Courses

## HAZMAT for Fire Inspectors: Alternative Fuels

**Instructor: Brian Bennett, Iselin Fire Department**

Alternative fuels are slowly replacing fossil fuels. These new fuels are found in all types of occupancies, including residential, commercial, retail, and industrial facilities, as well as vehicles and mobility devices. This class will help Fire Inspectors become familiar with the types of fuels being used, where they are likely to be found and a review of their containers and hazards. Having some basic knowledge about these common fuels will allow the Inspector to conduct more effective inspections. This class will review alternative fuels such as liquefied hydrogen gas, compressed hydrogen gas, propane/LPG, compressed natural gas, liquefied natural gas, lithium batteries, and solar power.

**THURSDAY, APRIL 13**

**ZOOM – HALF DAY**

## HAZMAT for Fire Inspectors: Common Chemicals

**Instructor: Brian Bennett, Iselin Fire Department**

Hazardous materials are found in all types of occupancies, including residential, commercial, retail, and industrial facilities. Fire Inspectors are often confronted with these common chemicals when they inspect facilities where hazardous materials are used or stored. This class will cover some of the common chemicals found in use or storage in various occupancies covered by the fire code in Chapters 21-27, 29, 35, and 50-67. Having some basic knowledge about the use, storage, and hazards of these common chemicals will allow the Inspector to conduct more effective inspections. This class will review the shipping/storage containers, hazards, uses, and locations where such commonly encountered chemicals as carbon dioxide, nitrogen, liquefied petroleum gas, acetylene, ethanol, chlorine, hydrogen, ammonia, and Bakken crude may be found. The use of the Emergency Response Guidebook will be reviewed to identify potential hazards.

**SATURDAY, MAY 20**

**ZOOM – HALF DAY**

## HAZMAT for the Fire Inspector: Terms, SDS, HSFS

**Instructor: Brian Bennett, Iselin Fire Department**

Fire Inspectors must have a working knowledge of the terms used in the fire codes in order to fully understand the risks posed by hazardous materials they may encounter. This is not limited to understanding the definition but also understanding the practical application of these terms. Being conversant with these terms will also be helpful in interpreting the data presented in Safety Data Sheets (SDS) and NJ Hazardous Fact Sheets (HFS). The information provided in NJ Right to Know submittals will also be reviewed. The terms covered in this class are used in the fire code in Chapters 21-27, 29, 35, and 50-67 as well as Section 202. Applying the information learned in this class along with real life examples will lead to more effective inspections of hazardous materials facilities.

**THURSDAY, JUNE 1**

**ZOOM – HALF DAY**

# Technical Courses

## Healthcare Facilities Pre-Incident Planning/Fire Fighter Hazards

**Instructor: Andrew Fosina, Jr BS, CFPS, Fire Official, Hopewell Valley Bureau of Fire Safety**

The course discusses the need to prepare pre-planning documents. Using NFPA-1620 as a guide, we will discuss the required parts of a pre-plan, who should have access, and other requirements of the preplanning process for healthcare facilities. Common Hazards to Firefighters in healthcare facilities and the potential health and life safety issues associated with them.

Please note: Zoom versions are half day. It's recommended that part 1 be taken before part 2.

**THURSDAY, MARCH 23**

**MIDDLESEX COUNTY FIRE ACADEMY**

**THURSDAY, APRIL 13**

**ZOOM – PART 1 HALF DAY**

**FRIDAY, APRIL 14**

**ZOOM – PART 2 HALF DAY**

## Healthcare Facilities UFC Inspections

**Instructor: Andrew Fosina, Jr. BS, CFPS, Fire Official, Hopewell Valley Bureau of Fire Safety**

The course will review the Uniform Fire Code and NJ IFC 2015 inspection requirements. Explore the role of the AHJ in this heavily regulated industry and other regulatory agencies.

Please note: Zoom versions are half day. **It's recommended that part 1 be taken before part 2.**

**THURSDAY, APRIL 20**

**TOMS RIVER FIRE ACADEMY**

**MONDAY, MAY 15**

**ZOOM – PART 1 HALF DAY**

**TUESDAY, MAY 16**

**ZOOM – PART 2 HALF DAY**

# Technical Courses

## **NEW Hot Topics in Code Enforcement**

**Instructor: Paul T. Dansbach, Fire Marshal, Borough of Rutherford**

This CEU class will cover three timely topics of interest to Fire Inspectors and Fire Officials. The Building Code and Fire Code requirements for access control systems and delayed egress devices will be presented. The history of the IBC requirements that have applied to these devices and systems will be reviewed in detail based on previous editions of the NJ International Building Code. The testing requirements of the NJUFC Subchapter which apply to special locking devices will be presented. Installation requirements of NFPA-13 relating the installation of Early Suppression Fast Response Sprinkler Systems (ESFR), manufacturer installation requirements and the Inspection, Testing and Maintenance requirements of NFPA 25-14 that apply to ESFR sprinkler heads will be discussed in detail. Requirements of the NJUFC Subchapter 3 and applicable NFPA Standards relating to the inspection, testing and maintenance of Commercial Cookline Ventilation and Fire Suppressions Systems will be presented. Case studies and examples of compliant and non-compliant conditions will provide examples and enhance the code official's ability to discover system impairments and violations of the NJUFC and related standards.

**FRIDAY, MARCH 31**

**BERGEN COUNTY FIRE ACADEMY**

**THURSDAY, APRIL 13**

**MIDDLESEX COUNTY FIRE ACADEMY**

**FRIDAY, JUNE 2**

**GLOUCESTER COUNTY FIRE ACADEMY**

## **Inspection and Testing of Water Based Fire Protection Systems: Part 1**

**Instructor: Paul T. Dansbach, Fire Marshal, Borough of Rutherford**

*This class was previously presented as Water-Based Fire Protection System, NFPA 25-14. The class has been expanded and separated into two separate parts to meet the expanded requirements of NFPA 25-14 and to address both technical and administrative requirements of the NJ UFC. Part 1 of this class will focus on the technical requirements of Chapter 9 of the NJ IFC, how to properly cite the requirements of NFPA 25-14 and other referenced NFPA standards. Administrative requirements including the requirements for imminent hazards and abatement periods as they apply to water based fire protection systems will be presented. The requirements of Chapters 3 and 15 of NFPA 25-14 will be reviewed as well as information for determining when and how fire watches may be conducted and how to deal with system impairments. Information relating to how to determine Commodity Classifications from NFPA 13 will also be presented. Participants may take part 1 and/or part 2 and in any order and are not required to complete both parts for CEU credit.*

**SATURDAY, MAY 13**

**MIDDLESEX COUNTY FIRE ACADEMY**

# Technical Courses

## Inspection and Testing of Water Based Fire Protection Systems: Part 2

**Instructor:** Paul T. Dansbach, Fire Marshal, Borough of Rutherford

*This class was previously presented as Water-Based Fire Protection System, NFPA 25-14. The class has been expanded and separated into two separate parts to meet the expanded requirements of NFPA 25-14 and to address the technical requirements of the NJ UFC. Part 2 of the class will focus on the inspection, test and maintenance requirements of various chapters of NFPA 25-14 for water-based fire protection systems.* The requirements and spacing rules from NFPA-13 for standard spray and ESFR sprinkler head spacing rules will be presented in this class. This information will allow code officials to identify when alterations have been performed to the building or the sprinkler system which may have violated the spacing rules of NFPA-13 and will allow fire inspectors to identify obstructions to the sprinkler heads. Participants may take Part 1 and/or Part 2 and in any order and are not required to complete both parts for CEU credit.

**SATURDAY, MAY 20**

**MIDDLESEX COUNTY FIRE ACADEMY**

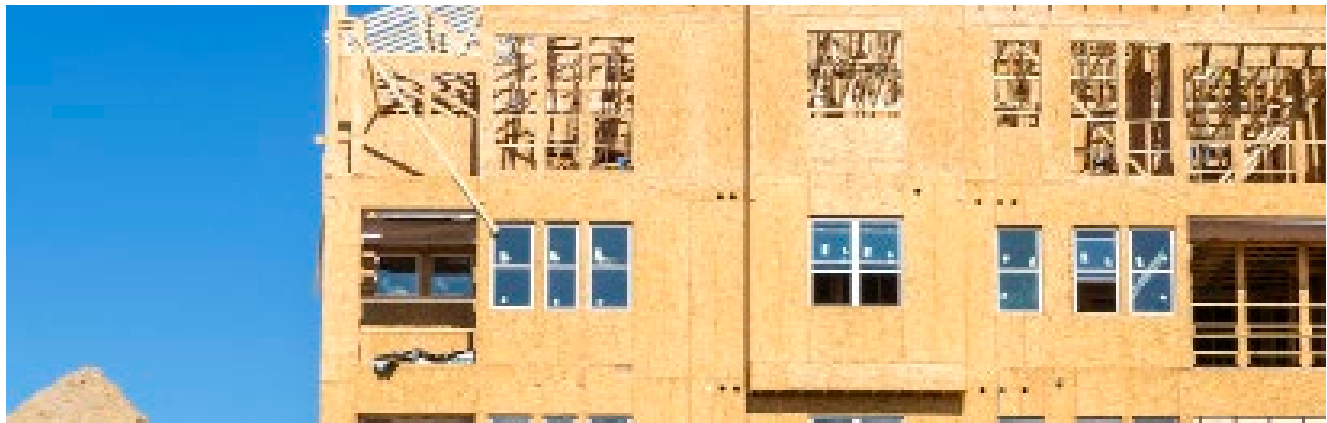
## Legacy Wood Frame Construction Principles

**Instructor:** Paul T. Dansbach, Fire Marshal, Borough of Rutherford

Wood frame constructed buildings pose significant challenges for the fire service. This program will enhance the participant's knowledge and understanding of the construction methods, materials, the fire spread and collapse potential of legacy wood frame buildings which include buildings of Post & Beam Construction, Balloon Frame and Platform Frame buildings. Fire behavior and the relationship between building construction and fire behavior will be presented throughout the session. Case studies of fire incidents and buildings under construction or renovation will be used throughout the program. The program will also review how to develop and utilize differing forms of case studies to meet various teaching objectives relating to legacy wood frame buildings.

**TUESDAY, APRIL 18**

**ZOOM – HALF DAY**





# Technical Courses

## Managing Public Fireworks Displays

**Instructor: Ronald E. Kanterman, Executive Inspector, FDNY-Bureau of Fire Prevention**

Based on the book of the same title authored by Chief Kanterman, topics covered are: chemistry of pyrotechnics, required documentation, permits and other code requirements, site inspections, set-up, transportation, multi-agency involvement, the shot itself, post display operations, unified command operations, and more. Case histories of accidents are discussed enhanced by video and photo presentations.

**THURSDAY, MAY 18**

**MIDDLESEX COUNTY FIRE ACADEMY**

**SATURDAY, JUNE 3**

**ZOOM - FULL DAY**

## Mobile Food Vendor Inspection and Safety Course

**Instructor: John Thomas, Fire Inspector Services, LLC**

This course will instruct Fire Inspectors on the dangers of a Mobile Food Vendor and how to conduct the fire safety inspection. The Uniform Fire Code, NFPA Standards and how they relate to the inspection will be covered

**WEDNESDAY, MAY 3**

**ZOOM - FULL DAY**

## Origin and Cause: A Systematic and Comprehensive Investigation

**Instructor: Adrian J. Cales, Corporate Security Operations Manager, Public Service Enterprise Group, Detective Sergeant (Ret.), Arson Investigations Unit, Bergen County Prosecutor's Office**

This program is designed to provide the student with a thorough, comprehensive and complete format for the examination of a fire scene, and the documentation and determination of the origin of a fire, as well as the elimination and documentation of any and all fire causes, leading to the location where the fire originated, and to the event which facilitated the ignition of the fire.

**WEDNESDAY, MAY 17**

**ZOOM - FULL DAY**

**WEDNESDAY, MAY 24**

**MONMOUTH COUNTY FIRE ACADEMY**

# Technical Courses

## Pre-Engineered Commercial Kitchen Fire Extinguishing System Training

**Instructor:** David Pelton, National Association of Fire Equipment Distributors

The pre-engineered fire extinguishing system training program is designed to be used as a training program for authorities having jurisdiction (AHJs) and other interested parties. It is designed to assist the AHJ in recognizing the requirements of NFPA 17A, Wet Chemical Fire Extinguishing Systems for the protection of commercial cooking operations and the requirements of NFPA 96, Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations. The content of the class is based on the requirements of these standards and will include descriptions and examples of typical industry practices regarding installation, inspection, maintenance and service of pre-engineered systems.

**WEDNESDAY, MAY 10**

**PASSAIC COUNTY FIRE ACADEMY**

**THURSDAY, JUNE 1**

**ZOOM - FULL DAY**

## **NEW** Pre-planning and Fire Suppression of Buildings Under Construction and The Dangers of Vacant Dwelling: Challenges and Solutions

**Instructor:** Raymond O'Brocki, CBO, Manager of Fire Service Relations for the American Wood Council

This course discusses two topics. Topic one: This program is designed to provide background and information to fire departments that may experience the construction of large area buildings in their community. Many fire departments have limited experience in the planning and response to these complex buildings. This requires a thorough understanding of the fire and building code provisions as well as the proper use of NFPA 241, *Standard for Safeguarding Construction, Alteration, and Demolition Operations* and NFPA 1620, *Standard for Pre-Incident Planning*. The second half of this program discusses fire suppression concerns and considerations when a large area construction site experiences a fire. Topic two: This part of the presentation will review two recent fires occurring in vacant dwellings that killed four firefighters. It will outline the many hazards and the pervasiveness of the vacant dwelling problem in urban centers. The presentation will discuss traditional ways authorities having jurisdiction have dealt with the vacant structure issue with specific focus on fire service solutions, and finally, offer "out of the box" ideas to mitigate the vacant dwelling problem.

**TUESDAY, MARCH 21**

**ZOOM - HALF DAY**

**WEDNESDAY, MARCH 22**

**ZOOM - HALF DAY**

# Technical Courses

## Principles of Modern Building Construction

**Instructor:** Michael Scardino, Fire Chief/Fire Official (Ret.) Winslow Twp. Fire Department

Principles of Modern Construction is a *refresher* for the veteran firefighter/inspector, and a primer for the newest member. It is designed to create an appetite for future construction study, emphasizing both the vital importance and value of both aggressive preplanning and fire inspection. This course is continually updated to include and highlight cutting edge methods, materials, technologies, and trends. Not just your average five-hour CEU course, it truly offers something for every attendee to use, and apply.

**FRIDAY, MAY 5**

**ZOOM – FULL DAY**

**SATURDAY, JUNE 10**

**MIDDLESEX COUNTY FIRE ACADEMY**

## Smoke Alarms For Residential Applications

**Instructor:** Patrick W. Bigoss, Lumberton Twp. Fire Official (Ret.), Camden County College, Faculty Coordinator (Ret.)

This course will provide an overview of Smoke Alarms in residential applications. We will cover New Jersey requirements with focus on one-and two-family dwellings. Current technology will be reviewed along with a review of UCC installation and operational requirements for a one or two family dwelling based on year of construction. We will review NJAC 5:70-2.3 requirements for change of resident (Re-sale) in a Single family Dwelling.

**WEDNESDAY, MAY 17**

**ZOOM – HALF DAY – PART A**

**TUESDAY, JUNE 6**

**ZOOM – HALF DAY – PART A**

**FRIDAY, MAY 19**

**ZOOM – HALF DAY – PART B**

**THURSDAY, JUNE 8**

**ZOOM – HALF DAY – PART B**

## Solar Power; Strategy & Tactics for First Responders

**Instructor:** Joseph Vallo, Battalion Chief, Jersey City Fire Department, Chief of Training, On the Job Fire-Rescue, LLC

This course is a Strategy and Tactics Fire Fighting and Rescue Operations program designed for understanding basic Solar Power engineering and to identify solar powered systems. The program is a comprehensive Strategy and Tactics seminar built by a Fire Fighter for Fire Fighters and all First Responders. *The program is updated quarterly, and information is current to the Solar Industry and evolving Emergency Services incidents.* Case Studies are used to engage students regarding actual solar incidents faced by First Responders. Case Studies are local incidents and those reviewed by the NFPA, Underwriters Laboratories and the National Fire Academy.

**MONDAY, MAY 8**

**MONMOUTH COUNTY FIRE ACADEMY**

**TUESDAY, JUNE 6**

**ZOOM – HALF DAY**

# Technical Courses

## Street Smart Fire Inspections

**Instructors: Bob Disbrow, IAAI-CFI, Fire Captain/Investigator and Robert Seeburger, Battalion Chief Special Operations Command**

Street Smart Fire Inspections is a class designed for the working Fire Inspector and Fire Service personnel conducting In-Service fire inspections. This class will identify all aspects of a quality fire inspection. Students will review case studies and difficult violations. This class is a must for all fire service personnel.

**FRIDAY, MAY 5,**

**ZOOM – FULL DAY**

## Subchapter 4: “Retro-fit Requirement” Where Are We Now?

**Instructor: Paul T. Dansbach, Fire Marshal, Borough of Rutherford**

The course will present select requirements of New Jersey Uniform Fire Code, Subchapter 4 - Fire Safety Code. Requirements that have been in effect for a number of years, as well as, recently adopted regulations including the code requirements for Carbon Monoxide alarms and published NJDFS bulletins regarding windowless basements and stories will be presented in detail. The course will review how to determine if violations of Sub-chapter 4 exist and how to achieve compliance with the applicable regulations. The Fire Code Variance process and the relationship between the NJ Uniform Fire Code and the NJ Uniform Construction Code also will be presented.

Please note: Parts A and B are half day classes. They may be taken in either order.

**FRIDAY, MARCH 24**

**ZOOM – HALF DAY – PART A**

**THURSDAY, MAY 4**

**ZOOM – HALF DAY – PART B**

**THURSDAY, JUNE 1**

**BURLINGTON COUNTY ESTC**

## The Training Division

**Instructor: Brian Bennett, Iselin Fire Department**

Are you the new Training Officer or an existing Instructor for your department? Are you charged with not only presenting training, but running and managing the training division? This class will provide practical information on what needs to be done to ensure your training program is safe, effective, efficient, and compliant with laws and standards. Whether your department already has a formal training division, you will be updating the existing training division, or you will be developing a new organization, this class will cover important information dealing with the structure, management, and operation of the training division; selection and development of instructors; conducting a training gap analysis to help develop an annual training plan; conducting training to meet regulatory, NFPA, and ISO standards; professional development; and developing effective instructional design and delivery to close the identified gaps.

**MONDAY, MARCH 20**

**BURLINGTON COUNTY ESTC**

**WEDNESDAY, MAY 10**

**MORRIS COUNTY FIRE ACADEMY**

**WEDNESDAY, JUNE 7**

**ZOOM – FULL DAY**

[www.keanfiresafety.com](http://www.keanfiresafety.com)

# Technical Courses

## Tips and Tools for Effective Inspections

**Instructor:** Patrick W. Bigoss, Lumberton Twp. Fire Official (Ret.), Camden County College, Faculty Coordinator (Ret.)

This program is intended to expand knowledge for newly appointed or recently re-appointed inspectors. It will also serve as a refresher for inspectors who perform a very limited number of inspections per year. Topics covered include duties and responsibility, interagency cooperation, inspection pre-planning, performing the inspection, documenting the inspection and completing the inspection process. The program will also include a review of legal requirements, do's and don'ts and the consequences and remedies for inspectors who deviate from the stated requirements. There will be examples of violations and the proper reference under the IFC 2006 as well as IFC 2015. Seasoned inspectors taking the program for CEU requirements may find the program to be a re-statement of what they already know. *This class will satisfy the Code Update requirement for appointed inspectors and officials.*

**TUESDAY, MARCH 14**

**ZOOM – HALF DAY**

**SATURDAY, MAY 13**

**ZOOM – HALF DAY**

## Vacant Buildings; Best Practices for Handling Vacant Building Inspections

**Instructor:** John Thomas, Fire Inspector Services, LLC

The course is to educate Fire Officials, Fire Inspectors and Code Official on the best practices dealing with emerging vacant building issues.

**THURSDAY, MAY 25**

**ZOOM – FULL DAY**

## Wood Frame & Ordinary Construction Principles

**Instructor:** Paul T. Dansbach, Fire Marshal, Borough of Rutherford

Wood frame and ordinary constructed buildings pose significant challenges and risks for the fire service. This program will enhance the knowledge and understanding of the construction methods, materials, the fire spread and collapse potential of wood frame and ordinary constructed buildings. Case studies of fire incidents, case studies of buildings under construction and renovation will be presented throughout the program to illustrate the program objectives. The programs will also review how to develop and utilize differing forms of case studies including the use of NIOSH LODD reports to meet various teaching objectives relating to wood frame and ordinary construction.

**MONDAY, APRIL 3**

**MONMOUTH COUNTY FIRE ACADEMY**

**TUESDAY, MAY 16**

**SOMERSET COUNTY ESTA**

# Fire Service Certification

## Drill Ground Instructor

**Instructor: Michael J. Corbo, Director (Ret.) Atlantic County Fire Training Center**

*This one day course is required for anyone wishing to obtain or renew a Drill Ground Instructor Certification issued by the Division of Fire Safety.* The intent of this course is to ensure that instructors understand the safety issues and adopted NFPA Standards inherent in SCBA/Smokehouse and Live Burn firefighting training. The students will be provided with a basic understanding of identifying and correcting unsafe situations as they occur, and will review various safety concerns regarding drill ground instructional activities and student performance criteria.

CEU credit for the Drill Ground Instructor course will only count toward renewal of a Drill Ground Instructor certification, not a Fire Instructor I or II renewal.

Please note: The Zoom version of Drill Ground Instructor is a half day class. You must take part A and B to receive .50 CEU's.

**FRIDAY, APRIL 14**

**GLOUCESTER COUNTY FIRE ACADEMY**

**WEDNESDAY, APRIL 19**

**BERGEN COUNTY FIRE ACADEMY**

**THURSDAY, MAY 4**

**ZOOM – HALF DAY PART A**

**THURSDAY, MAY 11**

**ZOOM – HALF DAY PART B**

# Fire Service Certification

## Fire & Emergency Services Instructor 1 and 2 Initial Certification Programs

New instructor certification programs have been adopted which meet the requirements of NFPA 1041, Standard for Fire Service Instructor Professional Qualifications, 2019 edition, utilizing the International Fire Service Training Association (IFSTA) publication title “Fire and Emergency Services Instructor, 9th edition.” Both the Fire & Emergency Services Instructor Level 1 and 2 programs are contained in this one publication. Students will be required to purchase the referenced textbook prior to attending the programs. Should a student take the programs after obtaining certification, they will receive 4.0 CEU’s Technical credit toward renewal of their fire instructor certification. The New Jersey Fire & Emergency Services Instructor 1 and 2 programs are accredited by Pro Board and IFSAC. The student must meet all fire instructor credentialing requirements to be certified by the Division of Fire Safety.

### Fire Instructor 1 March 14, 2023 – April 4, 2023

**Instructor: Michael J. Corbo, Director (Ret.) Atlantic County Fire Training Center**

Students must contact IFSTA to order the Fire and Emergency Services Instructor, 9th Edition publication prior to the first session of the class.

**6:30 p.m. – 10:30 p.m. Tuesdays and Thursdays**

**8:30 a.m. – 4:30 p.m. Saturdays**

Tuesday March 14

Thursday March 16

Tuesday March 21

Thursday March 23

Saturday March 25

Tuesday March 28

Thursday March 30

Saturday April 1

Tuesday April 4 - **Written Exam**

**Atlantic County Fire Academy**

### Fire Instructor 2 May 1, 2023 – May 22, 2023

**Instructor: Michael J. Corbo, Director (Ret.) Atlantic County Fire Training Center**

Students must contact IFSTA to order the Fire and Emergency Services Instructor, 9th Edition publication prior to the first session of the class.

**6:30 p.m. – 10:30 p.m. Mondays and Wednesdays**

**8:30 a.m. – 4:30 p.m. Saturdays**

Monday May 1

Wednesday May 3

Monday May 8

Wednesday May 10

Saturday May 13

Monday May 15

Wednesday May 17

Saturday May 20

Monday May 22

**Atlantic County Fire Academy**

**[www.keanfiresafety.com](http://www.keanfiresafety.com)**

# Fire Service Certification

## NJDFS Fire Service Certification Spring 2023

### T1 Instructor Level 1 Certification Examination

SATURDAY, APRIL 8	9 A.M. TO 12 P.M.	BURLINGTON COUNTY ESTC
THURSDAY, MAY 11	7 P.M. TO 10 P.M.	MORRIS COUNTY FIRE ACADEMY
SATURDAY, JUNE 10	9 A.M. TO 12 P.M.	MIDDLESEX COUNTY FIRE ACADEMY

The 100-question exam evaluates concepts of instruction from IFSTA, 9th Edition Fire & Emergency Services Instructor Textbook. The minimum passing score for Instructor Level 1 Certification Examination is 70% correct.

### T2 Instructor Level 2 Certification Examination

SATURDAY, APRIL 8	9 A.M. TO 12 P.M.	BURLINGTON COUNTY ESTC
THURSDAY, MAY 11	7 P.M. TO 10 P.M.	MORRIS COUNTY FIRE ACADEMY
SATURDAY, JUNE 10	9 A.M. TO 12 P.M.	MIDDLESEX COUNTY FIRE ACADEMY

The 100-question exam evaluates more advanced concepts of instruction from IFSTA, 9th Edition Fire & Emergency Services Instructor Textbook. The minimum passing score for Instructor Level 2 Certification Examination is 70% correct.



# Fire Service Certification

The New Jersey Division of Fire Safety announces that a NJ Fire Inspector Written Examination will be presented regionally. Below are listed the exam dates, locations and start times. The written exam has been created to meet the examination requirements contained in the NJ Uniform Fire Code for individuals to obtain a NJ Fire Inspector certification issued by the Division of Fire Safety. This exam will be an 'open book' exam and will permit an individual to bring the referenced Fire Inspector course textbooks/codebooks into the exam room to be referenced throughout the exam. IFSTA Fire Inspection and Code Enforcement – Eighth Edition, NJ Uniform Fire Code, IFC 2015 NJ Edition, IBC 2015 NJ Edition – Chapter 9, 10 and Index or entire book and a solar or battery operated calculator. The exam will present 75 questions. To pass this exam an individual must obtain a minimum passing score of 70% correct. The exam will be 3 hours in length. The examination *will not* be administered orally to any individual.

## FI Fire Inspector Written Examination

**SATURDAY, APRIL 8 9 A.M. TO 12 P.M. BURLINGTON COUNTY ESTC**

**THURSDAY, MAY 11 7 P.M. TO 10 P.M. MORRIS COUNTY FIRE ACADEMY**

**SATURDAY, JUNE 10 9 A.M. TO 12 P.M. MIDDLESEX COUNTY FIRE ACADEMY**

## NOTICE

**PHOTO IDENTIFICATION AND DFS I.D. NUMBER IS REQUIRED TO TAKE ALL EXAMINATIONS. STUDENTS WILL NOT BE ADMITTED WITHOUT PHOTO IDENTIFICATION. FAXES WILL NOT BE ACCEPTED. NO ELECTRONIC DEVICES, CELL PHONES, OR MOBILE DEVICES WILL BE ALLOWED IN EXAMINATION ROOMS. ONLY ONE EXAM WILL BE ADMINISTERED PER DAY.**

# Fire Sprinklers

*Please check the address at the end of the brochure for each class. Read the course descriptions carefully and note required items for entry. Also pay attention to the start time for Chubb classes.*

## **NEW** Basics of Fire Sprinklers and Fire Pumps

**Instructor:** Tom Kline, Owner, Fire University

During this course, trainees will learn about the components and function of each type of fire sprinkler system and fire pump. As a result of this course, the student shall be able to describe various types of water-based, foam fire suppression systems and fire pumps and basic inspection and testing information for these systems. The first portion of the class will consist of classroom theory, with the second half consisting of practical training in the Fire University training lab.

**TUESDAY, MAY 9**

**FIRE UNIVERSITY – FULL DAY**

## **NEW** Dry Pipe, Deluge and Pre-Action Systems

**Instructor:** Michele Shedlock, Chubb Risk Engineering Center Project Team Lead

This session is a mix of classroom and hands-on demonstrations that review the components and operation of the dry, pre-action, and deluge sprinkler systems. Fire detection systems will be reviewed, including how they interact with the pre-action and deluge systems.

Hands-on activities include tripping and resetting the dry pipe, pre-action, and deluge valves. NFPA 25 testing requirements for these systems will be reviewed and demonstrated.

**MONDAY, APRIL 24**

**CHUBB RISK ENGINEERING CENTER –  
8:30 A.M. START TIME**

## **NEW** Fire Pumps

**Instructor:** Michele Shedlock, Chubb Risk Engineering Center Project Team Lead

This session is a mix of classroom and hands-on demonstrations that review automatic fire pumps including drivers, controllers, and various other components. Hands-on activities include annual fire pump test on the electric booster pump. Attendees will graph fire pump test data and learn how to evaluate fire pump performance. NFPA 25 testing requirements for fire pumps and controllers are reviewed and demonstrated.

**FRIDAY, MAY 19**

**CHUBB RISK ENGINEERING CENTER –  
8:30 A.M. START TIME**

# Fire Sprinklers

## **NEW** ITM Requirements for Fire Sprinkler Systems

**Instructor:** John Jeffers, Instructor, Fire University

Trainees will take an in-depth look at NFPA 25. Through this course, individuals will gain a refresher on the use of a codebook and how to apply the NFPA 25 code to their daily work. After completing this course, the trainee will be better prepared, from a legal obligation to a practical knowledge standpoint, to inspect and carry out their job in accordance with NFPA 25. The first half of the course will consist of classroom theory, with the second half consisting of practical training on fire sprinkler systems and fire pumps. All instruction and training will take place in the Fire University training lab.

**TUESDAY, MAY 23**

**FIRE UNIVERSITY – FULL DAY**

## **NEW** Water Supplies and Sprinkler Systems

**Instructor:** Michele Shedlock, Chubb Risk Engineering Center Project Team Lead

This session is a mix of classroom and hands-on demonstrations reviewing the various water supplies that exist for fire protection systems including suction, pressure, gravity tanks, fire pumps, and more. The training reviews the various components of automatic sprinkler systems, as well as the wet pipe sprinkler system. Hands-on activities include water supply testing, analysis of test results, fire protection control valve inspection, and live fire with sprinkler activation. NFPA 25 testing requirements for wet pipe and control valves are reviewed and demonstrated.

**FRIDAY, MARCH 24**

**CHUBB RISK ENGINEERING CENTER –  
8:30 A.M. START TIME**

# Continuing Education

## **NEW Aircraft Rescue Firefighting for the Structural Firefighter**

**Instructor: Thomas R. Wiczerzak, CM, AFO, ACE, Fire Chief, Newark Liberty International Airport Aircraft Fire-Rescue**

The *Aircraft Rescue Firefighting for the Structural Firefighter* program has been designed for municipal fire departments that have an airport within their jurisdiction. Historically, greater than 80% of all aircraft incidents occur within what is referred to as the critical rescue firefighting access area which is immediately around the runway areas. The fact is that most airports rely upon local fire department assistance and mutual aid in the event of a major emergency. This half-day, online based course gives a structural firefighter an awareness-level on how to deal with aircraft rescue firefighting should they be called to assist with a major aircraft emergency along with preplanning considerations for jurisdictions with airports. Within the instructional session discussion includes a review of the diverse (and congested) airspace over New Jersey, airports, and aviation operations in the state. An introduction to the newly released Aircraft Rescue Firefighting program will also be discussed.

**THURSDAY, MARCH 30**

**ZOOM – HALF DAY**

**FRIDAY, MAY 5**

**MONMOUTH COUNTY FIRE ACADEMY  
– HALF DAY**

## **NEW Buildings on Fire: Tactical Risks for First-Due Companies and Commanders**

**Instructor: Chief Christopher J. Naum, SFPE, Chief of Training Command Institute, Center for Fireground Leadership, Technical Consultant NIOSH Firefighter Line of Duty Death Investigation Program**

Arriving companies and personnel at today's structure fires must be able to rapidly and accurately identify key elements of a building, process that data based upon a widening field of variables present on today's evolving fireground and implement timely actions that address prioritized actions requiring intervention. This program will present and discuss an increasing range of tactical risks and with key considerations for the First-Due Company, Company Officer and Commander. Understanding key inherent building performance characteristics and their relationships and variables in Command Decision-making methodologies and practices is fundamental to firefighting and incident management on today's evolving and demanding fireground. The Built-Environment's influencing factors, operational risk management, command and tactical safety and tactical protocols based upon occupancy risks, reading the building and adaptive management principles will be discussed in this integrated program.

**WEDNESDAY, MAY 3**

**PASSAIC COUNTY FIRE ACADEMY**

# Continuing Education

## **NEW** Command Decision Making: A Safety Perspective

**Instructor: Ronald E. Kanterman, Executive Inspector, FDNY-Bureau of Fire Prevention**

Based on the book recently published by Fire Engineering “*Fire Officer’s Guide to Occupational Safety and Health*”; The move throughout the American fire service regarding the safety and health of our personnel is more prominent today than ever before. This workshop examines the responsibilities of line firefighters, officers and senior leadership in the fire service in ensuring the safety of all members. Some national programs discussed are the NFFF 16 LSP’s, IAFC’s Rules of Engagement and others. This workshop takes an in-depth look at basic concepts and creating a safety mindset, starting at the firehouse and leading to the battle ground. The main emphasis is on fire ground operations and decision making, in terms of go/no-go, when to evacuate, survivability profiling, FAST/RIT/RIC, reading buildings, the process of command, changing tactics mid-stream and command and control. Scenarios are discussed based on live-action case histories.

**FRIDAY, APRIL 14**

**ZOOM - FULL DAY**

**THURSDAY, MAY 11**

**MORRIS COUNTY FIRE ACADEMY**

## **NEW** Construction, Operations and Planning: Firefighting Operations in Mega-Mansions & Large Area Residential

**Instructor: Chief Christopher J. Naum, SFPE, Chief of Training Command Institute, Center for Fireground Leadership, Technical Consultant NIOSH Firefighter Line of Duty Death Investigation Program**

Today’s residential homes are being built larger than ever and in all community settings from rural to suburban to urban and common throughout all jurisdictions across the New Jersey, Tri-state Region and the United States. These occupancies present significant risks and operational challenges to commanders and firefighters demanding increased knowledge and skill sets to assess, select and employ various operational models at these structure fires. This program provides leading insights on building construction systems, design configurations, and characteristics of common large area residential and mega-mansions--homes ranging from 4,000 to 40,000 square feet, with operational focus on the 6,000-18,000 SF residential footprint. Addressing coastal and sea-side operational concerns with a transition to footprints in urban-metro, suburban to country-side settings will be presented with an integrated model approach to construction, operations and tactical options. Original research, modeling, a standardized approach to building classification and cutting-edge operational insights will be presented, with key Near-Miss and recent LODD case study insights presented reinforcing topical areas. A model Mega-mansion and LAR OPS approach will be presented.

**TUESDAY, MAY 2**

**SOMERSET COUNTY ESTA**

# Continuing Education

## **NEW** Diet and Exercise for Peak Firefighter Performance

**Instructor: Brian Crimmins, Chief, Hoboken Fire Department**

Cancer, heart disease, diabetes, depression, and obesity are leading firefighter illnesses. Diet and exercise are proven solutions to improve wellness and tactical performance, but the media and the firehouse are filled with contradictory information on these topics. This 2.5-hour course explores the link between a firefighter's diet, exercise, nutrition, and chronic disease. It presents research from Harvard University, the Salk Institute, and leading academic journals. It examines the Keto Diet, Mediterranean Diet, and time-restricted eating. The instructor presents expert recommendations on the amount of exercise, type of exercise, and how to adjust fitness routines with age. Given chronic exposure to carcinogens, pathogens, and sleep deficit, the course goal is to identify diet and exercise routines for peak firefighter performance.

**THURSDAY, APRIL 27**

**ZOOM - HALF DAY**

## Emergencies Involving Electric and Hybrid Vehicles

**Instructor: David Dalrymple, AIEtecRI, Rescue Consultant/Educator for Roadway Rescue LLC**

In North America, alternative fueled vehicles are rapidly expanding into the field of both passenger vehicles and commercial vehicles. The main group in these alternate fueled vehicles are Hybrid and Electric Vehicles. While we have dealt with Hybrids for over twenty years, EV's or electric vehicles, are much newer and have many different concerns and hazards than Hybrids. We will be covering ALL the concerns and hazards dealing with these vehicles. But unlike many programs we will teach operational problem solving to give students real world solutions to these problems. All of the necessary skills will be covered; patient management, fire suppression, extrication, scene mitigation, debris clean up, and situational awareness.

**TUESDAY, APRIL 18**

**UNION COUNTY FIRE ACADEMY**

**WEDNESDAY, MAY 3**

**BURLINGTON COUNTY ESTC**



# Continuing Education

## **NEW** Emergency Incident Media Coverage

**Instructor: Dr. Robert S. Fleming, Professor of Management, Rohrer College of Business, Rowan University, Professor of Crisis and Emergency Management, Rowan University**

This course is designed to prepare fire and emergency service professionals to successfully contribute to media coverage of emergency incidents that fully meets and ideally exceeds stakeholder expectations that media coverage be delivered in a timely, accurate, credible, complete, and professional manner. The course has been designed and will be delivered in a manner that contributes to the development of knowledge, skills, and confidence as fire and emergency service personnel work with the media to bring informative reporting to the public and other stakeholders of the coverage of fire and emergency incidents.

**THURSDAY, APRIL 20**

**ZOOM - FULL DAY**

**THURSDAY, MAY 18**

**ZOOM - FULL DAY**

## **Evidence Based Firefighting: Dealing With Modern Fire Loads**

**Instructor: Michael J. Corbo, Director (Ret.) Atlantic County Fire Training Center**

This course will discuss and show through videos of actual controlled fires scenarios, produced by NIST and UL, the new changes in fire behavior brought about by the changes in modern building construction and synthetic materials that are found not only in modern buildings but also in legacy construction. All firefighters, and fire officers must be aware of these changes so that they can apply the appropriate strategy and tactics necessary to prevent firefighter injuries and deaths. Furthermore, fire instructors must possess this information to meet the current requirements of NFPA 1403, the live burn standard. This information has now been incorporated into New Jersey's Firefighter I program with all new firefighters learning how to apply this information on the fire ground. The rest of the fire service must now catch up and understand what is happening when they arrive at the fire scene and the fire does not react as it previously did..

**WEDNESDAY, MARCH 29**

**ZOOM - HALF DAY**

**WEDNESDAY, MAY 24**

**ZOOM - HALF DAY**

## **Fire Size Up**

**Instructors: Bob Disbrow, IAAI-CFI, Fire Captain/Investigator and Robert Seeburger, Battalion Chief Special Operations Command**

Fire Size Up is critical at fires and other emergency scenes. This class will help Firefighters, Company Officers and Chief level officers utilize a practical and efficient approach to Size Up. Students will be exposed to case studies and interactive learning. This class is a must for all fire service personnel.

**FRIDAY, APRIL 14**

**ZOOM - FULL DAY**

# Continuing Education

## Fire Suppression Operations in Strip Malls

**Instructors: Robert G. Moran, Fire Chief, Brewster, MA and John J. Lewis, Lieutenant (Ret.) City of Passaic FD and Bergen County Fire Academy**

Fires in ordinary and lightweight constructed Strip Malls are complex and dangerous events. They are without a doubt unlike any other structure fire we respond to. The strategy and tactics required to develop a safe and successful incident action plan and fire suppression operation within these large complexes that contain many interconnected and potentially dangerous occupancies requires exceptional pre-incident knowledge of the facility, outstanding incident command and control, and an expert understanding of the involved hazards and construction types. To enhance our ability to operate at fires safely and effectively within these complexes this program will take an in-depth look at the fire problems associated with these structures while offering useful information on pre-incident inspection and pre-planning, size up, strategy and tactics, command and control, incident safety, accountability, resource deployment, and fire attack methods.

**SATURDAY, APRIL 15**

**OCEAN COUNTY FIRE ACADEMY**

## Firefighter Burn Injuries, What You Need to Know!

**Instructor: Douglas Haviland, Ex-Chief Red Bank Fire Department**

This class is designed to make Emergency Medical and fire service personal knowledgeable about burn injuries suffered by firefighters (and civilians). The program was authored by a burn survivor and firefighter with 40 years' experience and is told from a first-person perspective. While firefighters are the focus of the program, the class also examines civilian injuries and a variety of burn injury causes. Burn injury types will be examined in detail along with national causality numbers. Burn care and the burn care centers available to treat injuries in the New Jersey area are explored. The lengthy and painful after care from a burn injury is also examined.

**FRIDAY, APRIL 21**

**ZOOM – HALF DAY**

## **NEW** Firefighter Safety & Survival

**Instructors: Bob Disbrow, IAAI-CFI, Fire Captain/Investigator and Robert Seeburger, Battalion Chief Special Operations Command**

Students will discuss Firefighter Safety and Survival on the fireground. This is an interactive class with PowerPoint lecture and actual case studies.

**FRIDAY, MAY 12**

**BURLINGTON COUNTY ESTC**

**FRIDAY, JUNE 2**

**PASSAIC COUNTY FIRE ACADEMY**



# Continuing Education

## **NEW** Fireground Strategies: High Rise Operations

**Instructor:** Anthony Avillo, Deputy Chief (ret.) North Hudson Regional Fire & Rescue; Director – Monmouth County Fire Academy

This course covers the characteristics of high rises, both residential and commercial. Also covered are the firefighting concerns and life safety concerns inherent in this type of occupancy. Operational guidelines and safety-oriented policies will be discussed as well as a review of several case studies of high-rise fires and the lessons learned. Stack effect, stratification, equipment requirements, staffing requirements, alternate strategies and tactics, and protection-in-place vs. evacuation will be covered. A comprehensive look at command and control as well as control point establishment is included. Safe elevator guidelines are included in this course. Strategic considerations and interior fire control factors are also discussed.

**TUESDAY, APRIL 18**

**\*SOMERSET COUNTY ESTA**

\*This date is a two topic, full day class. The other topic is Strategic Considerations of Ventilation.

**THURSDAY, MAY 4**

**ZOOM – FULL DAY**

## **NEW** First Due Concerns for the Initial Incident Commander

**Instructors:** Robert G. Moran, Fire Chief, Brewster, MA and John J. Lewis, Lieutenant (Ret.) City of Passaic FD and Bergen County Fire Academy

The primary mission of the first arriving Incident Commander at a structure fire is to conduct a rapid and accurate street wise size up of the fire scene that will furnish the information necessary to build an effective incident action plan. In order to complete this task the IC must take into account a number of dynamic fireground factors from arrival through termination of the incident. This session will provide an interactive forum designed to discuss and define the key relationships pre-planning, strategy and tactics, street-wise size up, decision-making models, and risk benefit analysis have on the critical first few minutes of structural firefighting operations. By utilizing the IAFC'S "Fire Service Rules Of Engagement", components of the COAL WAS WEALTHS size-up method, cue based and classical decision making processes, and common risk benefit analysis protocols as a foundation the instructors will uncover the mission essential importance of gathering and evaluating building intelligence, identifying potential risks, maintaining strict incident command and control, and weighing the benefits of the chosen strategy and tactics in relation to firefighter and occupant safety.

**FRIDAY, APRIL 14**

**BURLINGTON COUNTY ESTC**

# Continuing Education

## Hazard Identification and Prevention

**Instructors: Robert G. Moran, Fire Chief, Brewster, MA and John J. Lewis, Lieutenant (Ret.) City of Passaic FD and Bergen County Fire Academy**

According to National Fire Protection Association (NFPA) Standards the position of Fire Department Safety Officer is tasked with fulfilling the dual roles emergency scene Incident Safety Officer (ISO) and the departments Health and Safety Officer (HSO). By definition, the (ISO) is tasked to identify and eliminate hazards associated with unsafe actions at emergency incidents while the (HSO) focuses on issues such as employee health and wellness, risk management, station and vehicle safety, infection control, and mask fit testing. This course will examine these assignments and how they connect to support high levels of overall firefighter health and safety. In addition, the instructors will also review the types of hazards and forms of energy firefighters may come across at an emergency scene, the importance of situational awareness and hazard recognition, and the critical role risk management and safety related standard operating guidelines have on building a culture of safety within the organization.

**FRIDAY, MAY 19**

**MIDDLESEX COUNTY FIRE ACADEMY**

## Health and Wellness for the Emergency Responder

**Instructor: Dr. David Griffin, Assistant Chief, Charleston (SC) Fire Department**

Health and wellness in the emergency services profession is essential for a successful career but also a personal life that is not riddled with stress from the job. How do we, the ones on the frontlines, take care of ourselves? This is a question that is multifaceted and includes many factors. Therefore, in this course we will discuss how stress impacts the body and mind, the importance of physical and mental wellness, healthy eating habits, working together through stress, and one of my favorites in battling the challenge of this profession, mindfulness. All of these factors will be presented with practical examples for all students to utilize in their everyday lives. This class is based on real life examples of what works to deal with our stress from an emergency responder who is still in the emergency services profession as a Battalion Chief and a Shift Commander in a department that experienced one of the worst line of duty death incidents in fire service history. Therefore, there is practical evidence that with a focus on health and wellness, responders can have a happy and healthy career. I hope you will join us for this highly interactive and informative session.

**SATURDAY, APRIL 22**

**ZOOM – FULL DAY**

# Continuing Education

## **UPDATED** In Honor of the Charleston 9: Sixteen Years Later

**Instructor: Dr. David Griffin, Assistant Chief, Charleston (SC) Fire Department**

Sixteen years have passed since June 18, 2007, in Charleston, South Carolina, where 9 firefighters perished in a furniture store fire. The presenter of this course, who was the engineer of the first-arriving engine on that fateful day, relates how this experience has changed organizational culture, response, education, resiliency, and training in the modern environment of emergency services. He gives a riveting account of what he witnessed that day as the first due-engineer, and the crisis that ensued in his organization and his personal life as well. This course also uses firsthand video footage from the incident with the coinciding radio traffic. It is as close of a perspective of being there that you can get. The presenter gives a minute-by-minute synopsis of the incident from when he drove the engine out of the firehouse all the way to where the department is today 16 years later because he is still there, but now is an Assistant Chief after progressing through every operational rank since June 18, 2007. Attendees will share in not only the pain of this occurrence, but also the triumph reflected in changes in numerous aspects of organizational culture over the last 16 years. This course and the information is timeless. No matter what rank you are, how many years you have on the job, or the fact that this event was 16 years ago, you will see yourself at some point in your career in this class. Please take the time to learn and honor 9 great men who made the ultimate sacrifice.

**FRIDAY, MAY 12**

**MONMOUTH COUNTY FIRE ACADEMY**

## **NEW** Incorporating Safety into Your Training

**Instructor: Brian Bennett, Iselin Fire Department**

We go to great lengths to ensure the safety of our firefighters when operating on the fireground. Do we have the same concern for safety during firefighter training? Over the past 10 years, the fire service has suffered an average of 8 line of duty deaths per year during training. This class will present ideas on how you can ensure firefighter safety during training by looking at common safety issues and basic precautions that can be taken to avoid injuries and fatalities. Several case studies of firefighter line of duty training injuries and deaths will be discussed.

**THURSDAY, MARCH 30**

**ZOOM – FULL DAY**

**FRIDAY, APRIL 14**

**MONMOUTH COUNTY FIRE ACADEMY**

**MONDAY, MAY 1**

**ZOOM – FULL DAY**

# Continuing Education

## Large Diameter Hose Strike Team Operations

**Instructor:** John Hueston, Jr., Director of the Middletown Twp. Fire Academy and Instructor at the Monmouth County Fire Academy

The Large Diameter Hose Strike Team Operations course is designed to familiarize students with the operation and deployment considerations of a pre-formed Large Diameter Hose (LDH) Strike Team. Pre-formed LDH Strike Teams are designed to set-up water supply operations for the “the big one”. The course will cover, how the LDH strike team fits into the on-scene incident command system, pre-incident preparation, utilizing dispatch information, assembling the strike team, convoying to the incident scene, incident arrival and check-in procedures, deploying the strike team, responsibilities while assigned – available – out of service, record keeping, and demobilization procedures. The course will also discuss and show examples of utilizing LDH appliances and techniques to solve common water supply problems which normally occur during a large diameter hose relay operation. Pump and water supply issue trouble shooting will also be discussed.

**SATURDAY, APRIL 8**

**BERGEN COUNTY FIRE ACADEMY**

## **NEW** Lessons, Learnings and Leadership from the Fireground 360

**Instructor:** Chief Christopher J. Naum, SFPE, Chief of Training Command Institute, Center for Fireground Leadership, Technical Consultant NIOSH Firefighter Line of Duty Death Investigation Program

Lessons and Learnings from the fireground resonate with recommendations and actions that all fire officers and commanders must recognize and implement in future fireground operations in order to reduce operational risks and improve incident operations, management and tactical integration. Through a facilitated discussion, prominent current and historical NIOSH LODD Reports and select national FD After Action Reports (AAR) will be examined, key report insights discussed with integrated perspectives and learnings of past historical incidents presented that are as relevant today as they were in the past decades. Common causal factors and Human Performance (HU), Operating Experience (OE) will be reviewed integrating the NIOSH Top Five, NFFF Six Domains and the UGA Root cause Four. This program provides a template to identify current and past trending issues affecting today’s demanding fireground with suggested focal points for personal, company and operational improvements and fireground effectiveness.

**SATURDAY, APRIL 15**

**BURLINGTON COUNTY ESTC**

# Continuing Education

## **NEW** Lithium Batteries: Awareness of Hazards and Safety

**Instructor: Chief Brian Bennett, PhD**

Lithium metal and Lithium-ion batteries are found everywhere in today's society. Lithium metal batteries are used to power common household items such as watches and clocks. Lithium-ion batteries are used to power items such as consumer electronic and mobility devices and electric vehicles. Fire Inspectors should be familiar with the types of lithium batteries and their associated hazards. This class will include information on battery basics, battery technology, storage systems, recharging systems, uses, hazards, and firefighting concerns.

**WEDNESDAY, APRIL 12**                      **ZOOM – HALF DAY**

**TUESDAY, MAY 9**                              **ZOOM – HALF DAY**

**WEDNESDAY, MAY 31**                      **ZOOM – HALF DAY**

## **Marine Firefighting Awareness**

**Instructor: Forest Herndon, Jr., Senior Trainer, MERE M-PACT Solutions**

Marine Firefighting is unarguably one of the most challenging of all firefighter disciplines. The incident complexity may vary, but in most cases, success is determined by the responders' level of preparation, training and general knowledge associated with the marine environment. This course will introduce the participants to key elements needed to operate effectively in the maritime arena, such as problems unique to marine responses, vessel types, ship configurations, communication challenges, specialized safety and tactical considerations to name a few. Knowledge gained will complement existing skill-sets while enabling emergency responders to mount an effective response.

**SUNDAY, MAY 7**                              **ZOOM – HALF DAY - PART A**

**SUNDAY, MAY 14**                              **ZOOM – HALF DAY - PART B**

## **NEW** Preventing Firefighter Training Injuries

**Instructor: James A. Kirsch, MPA, EFO, Captain (Retired) / Partner, Dominion Emergency Service Consultants**

This course will review statistics, case studies, and personal experiences to bring an awareness to fire service instructors of the problem of firefighter injuries and deaths during training. Data from fire service organizations will be presented to show that firefighter injuries during training evolutions are not falling, even though firefighter injuries during emergency operations have declined. Injury prevention recognition during hand-on training from the point of view of the certified instructor, company officer, and department training officer will be discussed. Additionally, the role of the department safety officer in injury prevention during training exercises will be reviewed. The course will also discuss the need for instructors to review lesson plans with an eye towards hazard recognition that may lead to a firefighter injury while creating a safer environment that allows for completion of training scenarios.

**SATURDAY, MAY 6**                              **MIDDLESEX COUNTY FIRE ACADEMY**

[www.keanfiresafety.com](http://www.keanfiresafety.com)

# Continuing Education

## **NEW** Still Riding

**Instructor: Dr. David Griffin, Assistant Chief, Charleston (SC) Fire Department**

On June 18, 2007, countless lives were changed forever. How do you respond to losing 9 firefighters in one incident? How do you make sense of something like this? For those who experienced it, there were many different responses. We must remember, everyone responds to trauma differently so the way we cope with it is different as well. There is no exact process that everyone can follow. There is a journey for each respective person to find peace with the turmoil a tragedy like this presents. For me, at first, it was alcohol, prescription drugs, anger, confusion, difficulty sleeping, flashbacks, mixed martial arts fighting, total resistance to change, and a struggle to come to work each day following the fire. I, of course, was not the only one. We saw so many good people in our department hurting then and still hurting now whether they are retired or still on the job. You must remember, our world and our existence were changed forever. Some will never understand this because thankfully they have never experienced anything close to this level of tragedy. Therefore, this course will include a brief first-hand account from my perspective as the first due engineer on the multiple LODD incident in Charleston, SC on June 18, 2007, a detailed account of my struggle with PTSD, my journey through higher education and operational experience, and where I am today as an Assistant Fire Chief. But this course is not about me, it is about US. The ones who experienced it then and re-experience it today. We are all Still Riding for the Charleston 9 in our own respective way because we lived it, and always will.

**SATURDAY, MAY 13**

**MIDDLESEX COUNTY FIRE ACADEMY**

## **NEW** Strategic Considerations of Ventilation

**Instructor: Anthony Aвило, Deputy Chief (ret.) North Hudson Regional Fire & Rescue; Director – Monmouth County Fire Academy**

Many a fireground has gone bad due to the uncoordinated or lack of proper, timely, and coordinated ventilation. This class, which will focus on the proper and disciplined coordination of fireground ventilation operations, will include the discussion of and the practical application of the findings of the UL Ventilation Studies and how it affects our operations. Types of ventilation, the difference between venting for life and venting for fire will be discussed. Additionally, both peaked and flat roof vertical ventilation will be discussed. Roof safety guidelines will also be included. Finally, vent, isolate, enter, search operations will be extensively covered. This class is a must for those who assign and supervise the ventilation, those who conduct the ventilation and those who will be able to put out the fire a little easier and safer because of the ventilation.

**TUESDAY, APRIL 11**

**ZOOM – FULL DAY**

**TUESDAY, APRIL 18**

**\*SOMERSET COUNTY ESTA**

\*This date is a two topic, full day class. The other topic is Fireground Strategies: High Rise Operations.

# Continuing Education

## The Dangers Lurking Below

**Instructors: Robert G. Moran, Fire Chief, Brewster, MA and John J. Lewis, Lieutenant (Ret.)  
City of Passaic FD and Bergen County Fire Academy**

Fires in a below grade areas are unlike any other fire to which we respond. The numerous dangers associated with advancing hoselines into these confined spaces while companies operate on the floors above have been linked to multiple firefighter fatalities, injuries, and RIC deployments over the past few years. Valuable information from recent scientific studies by UL and NIST have pointed to intensified heat release rates, increased use of lightweight wood construction, wind driven fires, improper fire suppression tactics, a lack of adequate ventilation, and inadequate water flow (GPM) as potential factors contributing to this rise in fatalities, injuries, and RIC operations. To enhance the ability of firefighters to implement an appropriate incident action plan safely and effectively at these incidents this program will provide an interactive review of these studies to ensure the attendees recognize and embrace the critical importance this new information has had on the preferred suppression methods at below grade fires. In addition, the instructors will also discuss the numerous hazards that will be found in both residential and commercial basement fires while delivering a variety of exceptional information on developing and applying safe and effective fireground strategy and tactics at these incidents. Topics to be covered include, incident management, size-up, search, ventilation, attack line selection and advancement, pre and post control overhaul, FF safety, and rapid intervention. Several case studies of floor collapse(s), firefighter maydays, and firefighter disorientation events that have occurred at recent basement fires will also be presented and discussed. "It's in the basement" are four words that should make every firefighter immediately rethink how these below grade fires should be approached. This program is designed to communicate the knowledge, skills, abilities, and confidence required to address these unique and dangerous incidents.

**SATURDAY, MARCH 11**

**MORRIS COUNTY FIRE ACADEMY**

## Think Like an Incident Commander

**Instructor: Thomas Dunne, Deputy Chief, New York City Fire Dept.**

What is an incident commander seeing, thinking, and feeling when he supervises a fire operation? Tactics may vary at various incidents but the one constant is the incident commander's thought process. How is his view of a fire different and how can his perspective make you a more effective firefighter? This lecture illustrates key points in preparation, size up, fire ground decision making, command, and communications. Through the use of case studies, photos, and videos, students are presented with the challenges inherent with rapid emergency decision making and are offered tools to help them function safely and effectively. This course is relevant for chiefs and company officers, however the concepts developed are also vital for firefighters of all ranks. A chief, company officer, or firefighter who has the ability to think like an incident commander is better prepared to make confident and effective decisions on the fireground.

**WEDNESDAY, MAY 17**

**MORRIS COUNTY FIRE ACADEMY**

# Continuing Education

## Tips and Techniques for the Incident Safety Officer

**Instructor: Brian Bennett, Iselin Fire Department**

Being an effective Incident Safety Officer requires a thorough understanding of the safety and health issues on the fireground. A critical function that must be properly completed is a risk analysis. This class provides will provide knowledge and practice in the context of current issues to develop strategies of risk management. This class will present tips and techniques that can be implemented by the Incident Safety Officer to ensure firefighter safety and health while still maintaining operational effectiveness. Other topics covered will be the firefighter fatality and injury problem, fire service safety culture, OSHA and NFPA competencies, operational scene safety analysis, emerging issues, and post incident considerations.

**MONDAY, MAY 8**

**UNION COUNTY FIRE ACADEMY**

## We're Only Human: Understanding Fireground Behavior

**Instructor: Thomas Dunne, Deputy Chief, New York City Fire Dept.**

We've all learned how to fight the fire, but how many of us will be able to accurately predict the behavior of the people affected by the fire? An understanding of their responses can be a great asset for firefighters in sizing up a fire, organizing a building evacuation, or managing a catastrophic event. This class teaches how civilians typically react to the stress and uncertainty of a fire or other threatening situation and provides firefighters with a guide to safely managing them. Videos, case studies, and personal fire ground experiences are used to highlight the genetic and social factors that determine human responses to danger. Practical, hands-on tactics designed to facilitate search and evacuation, improve fire alarm response, guide people in smoke conditions, and enhance safe crowd control are discussed along with high rise challenges and means of improving stairway movement. Learn how people think and you will be able to think like a more capable firefighter.

**WEDNESDAY, MAY 3**

**MONMOUTH COUNTY FIRE ACADEMY**

## Wheelchair Accessible and Handicap Mobility Vehicle Rescue and Awareness

**Instructor: Douglas Haviland, Former Chief, Red Bank Fire Department.**

Millions of Americans live with disabilities; for years this limited their ability to ambulate on their own and travel even to the corner store. All this has changed as the availability of mobility vehicles has increased, from a rarity just a few years ago to a common sight today, wheelchair friendly, lift equipped vehicles are everywhere from your neighbor's driveway to your local school bus fleet. This program will give you a unique and in depth look at these vehicles and the potential challenges they present in both crash and fire scenarios. The class will cover personal use vehicles such as ramp vans through lift equipped school buses and motor coaches. An additional segment will cover school bus and general motor coach rescue considerations as well as rescuer safety in a variety of situations.

**FRIDAY, MAY 12**

**ZOOM – FULL DAY**



# Fire Investigator

## Active and Passive Fire Protection in the Built Environment

**Instructor: Ronald E. Kanterman, Executive Inspector, FDNY-Bureau of Fire Prevention**

Discussion includes an in-depth look at the design, installation, maintenance, code requirements and application of: sprinklers, standpipes, CO<sub>2</sub>, halon, dry chemical, wet chemical, clean agent, smoke purge, foam and specialty systems. New technology in fire protection and suppression systems is also introduced.

**WEDNESDAY, MARCH 29**

**ZOOM – FULL DAY**

**FRIDAY, MAY 19**

**BURLINGTON COUNTY ESTC**

## NEW Basics of Fire Sprinklers and Fire Pumps

**Instructor: Tom Kline, Owner, Fire University**

During this course, trainees will learn about the components and function of each type of fire sprinkler system and fire pump. As a result of this course, the student shall be able to describe various types of water-based, foam fire suppression systems and fire pumps and basic inspection and testing information for these systems. The first portion of the class will consist of classroom theory, with the second half consisting of practical training in the Fire University training lab.

**TUESDAY, MAY 9**

**FIRE UNIVERSITY**

## NEW Building Strong Teams

**Instructor: Claudia A. Monte, Principal, Consultant, CAM Consulting Group, LLC**

The power of teamwork comes from having all individuals in an organization rowing in the same direction to achieve a common goal. The leadership challenge is getting those individuals with diverse personalities, experiences, and levels of expertise to work together as a team. Using lessons learned from Captain D. Michael Abrashoff, author of *It's My Ship*, we will navigate how to effectively lead and build strong teams. Participants will leave understanding how the quality of team relationships directly impacts performance, trust, retention, and customer satisfaction (internal and external).

**THURSDAY, MARCH 23**

**ZOOM – HALF DAY**

**THURSDAY, JUNE 8**

**ZOOM – HALF DAY**

# Fire Investigator

## Community Risk Reduction: Integrating Our Efforts

**Instructor:** Lt. Michael O. McLeier, Immediate Past President of the Michigan State Firemen's Association

This course is intended to familiarize fire operations personnel with the concepts of community risk reduction, stressing their importance in today's tough economic times. It is more important than ever for the fire service to seek innovative mitigation strategies to manage call volume and improve firefighter and public safety. This course was created by Vision 20/20, a project of the Institution of Fire Engineers, USA in cooperation with the National Fallen Firefighters Foundation and the National Fire Academy. The goal of this course is to provide national strategies to be utilized at the local level for fire loss prevention.

**WEDNESDAY, APRIL 19**

**ZOOM – FULL DAY**

**TUESDAY, MAY 9**

**MONMOUTH COUNTY FIRE ACADEMY**

**WEDNESDAY, MAY 10**

**TOMS RIVER FIRE ACADEMY**

## Concrete Parking Decks and Garages

**Instructor:** Brian Bennett, Iselin Fire Department

Concrete parking decks/garages are found in almost every jurisdiction as land becomes developed and the only option for parking cars is in vertical structures. This class will help you prepare for incidents in these structures by introducing you to the characteristics of concrete and concrete construction, the types of concrete construction, and the hazards associated with each. The components and techniques used to construct above ground and below ground concrete parking decks/garages and how they are assembled into the completed structure will be covered. The tactics used to fight horizontal and vertical fires in these structures will be reviewed, including the safety issues and case studies that involved fires and collapse in these structures.

**TUESDAY, APRIL 11**

**MIDDLESEX COUNTY FIRE ACADEMY**

## NEW Dry Pipe, Deluge and Pre-Action Systems

**Instructor:** Michele Shedlock, Chubb Risk Engineering Center Project Team Lead

This session is a mix of classroom and hands-on demonstrations that review the components and operation of the dry, pre-action, and deluge sprinkler systems. Fire detection systems will be reviewed, including how they interact with the pre-action and deluge systems.

Hands-on activities include tripping and resetting the dry pipe, pre-action, and deluge valves. NFPA 25 testing requirements for these systems will be reviewed and demonstrated.

**MONDAY, APRIL 24**

**CHUBB RISK ENGINEERING CENTER –  
8:30 A.M. START TIME**

# Fire Investigator

## NEW Emergencies Involving Electric and Hybrid Vehicles

**Instructor: David Dalrymple, AIEtecRI, Rescue Consultant/Educator for Roadway Rescue LLC**

In North America, alternative fueled vehicles are rapidly expanding into the field of both passenger vehicles and commercial vehicles. The main group in these alternate fueled vehicles are Hybrid and Electric vehicles. While we have dealt with Hybrids for over twenty years, EV's or electric vehicles, are much newer and have many different concerns and hazards than Hybrids. We will be covering ALL the concerns and hazards dealing with these vehicles. But unlike many programs we will teach operational problem solving to give students real world solutions to these problems. All of the necessary skills will be covered; patient management, fire suppression, extrication, scene mitigation, debris clean up, and situational awareness.

**TUESDAY, APRIL 18**

**UNION COUNTY FIRE ACADEMY**

**WEDNESDAY, MAY 3**

**BURLINGTON COUNTY ESTC**

## Evidence Based Firefighting: Dealing With Modern Fire Loads

**Instructor: Michael J. Corbo, Director, Atlantic County Fire Training Center**

This course will discuss and show through videos of actual controlled fires scenarios, produced by NIST and UL, the new changes in fire behavior brought about by the changes in modern building construction and synthetic materials that are found not only in modern buildings but also in legacy construction. All firefighters, and fire officers must be aware of these changes so that they can apply the appropriate strategy and tactics necessary to prevent firefighter injuries and deaths. Furthermore, fire instructors must possess this information to meet the current requirements of NFPA 1403, the live burn standard. This information has now been incorporated into New Jersey's Firefighter I program with all new firefighters learning how to apply this information on the fire ground. The rest of the fire service must now catch up and understand what is happening when they arrive at the fire scene and the fire does not react as it previously did.

**WEDNESDAY, MARCH 29**

**ZOOM - HALF DAY**

**WEDNESDAY, MAY 24**

**ZOOM - HALF DAY**

## Fire Departments Responsibilities at Incendiary Fires

**Instructors: Bob Disbrow, IAAI-CFI, Fire Captain/Investigator and Robert Seeburger, Battalion Chief Special Operations Command**

The Fire Officer's and Firefighter's responsibilities at the fire scene is critical. The actions taken by the officers and the members of the fire suppression companies can either help or hinder the fire investigation. Topics include: Fire Officer roles and responsibilities, evidence protection, fire scene overhaul, fire pattern identification, fire causes, incendiary device identification, fatal fires, report narrative and how not to compromise a fire scene.

**FRIDAY, MARCH 31**

**ZOOM - FULL DAY**

# Fire Investigator

## Fire Escape Inspections

**Instructor:** John Thomas, Fire Inspector Services, LLC

This course will provide information on how to conduct a fire escape inspection as well as information on fire escape companies as compared to welding companies. The course is designed to assist the Fire Official and Fire Inspector observing that fire escapes have been inspected properly and that repairs have been completed by a fire escape company that will certify the fire escape for 5 years.

**TUESDAY, APRIL 18**

**ZOOM – FULL DAY**

## Fire Incident Report Writing

**Instructors:** Vincent Campagna, New Jersey Division of Fire Safety and Ashley Bledsoe, New Jersey Division of Fire Safety

This course will identify the importance of Fire Incident Report Writing. The course will show how to properly document and articulate your fire incident and include how to write a narrative. Course teaches report writing skills to include who, what, where, when, why, how and C.A.R.T (Complete, Accurate Reliable and Timeliness).

**FRIDAY, MARCH 17**

**MIDDLESEX COUNTY FIRE ACADEMY**

**TUESDAY, APRIL 11**

**SOMERSET COUNTY ESTA**

**SATURDAY, APRIL 15**

**ZOOM – FULL DAY**

**THURSDAY, APRIL 20**

**UNION COUNTY FIRE ACADEMY**

**TUESDAY, JUNE 6**

**UNION COUNTY FIRE ACADEMY**

## Fire Investigation; Considering the Role of Natural Gas and/or Electricity

**Instructor:** Adrian J. Cales, Corporate Security Operations Manager, Public Service Enterprise Group, Detective Sergeant (Ret.), Arson Investigations Unit, Bergen County Prosecutor's Office

This program is designed to provide the student with a thorough, comprehensive and complete understanding of the properties of propane, natural gas and electricity, and the steps necessary for the examination of a fire scene where there is the potential that propane, natural gas or electricity were involved in either the origin or the cause of the fire, and, how any and all components associated with either propane, natural gas or electricity services must be subject to a detailed examination at every scene to either eliminate them, or attribute them, as to having any role or involvement in the origin or the cause of the fire.

**WEDNESDAY, MARCH 29**

**UNION COUNTY FIRE ACADEMY**

**WEDNESDAY, MAY 3**

**ZOOM – FULL DAY**

# Fire Investigator

## Fire Investigators Who We Really Are

**Instructor: John Thomas, Fire Inspector Services, LLC**

The course discusses the two types of fire investigations that are completed after a fire; the municipal investigation for accidental and incendiary fires and the insurance investigation. If you're interested in fire investigation, this course is a good introduction.

**TUESDAY, APRIL 25**

**ZOOM – FULL DAY**

## NEW Fire Pumps

**Instructor: Michele Shedlock, Chubb Risk Engineering Center Project Team Lead**

This session is a mix of classroom and hands-on demonstrations that review automatic fire pumps including drivers, controllers, and various other components. Hands-on activities include annual fire pump test on the electric booster pump. Attendees will graph fire pump test data and learn how to evaluate fire pump performance. NFPA 25 testing requirements for fire pumps and controllers are reviewed and demonstrated

**FRIDAY, MAY 19**

**CHUBB RISK ENGINEERING CENTER –  
8:30 A.M. START TIME**

## Fundamentals of Automatic Sprinkler and Standpipe Systems

**Instructor: Paul T. Dansbach, Fire Marshal, Borough of Rutherford**

This course will present timely and up to date material covering fundamental design and water supply requirements for automatic sprinkler and standpipe systems including when and why building fire pumps are required. The participants will be able to identify the various component parts of automatic sprinkler systems, standpipe systems and fire pumps. The importance of ensuring these fire protection systems are maintained in full service, while identifying common system impairments and violations which lead to these fire protection systems being out of service, will be reviewed throughout the course.

Please note: Part 1 is a prerequisite to part 2. Zoom classes are half day.

**SATURDAY, APRIL 1**

**ZOOM – HALF DAY – PART 1**

**MONDAY, APRIL 10**

**PASSAIC COUNTY FIRE ACADEMY**

**TUESDAY, MAY 23**

**ZOOM – HALF DAY – PART 2**

# Fire Investigator

## NEW Handling Difficult Situations

**Instructor: Claudia A. Monte, Principal, Consultant, CAM Consulting Group, LLC**

There are difficult people everywhere. There are tough situations that we must face. Handling conflicts, differences, and diverse personalities are part of our personal and professional lives. Learning how to identify behaviors of difficult people, control emotions, and communicate assertively helps drive constructive outcomes. Participants will leave knowing how to keep issues and people from having a negative and stressful effect on them.

**THURSDAY, MARCH 30**

**ZOOM – HALF DAY**

**THURSDAY, MAY 11**

**ZOOM – HALF DAY**

## HAZMAT for Fire Inspectors: Alternative Fuels

**Instructor: Brian Bennett, Iselin Fire Department**

Alternative fuels are slowly replacing fossil fuels. These new fuels are found in all types of occupancies, including residential, commercial, retail, and industrial facilities, as well as, vehicles and mobility devices. This class will help Fire Inspectors become familiar with the types of fuels being used, where they are likely to be found, and a review of their containers and hazards. Having some basic knowledge about these common fuels will allow the Inspector to conduct more effective inspections. This class will review alternative fuels such as liquefied hydrogen gas, compressed hydrogen gas, propane/LPG, compressed natural gas, liquefied natural gas, lithium batteries, and solar power.

**THURSDAY, APRIL 13**

**ZOOM – HALF DAY**

## HAZMAT for Fire Inspectors: Common Chemicals

**Instructor: Brian Bennett, Iselin Fire Department**

Hazardous materials are found in all types of occupancies, including residential, commercial, retail, and industrial facilities. Fire Inspectors are often confronted with these common chemicals when they inspect facilities where hazardous materials are used or stored. This class will cover some of the common chemicals found in use or storage in various occupancies covered by the fire code in Chapters 21-27, 29, 35, and 50-67. Having some basic knowledge about the use, storage, and hazards of these common chemicals will allow the Inspector to conduct more effective inspections. This class will review the shipping/storage containers, hazards, uses, and locations where such commonly encountered chemicals as carbon dioxide, nitrogen, liquefied petroleum gas, acetylene, ethanol, chlorine, hydrogen, ammonia, and Bakken crude may be found. The use of the Emergency Response Guidebook will be reviewed to identify potential hazards.

**SATURDAY, MAY 20**

**ZOOM – HALF DAY**

# Fire Investigator

## HAZMAT for the Fire Inspector: Terms, SDS, HSFS

**Instructor: Brian Bennett, Iselin Fire Department**

Fire Inspectors must have a working knowledge of the terms used in the fire codes in order to fully understand the risks posed by hazardous materials they may encounter. This is not limited to understanding the definition but also understanding the practical application of these terms. Being conversant with these terms will also be helpful in interpreting the data presented in Safety Data Sheets (SDS) and NJ Hazardous Fact Sheets (HFS). The information provided in NJ Right to Know submittals will also be reviewed. The terms covered in this class are used in the fire code in Chapters 21-27, 29, 35, and 50-67 as well as Section 202. Applying the information learned in this class along with real life examples will lead to more effective inspections of hazardous materials facilities.

**THURSDAY, JUNE 1**

**ZOOM – HALF DAY**

## Health and Wellness for the Emergency Responder

**Instructor: Dr. David Griffin, Assistant Chief, Charleston (SC) Fire Department**

Health and wellness in the emergency services profession is essential for a successful career but also a personal life that is not riddled with stress from the job. How do we, the ones on the frontlines, take care of ourselves? This is a question that is multifaceted and includes many factors. Therefore, in this course we will discuss how stress impacts the body and mind, the importance of physical and mental wellness, healthy eating habits, working together through stress, and one of my favorites in battling the challenge of this profession, mindfulness. All of these factors will be presented with practical examples for all students to utilize in their everyday lives. This class is based on real life examples of what works to deal with our stress from an emergency responder who is still in the emergency services profession as a Battalion Chief and a Shift Commander in a department that experienced one of the worst line of duty death incidents in fire service history. Therefore, there is practical evidence that with a focus on health and wellness, responders can have a happy and healthy career. I hope you will join us for this highly interactive and informative session.

**SATURDAY, APRIL 22**

**ZOOM – FULL DAY**



# Fire Investigator

## Inspection and Testing of Water Based Fire Protection Systems: Part 1

**Instructor: Paul T. Dansbach, Fire Marshal, Borough of Rutherford**

This class was previously presented as Water-Based Fire Protection System, NFPA 25-14. The class has been expanded and separated into two separate parts to meet the expanded requirements of NFPA 25-14 and to address both technical and administrative requirements of the NJ UFC. Part 1 of this class will focus on the technical requirements of Chapter 9 of the NJ IFC, how to properly cite the requirements of NFPA 25-14 and other referenced NFPA standards. Administrative requirements including the requirements for imminent hazards and abatement periods as they apply to water based fire protection systems will be presented. The requirements of Chapters 3 and 15 of NFPA 25-14 will be reviewed as well as information for determining when and how fire watches may be conducted and how to deal with system impairments. Information relating to how to determine Commodity Classifications from NFPA 13 will also be presented. Participants may take part 1 and/or part 2 and in any order and are not required to complete both parts for CEU credit.

**SATURDAY, MAY 13**

**MIDDLESEX COUNTY FIRE ACADEMY**

## Inspection and Testing of Water Based Fire Protection Systems: Part 2

**Instructor: Paul T. Dansbach, Fire Marshal, Borough of Rutherford**

This class was previously presented as Water-Based Fire Protection System, NFPA 25-14. The class has been expanded and separated into two separate parts to meet the expanded requirements of NFPA 25-14 and to address the technical requirements of the NJ UFC. Part 2 of the class will focus on the inspection, test and maintenance requirements of various chapters of NFPA 25-14 for water-based fire protection systems. The requirements and spacing rules from NFPA 13 for standard spray and ESFR sprinkler head spacing rules will be presented in this class. This information will allow code officials to identify when alterations have been performed to the building or the sprinkler system which may have violated the spacing rules of NFPA 13 and will allow fire inspector to identify obstructions to the sprinkler heads. Participants may take part 1 and/or part 2 and in any order and are not required to complete both parts for CEU credit.

**SATURDAY, MAY 20**

**MIDDLESEX COUNTY FIRE ACADEMY**



# Fire Investigator

## NEW ITM Requirements for Fire Sprinkler Systems

**Instructor:** John Jeffers, Instructor, Fire University

Trainees will take an in-depth look at NFPA 25. Through this course, individuals will gain a refresher on the use of a codebook and how to apply the NFPA 25 code to their daily work. After completing this course, the trainee will be better prepared, from a legal obligation to a practical knowledge standpoint, to inspect and carry out their job in accordance with NFPA 25. The first half of the course will consist of classroom theory, with the second half consisting of practical training on fire sprinkler systems and fire pumps. All instruction and training will take place in the Fire University training lab.

**TUESDAY, MAY 23**

**FIRE UNIVERSITY**

## Legacy Wood Frame Construction Principles

**Instructor:** Paul T. Dansbach, Fire Marshal, Borough of Rutherford

Wood frame constructed buildings pose significant challenges for the fire service. This program will enhance the participant's knowledge and understanding of the construction methods, materials, the fire spread and collapse potential of legacy wood frame buildings which include buildings of Post & Beam Construction, Balloon Frame and Platform Frame buildings. Fire behavior and the relationship between building construction and fire behavior will be presented throughout the session. Case studies of fire incidents and buildings under construction or renovation will be used throughout the program. The program will also review how to develop and utilize differing forms of case studies to meet various teaching objectives relating to legacy wood frame buildings.

**TUESDAY, APRIL 18**

**ZOOM – HALF DAY**

## Lithium Batteries: Awareness of Hazards and Safety

**Instructor:** Chief Brian Bennett, PhD

Lithium metal and Lithium-ion batteries are found everywhere in today's society. Lithium metal batteries are used to power common household items such as watches and clocks. Lithium-ion batteries are used to power items such as consumer electronic and mobility devices and electric vehicles. Fire Inspectors should be familiar with the types of lithium batteries and their associated hazards. This class will include information on battery basics, battery technology, storage systems, recharging systems, uses, hazards, and firefighting concerns.

**WEDNESDAY, APRIL 12**

**ZOOM – HALF DAY**

**TUESDAY, MAY 9**

**ZOOM – HALF DAY**

**WEDNESDAY, MAY 31**

**ZOOM – HALF DAY**

# Fire Investigator

## Origin and Cause: A Systematic and Comprehensive Investigation

**Instructor: Adrian J. Cales, Corporate Security Operations Manager, Public Service Enterprise Group, Detective Sergeant (Ret.), Arson Investigations Unit, Bergen County Prosecutor's Office**

This program is designed to provide the student with a thorough, comprehensive and complete format for the examination of a fire scene, and the documentation and determination of the origin of a fire, as well as the elimination and documentation of any and all fire causes, leading to the location where the fire originated, and to the event which facilitated the ignition of the fire.

**WEDNESDAY, MAY 17**

**ZOOM - FULL DAY**

**WEDNESDAY, MAY 24**

**MONMOUTH COUNTY FIRE ACADEMY**

## Pre-Engineered Commercial Kitchen Fire Extinguishing System Training

**Instructor: David Pelton, National Association of Fire Equipment Distributors**

The pre-engineered fire extinguishing system training program is designed to be used as a training program for authorities having jurisdiction (AHJs) and other interested parties. It is designed to assist the AHJ in recognizing the requirements of NFPA 17A, Wet Chemical Fire Extinguishing Systems for the protection of commercial cooking operations and the requirements of NFPA 96, Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations. The content of the class is based on the requirements of these standards and will include descriptions and examples of typical industry practices regarding installation, inspection, maintenance and service of pre-engineered systems.

**WEDNESDAY, MAY 10**

**PASSAIC COUNTY FIRE ACADEMY**

**THURSDAY, JUNE 1**

**ZOOM - FULL DAY**

## Principles of Modern Building Construction

**Instructor: Michael Scardino, Fire Chief/Fire Official (Ret.) Winslow Twp. Fire Department**

Principles of Modern Construction is a refresher for the veteran firefighter/inspector, and a primer for the newest member. It is designed to create an appetite for future construction study, emphasizing both the vital importance and value of both aggressive preplanning and fire inspection. This course is continually updated to include and highlight cutting edge methods, materials, technologies, and trends. Not just your average five-hour CEU course, it truly offers something for every attendee to use, and apply.

**FRIDAY, MAY 5**

**ZOOM - FULL DAY**

**SATURDAY, JUNE 10**

**MIDDLESEX COUNTY FIRE ACADEMY**

# Fire Investigator

## Wood Frame & Ordinary Construction Principles

**Instructor: Paul T. Dansbach, Fire Marshal, Borough of Rutherford**

Wood frame and ordinary constructed buildings pose significant challenges and risks for the fire service. This program will enhance the knowledge and understanding of the construction methods, materials, the fire spread and collapse potential of wood frame and ordinary constructed buildings. Case studies of fire incidents, case studies of buildings under construction and renovation will be presented throughout the program to illustrate the program objectives. The programs will also review how to develop and utilize differing forms of case studies including the use of NIOSH LODD reports to meet various teaching objectives relating to wood frame and ordinary construction.

**MONDAY, APRIL 3**

**MONMOUTH COUNTY FIRE ACADEMY**

**TUESDAY, MAY 16**

**SOMERSET COUNTY ESTA**

## Youth Firesetter Awareness

**Instructors: Joseph Ehrhardt, Juvenile Justice Administrator (Ret.), Youth Firesetter Intervention Program Manager (Ret.) Current Fire and Life Safety Educator and Fire Service Trainer and Helge Nordtveit, Fire Captain (Ret.) Youth Firesetter Intervention Program Manager (Ret.) Current Fire Official, Fire Instructor and Fire Service Trainer**

Does your community have an issue with children using fire in unsupervised or dangerous ways? If you said “Yes”, are you comfortable with your community’s response? If you said “No”, how educated are you on the issue and are you comfortable with a reliance on the status quo? If you said “I don’t know”, there are several steps that you can take immediately to learn about and respond to this often hidden, misunderstood, and potentially deadly and destructive issue.

**TUESDAY, MARCH 21**

**ZOOM – HALF DAY**

**WEDNESDAY, APRIL 19**

**ZOOM – HALF DAY**

**THURSDAY, MAY 4**

**ZOOM – HALF DAY**

# Community Risk Reduction

## Community Risk Reduction: Integrating Our Efforts

**Instructor:** Lt. Michael O. McLeieer, Immediate Past President of the Michigan State Firemen's Association

This course is intended to familiarize fire operations personnel with the concepts of community risk reduction, stressing their importance in today's tough economic times. It is more important than ever for the fire service to seek innovative mitigation strategies to manage call volume and improve firefighter and public safety. This course was created by Vision 20/20, a project of the Institution of Fire Engineers, USA in cooperation with the National Fallen Firefighters Foundation and the National Fire Academy. The goal of this course is to provide national strategies to be utilized at the local level for fire loss prevention.

**WEDNESDAY, APRIL 19**

**ZOOM – FULL DAY**

**TUESDAY, MAY 9**

**MONMOUTH COUNTY FIRE ACADEMY**

**WEDNESDAY, MAY 10**

**TOMS RIVER FIRE ACADEMY**

## Youth Firesetter Awareness

**Instructors:** Joseph Ehrhardt, Juvenile Justice Administrator (Ret.), Youth Firesetter Intervention Program Manager (Ret.) Current Fire and Life Safety Educator and Fire Service Trainer and Helge Nordtveit, Fire Captain (Ret.) Youth Firesetter Intervention Program Manager (Ret.) Current Fire Official, Fire Instructor and Fire Service Trainer

Does your community have an issue with children using fire in unsupervised or dangerous ways? If you said "Yes", are you comfortable with your community's response? If you said "No", how educated are you on the issue and are you comfortable with a reliance on the status quo? If you said "I don't know", there are several steps that you can take immediately to learn about and respond to this often hidden, misunderstood, and potentially deadly and destructive issue.

**TUESDAY, MARCH 21**

**ZOOM – HALF DAY**

**WEDNESDAY, APRIL 19**

**ZOOM – HALF DAY**

**THURSDAY, MAY 4**

**ZOOM – HALF DAY**

# Health and Wellness

## Diet and Exercise for Peak Firefighter Performance

**Instructor: Brian Crimmins, Chief, Hoboken Fire Department**

Cancer, heart disease, diabetes, depression, and obesity are leading firefighter illnesses. Diet and exercise are proven solutions to improve wellness and tactical performance, but the media and the firehouse are filled with contradictory information on these topics. This 2.5-hour course explores the link between a firefighter's diet, exercise, nutrition, and chronic disease. It presents research from Harvard University, the Salk Institute, and leading academic journals. It examines the Keto Diet, Mediterranean Diet, and time-restricted eating. The instructor presents expert recommendations on the amount of exercise, type of exercise, and how to adjust fitness routines with age. Given chronic exposure to carcinogens, pathogens, and sleep deficit, the course goal is to identify diet and exercise routines for peak firefighter performance.

**THURSDAY, APRIL 27**

**ZOOM – HALF DAY**

## Health and Wellness for the Emergency Responder

**Instructor: Dr. David Griffin, Assistant Chief, Charleston (SC) Fire Department**

Health and wellness in the emergency services profession is essential for a successful career but also a personal life that is not riddled with stress from the job. How do we, the ones on the frontlines, take care of ourselves? This is a question that is multifaceted and includes many factors. Therefore, in this course we will discuss how stress impacts the body and mind, the importance of physical and mental wellness, healthy eating habits, working together through stress, and one of my favorites in battling the challenge of this profession, mindfulness. All of these factors will be presented with practical examples for all students to utilize in their everyday lives. This class is based on real life examples of what works to deal with our stress from an emergency responder who is still in the emergency services profession as a Battalion Chief and a Shift Commander in a department that experienced one of the worst line of duty death incidents in fire service history. Therefore, there is practical evidence that with a focus on health and wellness, responders can have a happy and healthy career. I hope you will join us for this highly interactive and informative session.

**SATURDAY, APRIL 22**

**ZOOM – FULL DAY**



# Health and Wellness

## **NEW** Incorporating Safety into Your Training

**Instructor: Brian Bennett, Iselin Fire Department**

We go to great lengths to ensure the safety of our firefighters when operating on the fireground. Do we have the same concern for safety during firefighter training? Over the past 10 years, the fire service has suffered an average of 8 line of duty deaths per year during training. This class will present ideas on how you can ensure firefighter safety during training by looking at common safety issues and basic precautions that can be taken to avoid injuries and fatalities. Several case studies of firefighter line of duty training injuries and deaths will be discussed.

**THURSDAY, MARCH 30**

**ZOOM – FULL DAY**

**FRIDAY, APRIL 14**

**MONMOUTH COUNTY FIRE ACADEMY**

**MONDAY, MAY 1**

**ZOOM – FULL DAY**

## **NEW** Preventing Firefighter Training Injuries

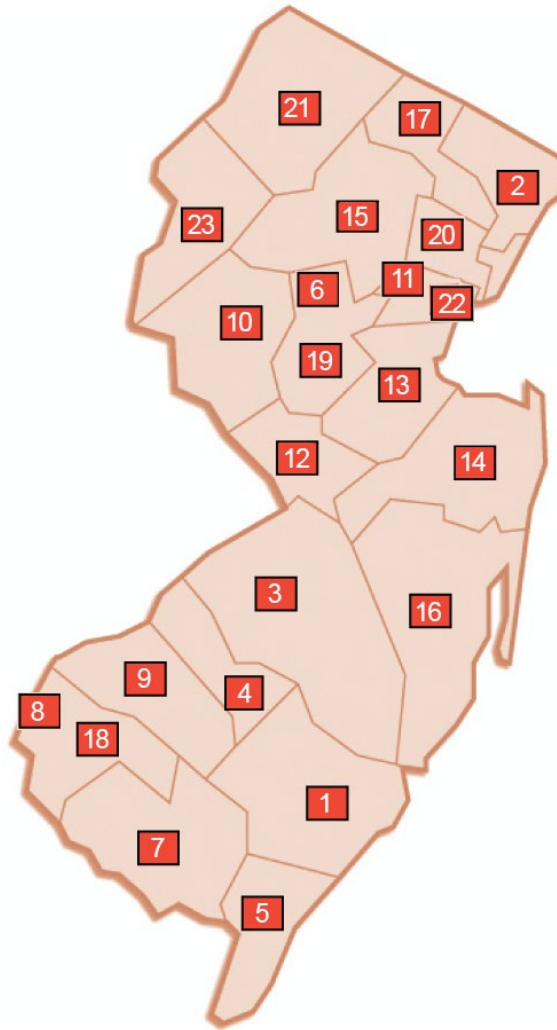
**Instructor: James A. Kirsch, MPA, EFO, Captain (Retired) / Partner, Dominion Emergency Service Consultants**

This course will review statistics, case studies, and personal experiences to bring an awareness to fire service instructors of the problem of firefighter injuries and deaths during training. Data from fire service organizations will be presented to show that firefighter injuries during training evolutions are not falling, even though firefighter injuries during emergency operations have declined. Injury prevention recognition during hand-on training from the point of view of the certified instructor, company officer, and department training officer will be discussed. Additionally, the role of the department safety officer in injury prevention during training exercises will be reviewed. The course will also discuss the need for instructors to review lesson plans with an eye towards hazard recognition that may lead to a firefighter injury while creating a safer environment that allows for completion of training scenarios.

**SATURDAY, MAY 6**

**MIDDLESEX COUNTY FIRE ACADEMY**

# NJ Fire Training Academy Locations



## New Jersey Fire Training Academy Locations

1 - Atlantic County	9 - Gloucester County	17 - Passaic County
2 - Bergen County	10 - Hunterdon County	18 - Salem County
3 - Burlington County	11 - Kean University	19 - Somerset County
4 - Camden County	12 - Mercer County	20 - Sprinkler Fitters Local Union 696 Lab
5 - Cape May County	13 - Middlesex County	21 - Sussex County
6 - Chubb Risk Engineering Center	14 - Monmouth County	22 - Union County
7 - Cumberland County	15 - Morris County	23 - Warren County
8 - Fire University	16 - Ocean County & Toms River Fire Academy	

# NJ Fire Training Academy Locations

## Atlantic County Fire Training Center

(Anthony "Tony" Canale Training Center)

5033 English Creek Avenue, Egg Harbor Township, NJ 08234, 609-407-6743

**From GSP southbound and northbound:** Take GSP to Atlantic City Expressway, Exit 38 towards Philadelphia. On AC Expressway, take first exit, Exit 9, AC International Airport. Pay toll, go to stop sign at top of hill, make left onto Delilah Road. Go 1 mile to English Creek Avenue (CR 575) make left. Follow for 3.5 miles, Training Center is on the right.

**From AC expressway eastbound:** Take Exit 9, make right at light after toll onto Delilah Road. Go .5 mile to English Creek Avenue (CR 575) make left. Follow for 3.5 miles, Training Center is on the right.

**From AC expressway Westbound:** Take Exit 9, AC International Airport. Pay toll, go to stop sign at top of hill, make left onto Delilah Road. Go 1 mile to English Creek Avenue (CR 575) make left. Follow for 3.5 miles, Training Center is on the right.

## Bergen County Fire Academy

(Law and Public Safety Institute, Police, Fire & EMS) 281 Campgaw Road, Mahwah, NJ 07430, 201-818-7800

**Via Route 4 West:** Route 4 West to Route 208 North (bear right at the split). 208 North to the Ewing Ave. exit (first exit in Franklin Lakes). At the end of the ramp turn right onto Ewing Ave. At stoplight, turn left onto Franklin Ave. Go approximately 0.5 mile and turn right onto Pulis Ave. (VFW is on the right at the intersection). Proceed on Pulis Ave. for 1 mile and turn left onto Campgaw Road. Institute is about 1 mile North on the right. Note: If you miss Ewing Avenue, the next exit is Summit Ave. Proceed East on Summit to the first light and turn left onto Franklin Ave. The next light on Franklin is at Pulis Ave. Turn Right onto Pulis Ave. (VFW is on the right at the intersection). Proceed on Pulis Ave. for 1 mile and turn left onto Campgaw Road. Institute is about 1 mile North on the right.

**Via Route 17 from the South:** Route 17 North to the MacArthur Blvd exit. Turn left at light onto MacArthur go to end. Turn right onto Darlington Ave. and make first left onto Seminary Road. Seminary Road to Campgaw Road. Turn left onto Campgaw Road. The Institute is about 0.5 mile on the left.

**Via Route 17 from the North:** Route 17 South to Route 202/Ramapo Valley Road. Route 202 (Ramapo Valley Road) South to Darlington Ave. Darlington Ave. North, Bear right at fork onto Campgaw Road. The institute is about 0.75 mile on the left.

**Garden State Parkway, North and South:** Garden State Parkway to exit 160. Left onto Paramus Road. Travel 0.25 mile, take Rte.4W/208N exit. Follow the directions "Via Route 4 West", above. **Alternate:** Garden State Parkway to exit 163, Oradell Ave., West. Turn right at the end of the ramp onto Oradell Ave. Oradell Ave. West to Route 17 North. Follow the directions "Via Route 17 from the South", above.

**From 287 North:** Route 287 North to Route 208 South. Route 208 South to Summit Ave. exit. At the end of the ramp turn left onto Summit Ave. Proceed East on Summit to the first light and turn left onto Franklin Ave. The next light on Franklin is at Pulis Ave. Turn Right onto Pulis Ave. (VFW is on the right at the intersection). Proceed on Pulis Ave. for 1 mile and turn left onto Campgaw Road. Institute is about 1 mile North on the right.

**From 287 South and the New York State Thruway:** Bear left onto Route 17 South. Route 17 South to Route 202/Ramapo Valley Road. Route 202 (Ramapo Valley Road) South to Darlington Ave. Darlington Ave. North, bear right at fork onto Campgaw Road. The institute is about 0.75 mile on the left.



# NJ Fire Training Academy Locations

## Burlington County Emergency Services Training Center

53 Academy Drive, Westampton (Mt. Holly), NJ 08060, 609-702-7157 ext. 3900

\*\*1 Academy Drive, Westampton, NJ 08060, NJ 911 / Central Communication Building

**From NJ Turnpike:** Take Exit 5 to traffic light. Turn right onto Route 541. Proceed East 2 miles. Before the second traffic light, turn into jug handle (Woodlane Road/County Facilities) and stay right. Turn right off jug handle onto Woodlane Road, (Route 630). Proceed 1 mile to second traffic light. Turn right at the light. Follow signs for Public Safety Center. Turn left after the Public Safety Center onto Academy Drive. Follow to the end.

**From I-295 North or South:** Take Exit 45A (Mount Holly/Willingboro). Proceed to third traffic light and turn left onto Irick Road for 0.5 mile. Turn right onto Woodlane Road, (Route 630). Turn left at next light into the complex. Follow signs for Public Safety Center. Turn left after the Public Safety Center onto Academy Drive. Follow to the end.

## Camden County Fire Academy

420 Woodbury/Turnersville Road, Blackwood, NJ 08012, 856-374-6167

**From NJ Turnpike:** Take Exit 3 to Route 168 South, (Black Horse Pike). Proceed 5.2 miles through Blackwood. Turn right at the traffic light at Lakeland Road. Follow Lakeland Road 1.0 mile to the end. Turn right onto Woodbury/Turnersville Road. The Fire Academy is 0.4 miles down on the left, across from Health Services Center. **From I-295:** Take Exit 28 to Route 168 South, (Black Horse Pike). Travel 6.1 miles through Runnemede and Blackwood. Turn right at the traffic light at Lakeland Road. Follow Lakeland Road 1.0 mile to the end. Turn right onto Woodbury/Turnersville Road. The Fire Academy is 0.4 miles down on the left, across from the Health Services Center.

## Cape May County Fire Academy

175 Crest Haven Road, Cape May Court House, NJ 08210, 609-465-2570

**From the GSP:** Take Exit 11, turn left at first traffic light. Proceed .5 mile on Crest Haven Road; Fire Academy is on the right.

## Chubb Risk Engineering Center

35 Columbia Road Branchburg, NJ 08876

US -22 West to Readington Road  
Slight right toward Orr Dr  
Turn Left onto Orr Dr  
Continue onto Readington Road  
Left on Columbia Rd

US-22 East  
Right onto Readington Road  
Left on Columbia Rd

I-78 West  
Take exit 26  
Turn Left on Rattlesnake Bridge Rd

# NJ Fire Training Academy Locations

Continue on Lamington Rd  
Turn Left on NJ-28E  
Turn Right on Orr Dr  
Continue on Readington Rd  
Turn Left onto Columbia Rd

I-287 North use the 2 left lanes to take exit 21B  
Merge onto I-78 West  
Take exit 26  
Turn Left on Rattlesnake Bridge Rd  
Continue on Lamington Rd  
Turn Left on NJ-28E  
Turn Right on Orr Dr  
Continue on Readington Rd  
Turn Left onto Columbia Rd

I-287 South take exit 17 on the left to merge onto US-202 S/US-206 S toward US 22  
Use the right lane to merge onto US-22 W via the ramp to Clinton  
Slight right toward Orr Dr  
Turn Left onto Orr Dr  
Continue onto Readington Road  
Left on Columbia Rd

## Cumberland County Fire Training Center

601 Vineland Avenue, Bridgeton, NJ 08302, 856-455-8526

**From NJ Turnpike:** Take Exit 7 (Route 206). Follow signs to I-295 South. Take I-295 South about 30 miles to Route 42 South. Take Route 42 South about 3 miles to Route 55 South. Take Exit 32B (Route 56 West). See below.

**From Route 55:** Take Exit 32B, (Route 56 West). Follow Route 56 West 3.3 miles. At the second traffic light, turn left onto Morton Ave., Route 634 South. After exactly 1.0 mile, turn right onto Bridgeton Ave. (Route 666 West). Training Center is 1.5 miles down on the left.

**From Route 77 South:** To Rosenhayn Ave., Route 659 East. Follow Rosenhayn Avenue to Bridgeton Avenue, Route 666 East. Training Center is on the right just past The Cumberland County Technical Education Center.

## Fire University

9 Florence Ave, Building B, Penns Grove, NJ 08069

**From the South:** Take exit 10 of the Garden State Parkway. Take Court House South Dennis Rd and NJ-347 N to NJ-55 N in Maurice River. Follow NJ-55 N and US-40 W to NJ-48 W in Carneys Point Township. Continue on NJ-48 W. Drive to Florence Ave

**From the North:** Take the NJ Turnpike South. Take the NJ-140 exit toward Penns Grove/Deepwater/County Rd 540. Take S Pennsville Auburn Rd, Hollywood Ave and US-130 N to Florence Ave.

**From 295 South:** Take exit 13. Follow US-130 S to Florence Ave in Carneys Point Township.

# NJ Fire Training Academy Locations

## Gloucester County Fire Academy

210 County House Road Clarksboro, NJ 08020, 856-494-5683

**From I-295 Southbound:** Take Exit 18 (Mt. Royal, Clarksboro). At the top of the ramp and at the traffic light, turn left. Pass through the next traffic light. Dunkin Donuts will be on your right. Proceed through the next traffic light and travel 1.5 miles to the next traffic light. Proceed through the light and immediately bear to the right (County House Road). NOTE: The Pantry 1 convenience store must be on your immediate right. The Fire Academy is about .5 mile on your left.

**From I-295 Northbound:** Take Exit 18 (Mt. Royal, Clarksboro, Paulsboro). At the top of the ramp and at the traffic light turn right. A Dunkin Donuts will be on your right. Follow directions as stated above.

**From the Atlantic City Expressway or Route 322:** From the AC Expressway take Exit 38 for Williamstown (RT 536 Sicklerville Road). Follow to large intersection (see Geets Diner on your right). Proceed through the intersection and follow all signs for RT 322 West. Proceed about 15 miles. You will pass over RT 55. Shortly thereafter you will pass through 2 traffic lights. Note a large WaWa on your right. Travel about 1 mile and bear right onto RT 667. Follow RT 667 for 4 miles. At the traffic light for RT 667 and RT 45, the name will change to Cohawkin Road. Continue straight for about another 4 miles. There will be a large cemetery on your left. Turn right onto County House Road. Proceed about 1 mile, the Fire Academy building can be seen on your right. It is the closest building to the road.

**From Route 55:** Exit RT 55 at RT 322 West and follow directions above.

**From NJ Turnpike:** Exit at Exit 2. At the end of the ramp turn left. Follow RT 322 to the next traffic light (NOTE: Kingsway High School is on your far right.) Turn right onto Kings Highway. Proceed north for about 7 miles. Shortly after passing a Heritage convenience store on your left, you will see a white church on your right. Turn right onto Shady Lane. Proceed to stop sign, (County House Road) turn left. You will see the Fire Academy on your right. The building is the closest to the road.

## Hunterdon County Emergency Services Training Center

59 Petticoat Lane, Annandale, NJ 08807, 908-806-5599 NOTE: GPS directions are not accurate

**DIRECTIONS to 59 Petticoat Lane, Annandale, (Clinton Township) NJ 08801**

**From I-78 East:** Take Exit 20A Lebanon / Round Valley Rec Area, right turn onto Cokesbury Rd. to Route 22 West. Right turn onto Route 22 West to second traffic light at Petticoat La. Right turn onto Petticoat lane, travel 0.8 miles to HCESTC driveway. Turn left into driveway, to HCESTC sign turn right onto lane to parking lot.

**From I-78 West:** Take Exit 18 Annandale/Lebanon onto Route 22 East to second traffic light left turn lane for Petticoat Lane. Turn left onto Petticoat Lane, go 8/10ths of a mile to HCESTC driveway. Turn left into driveway, to HCESTC sign turn right onto lane to parking lot.

**From US Route 22 East:** Exit at Petticoat Lane and follow directions from above.

**From Route 287 Northbound:** Take Exit 14B to Route 22 West. Proceed on Route 22 West approximately 17 miles and follow directions above.

# NJ Fire Training Academy Locations

**From Route 287 Southbound:** Take Exit 21B for I-78 West - Easton PA. Follow I-78 West take Exit 20A Lebanon / Round Valley Rec Area, right turn onto Cokesbury Rd. to Route 22 West. Right turn onto Route 22 West to second traffic light at Petticoat La. Right turn onto Petticoat lane, travel 0.8 miles to HCESTC driveway. Turn left into driveway, to HCESTC sign turn right onto lane to parking lot.

## Kean University

1000 Morris Ave, Union, NJ 07083, 908-737-3060

For all students attending classes at the Kean University location, you must register your vehicle in advance. Tickets of \$50.00 will be given for unregistered vehicles. Parking is in white lined spaces. **DO NOT PARK IN THE VISITOR LOT.** Go to the parking permits page on [www.keanfiresafety.com](http://www.keanfiresafety.com) by hovering over Course Brochure and then clicking on Kean University Parking Permit. Next, click on the link under the Date you plan to attend and complete the required fields: State, License Plate, Make, Style, Color. Click the Register button. See the course description for building name and room number. See the campus map for building location <http://www.keanfiresafety.com/kean-campus-map/>

## From US Route 22

**Eastbound:** Drive under Parkway turn right onto exit for Route 82 East. Continue toward Elizabeth. Campus is within 2 miles. Turn right on Green Lane. Make a left at the first traffic light and turn left at the 3 way stop.

**Westbound:** Drive under Parkway, keep right and follow signs to Elizabeth (Route 82 East). Turn right on Morris Avenue/ 82 east. Turn right on Green Lane. Make a left at the first traffic light and turn left at the 3 way stop.

## From the Garden State Parkway

**Northbound:** Leave Parkway at Exit 140, keep right and follow signs for Route 82 East towards Elizabeth. Turn right on Morris Avenue/82 east. Turn right on Green Lane Make a left at the first traffic light and turn left at the 3 way stop.

**Southbound:** Leave Parkway at Exit 140-A onto Route 22 West. Keep right and follow signs to Elizabeth (Route 82 East). Turn right on Morris Avenue/82 east. Turn right on Green Lane. Make a left at the first traffic light and turn left at the 3 way stop.

## From Routes 1 & 9

**Northbound:** Enter Elizabeth and go around the Bayway circle onto Route 439 West (Elmora Avenue). Continue to Morris Avenue (Route 82 West). Turn left onto Green Lane. Make a left at the first traffic light and turn left at the 3 way stop.

**Southbound:** Entering Elizabeth follow signs for Local Traffic (extreme right). Follow signs to North Avenue. Turn right onto North Avenue (Route 439) Turn right onto Route 82 /Morris Avenue. Turn left onto Green Lane. Make a left at the first traffic light and turn left at the 3 way stop.

## From The New Jersey Turnpike

**From Exit 13A (Elizabeth):** Follow North Avenue West sign onto route 439. Turn right on Morris Ave/ Route 82. Turn left onto Green Lane. Make a left at the first traffic light and turn left at the 3 way stop.

**From Exit 14, Take Route 1-9 South:** Entering Elizabeth follow signs for Local Traffic (extreme right). Follow signs to North Avenue. Turn right onto North Avenue (Route 439) Turn right onto Route 82 / Morris Avenue. Turn left onto Green Lane. Make a left at the first traffic light and turn left at the 3 way stop.

# NJ Fire Training Academy Locations

## Mercer County Fire Academy

(Captain John T. Dempster Sr. Fire Service Training Center)

350 Lawrence Station Road, Lawrenceville, NJ 08648, 609-799-3245

**NOTE:** Parking is not allowed on the training grounds.

**From NJ Turnpike (above Exit 9):** Take Exit 9 to Route 18 North to Route 1 South. Proceed approximately 18 miles to Quaker Bridge Road. Take Quaker Bridge Road exit. After the Quaker Bridge Mall, proceed .5 mile and turn right onto Lawrence Station Road. Training Center is on the right after approximately .75 mile.

**From NJ turnpike (below Exit 8):** Take Exit 7A to I-195 West. Follow I-195 West to I-295 North. Take exit for Route 1 North. Follow Route 1 North to Quaker Bridge Road. Take Quaker Bridge Road exit. After mall, proceed .5 mile and turn right onto Lawrence Station Road. Training Center is on the right after approximately .75 mile.

## Middlesex County Fire Academy

1001 Fire Academy Dr, Sayreville, NJ 08872, 732-727-0008

### From the North

**Route 9 South:** Cross the Raritan River and take the South Amboy Business District/Parkway South exit. Make a right at light onto Chevalier Drive. Turn left onto Main Street. Take jug handle for Kennedy Drive. At stop sign turn right onto Fire Academy Drive.

**Route 287:** Take 287 south to Route 9 south. Cross over the Raritan River and take the South Amboy Business District/Parkway South exit. Make a right at light onto Chevalier Drive. Turn left onto Main Street. Take jug handle for Kennedy Drive. At stop sign turn right onto Fire Academy Drive.

**New Jersey Turnpike:** Take the NJ Turnpike to exit 11. Follow signs to Route 9 south. Cross over the Raritan River and take the South Amboy Business District/Parkway South exit. Make a right at light onto Chevalier Drive. Turn left onto Main Street. Take jug handle for Kennedy Drive. At stop sign turn right onto Fire Academy Drive.

**Garden State Parkway:** Take the Garden State Parkway South to Exit 124. Make right onto Main St., Sayreville. Make first right turn off of Main St. onto Kennedy Drive. Kennedy Drive will turn into Fire Academy Drive at the first traffic light.

### From the South

**Route 9 North:** Take 35 North/Parkway South exit. Follow signs for Chevalier Drive and Parkway South. Take Chevalier Drive to Main Street. Take jug handle for Kennedy Drive. At stop sign turn right onto Fire Academy Drive.

**Garden State Parkway:** Take the Garden State Parkway North to Exit 125. At end of exit ramp turn left onto Chevalier Drive. Make the second left onto Main St., Sayreville. Take jug handle for Kennedy Drive. At stop sign turn right onto Fire Academy Drive.

# NJ Fire Training Academy Locations

**New Jersey Turnpike:** Take the NJ Turnpike to exit 10. Follow signs to 440 east to Route 9 south. Cross over the Raritan River and take the South Amboy Business District/Parkway South exit. Make a right at light onto Chevalier Drive. Turn left onto Main Street. Take jug handle for Kennedy Drive. Turn right onto Fire Academy Drive.

**From Middlesex County Route 535:** Take Route 535 (Cranbury Rd.) east to Main St. in South River. Cross over the Veteran's Memorial Bridge. Proceed to the second traffic light and make a left turn onto Main Street in Sayreville. Proceed to fourth traffic light and turn left onto Fire Academy Drive.

## Monmouth County Fire Academy

1027 Business Route 33 East, Howell, NJ 07728, 732-938-5689

**From NJ Turnpike Southbound:** Take Exit 8, merge onto 133 west, turn on to travel 33 East, can take the 33 Bypass to avoid local and business traffic, approximately 18 miles to the Academy which will be on the left side.

**From NJ Turnpike Northbound:** Take exit 7A, merge on to I-195 East, stay on about 20 miles to Route 9 North Exit 28B, take Route 9 North for about 6 miles to Route 79 North/South St (Freehold), merge onto Rte 33 East. Take 33 East for approximately 5 miles; Academy is 1/2 mile past Cabin Restaurant on the left.

## Morris County Firefighter and Police Training Academy

500 West Hanover Avenue, Parsippany, NJ 07950, 973-285-2979

**From I-287 Southbound:** Take Exit 36. Bear right off exit to traffic light. Make right onto Ridgedale Avenue. At next traffic light, make left onto East Hanover Avenue. Proceed through six additional traffic lights. At the 7th traffic light, turn right into Academy driveway (Freedom Way). Mileage - 3.5 miles.

**From I-287 Northbound:** Take Exit 36B. Cross back over I-287 and stay to the extreme right. At the traffic light, take yield to the right (Ridgedale Avenue). Turn left at third traffic light (East Hanover Avenue). Proceed through 6 additional traffic lights. At the 7th traffic light, turn right into the Academy driveway (Freedom Way). Mileage - 3.5 miles.

**From Route 24 Westbound:** Take Exit 1A. At first traffic light make right onto Hanover Avenue. Proceed through 8 additional traffic lights. At 9th traffic light, turn right into Academy driveway (Freedom Way). Mileage - 4.5 miles.

**From GSP Northbound:** Take Exit 142 to I-78 East to I-78 West, to I-287 (then follow directions from I-287 Northbound), or Route 24 West (Follow directions from Route 24 Westbound).

**From NJ Turnpike Northbound:** Take I-78 West. To Route 24 West (Then follow directions from Route 24 Westbound).

# NJ Fire Training Academy Locations

## Ocean County Fire & EMS Training Center

200 Volunteer Way, Waretown, NJ 08758, 800-723-2088

**From the North and South:** Take Garden State Parkway North to Exit 69 (Waretown). Turn right onto Route 532 East (Wells Mills Road). Take Wells Mills Road approximately 2.5 miles to Route 9. Turn left onto Route 9 North. Travel Route 9 North approximately 0.6 miles to Volunteer Way. Turn left and follow to the end.

**From the West:** Take Route 70 East to Route 72 East. Take Route 72 East for approximately 16 miles to Route 532 (Wells Mills Road). Turn left onto Route 532 for approximately 8 miles to Route 9. Turn left onto Route 9 North. Travel Route 9 North approximately 0.6 miles to Volunteer Way. Turn left and follow to end.

## Passaic County Fire Academy

300 Oldham Road, Wayne, NJ 07470, 973-304-6020

**From the North:** GSP North to Exit 153. Route 3 West to Route 46 West. Make a right onto Union Boulevard (Turns into Union Avenue). Go to Preakness Avenue and make a left onto Preakness Avenue \*Take Preakness Avenue to the very top of the hill. Turn right onto Oldham Road – follow Oldham Road to sign for Passaic County Fire Academy “Kattak Parkway”, on right side, approximately 1.5 miles.

**From the South:** GSP South To Exit 154 onto Route 46 West. Make a right unto Union Boulevard (Turns into Union Avenue). Go to Preakness Avenue and make a left onto Preakness Avenue. Follow the above direction from the \*.

**From Route 80 Westbound:** Take Route 80 West to Exit 56 on the right (Squirrelwood Road, West Paterson). Make a right at end of ramp. Make first left onto Glover Street, Go through first traffic light and over bridge. At second traffic light, turn right onto Totowa Avenue. At first traffic light, turn left onto Preakness Avenue. \* Take Preakness Avenue to the top of the hill. Turn right onto Oldham Road – follow Oldham Road to sign for Passaic County Fire Academy “Kattak Parkway”, on right side approximately 1.5 miles.

**From Route 80 Eastbound:** Take Route 80 East to Exit 54 on the right (Minnisink Road, Totowa). Make left at end of ramp and go back over Route 80 on Minnisink Road. Make first left onto Vreeland Avenue (sign for Route 80 West). At the end of Vreeland Avenue, make a right onto Riverview Drive. Make a right onto Valley Road (Golf Course is on the right) from Riverview Drive. Make a right onto Preakness Avenue from Valley Road. Follow above directions from the \*.

**Going East on Valley Road, Wayne, N.J. (toward Ratzer Road):** Turn right on Preakness Avenue – go to top of hill – turn left on Oldham Road – follow Oldham Road to sign for Passaic County Fire Academy, on right side approximately 1.5 miles.

**Going West on Valley Road, Wayne, N.J. (toward French Hill Road):** Turn left on Preakness Avenue – go to top of hill – turn left on Oldham Road – follow Oldham Road to sign for Passaic County Fire Academy, on right side “Kattak Parkway,” approximately 1.5 miles.

# NJ Fire Training Academy Locations

**Going East on Alps Road, Wayne, N.J.** Make right on Burhwood Avenue, proceed to Valley Road and make a right on Valley Road to Preakness Avenue – turn left – go to top of hill, make a left turn on Oldham Road – follow Oldham Road to sign for Passaic County Fire Academy, on right side approximately 1.5 miles.

**Going West on Alps Road, Wayne, N.J.** Make a left on Birchwood Avenue – proceed to Valley Road – make a right turn on Valley Road – make a left at Preakness Avenue – go to top of hill – make left on Oldham Road – follow Oldham Road to sign for Passaic County Fire Academy, on right side “Kattak Parkway,” approximately 1.5 miles.

**From Route 46:** Exit at Riverview Drive (from East or West) proceed on Riverview Drive to Valley Road – turn right on Valley Road – go to Preakness Avenue – make a right turn on Preakness – make a left turn on Oldham Road – follow Oldham Road to sign for Passaic County Fire Academy, on right side “Kattak Parkway,” approximate- ly 1.5 miles.

**From Route 287 North to Route 80 East:** Exit Minnisink Road – at end of exit make left, go over Route 80. Take next left. Go to end to stop sign. Make a right – straight to Valley Road (can only make a right) Straight to Preakness Avenue – make right. Up to top of hill make left on Oldham Road. – follow Oldham Road to sign for Passaic County Fire Academy, on right side “Kattak Parkway,” approximately 1.5 miles.

## Salem County Fire Academy

135 Cemetery Road, Woodstown, NJ 08098, 856-769-3500

**From the North:** Take I-295 South to Exit 4 - Penns Grove Woodstown. Take Route 48 East to Route 40. Turn right on Route 45 where Route 40 and 45 intersect. (Landmarks - WaWa and Shopping Center) 1.5 miles south make a left on Cemetery Road. (Landmarks - County Road Dept. and Veterans Cemetery) Look for signs that say Salem County Emergency Services. The Academy is right next to the Salem County Road Dept.) The Fire Training Center is on the right. (It is a two story brick building with three towers behind it). The entrance is the same as the Salem County Correctional Facility.

**From the East:** Take Route 40 West through Woodstown to traffic light (WaWa on corner), proceed straight through light onto Route 45 South, go approximately 1.5 miles turn left on Cemetery Road. Follow the directions above.

**From South East:** Take Route 49 West to Salem, turn right on to Route 45 North, go approximately 7 miles turn right on Cemetery Road. The Academy is second driveway on right.

## Somerset County Emergency Services Training Academy

402 Roycefield Road, Hillsborough, NJ 08844, 908-725-5070

**From the East:** I-78 West to I-287 South. Take Bridgewater Exit 17 (202/206 South). Take Route 206 South around the Somerville Circle toward Princeton. Travel for approximately 2.5 miles and turn right onto Dukes Parkway West. Travel approximately 1 mile and turn left onto Roycefield Road. Go approximately 0.5 mile and turn left into the Somerset County Public Works facility. Go through the gates and make an immediate right. Follow this road to the Training Academy.



# NJ Fire Training Academy Locations

**From the South:** Garden State Parkway or New Jersey Turnpike to I-287 North. Take Exit 14B to Route 22 West. Go approximately 2 miles and take Route 202/206 South. Take Route 206 South around the Somerville Circle toward Princeton. Travel for approximately 2.5 miles and turn right onto Dukes Parkway West. Travel approximately 1 mile and turn left onto Roycefield Road. Go approximately .5 mile and turn left into the Somerset County Public Works facility. Go through the gates and make an immediate right. Follow this road to the Training Academy.

**From the South (via Route 206):** Take Route 206 North onto Hillsborough Township. Travel for approximately 6 miles and take the jug handle for Dukes Parkway West. Travel approximately 1 mile and turn left onto Roycefield Road. Go approximately .5 mile and turn left into the Somerset County Public Works facility.

**From the North:** From I-287 South. Take Bridgewater Exit 17 (202/206 South). Follow the directions from the East.

**From the West:** I-78 East to I-287 South. From I-287 South take Exit 17 (202/206 South). Follow the directions from the East.

## **Sprinkler Fitters Local Union 696**

41 E. Willow St. #43, Millburn, NJ 07041

### **From the North**

Take 287 South

Take exit 37 to NJ 24 E

Take the exit to 78 E toward Newark

Take exit 49A to merge onto NJ 124 W/Springfield Ave toward NJ 82/Union/Springfield

Turn right onto Main St

Turn right onto E Willow St

Destination will be on your left

### **From the South**

Take the Garden State Parkway North

Take exit 139B toward NJ 82 W/Union

Turn right onto Chestnut St

Slight right onto Stuyvesant Ave

Turn left onto Elmwood Ave

Turn left onto NJ 82 W/Morris Ave

Turn right onto Maple Ave

Slight left onto Main St

Continue straight to stay on Main St

Turn right onto E Willow St

Destination will be on your left.

# NJ Fire Training Academy Locations

## Sussex County Fire Academy

(At the Sussex County Homestead Complex in Frankford Township)

114 Morris Turnpike (Route 655), Newton, NJ 07860, 973-948-7897

**From Route 206 or Route 94 Northbound:** (Route 206, 94 and 519 merge in Newton). Take Route 206 or 94 to 519 North in Newton (Hayeks Market). Turn onto Route 519 North. Take Route 519 North until the intersection with Route 655 (Morris Turnpike). Go straight through intersection. Fire Academy is approximately 1 mile on the left.

**From I-80 Westbound:** Take I-80 to Route 15 North. Take Route 15 North to intersection with Routes 206 & 565 (Ross' Corner). Take Route 206 North (straight through intersection). Follow Route 206 to Route 519. Left turn on Route 519 South until the intersection with Route 655. Right turn onto Route 655 (Morris Turnpike). Fire Academy is approximately 1 mile on the left.

**From I-80 Eastbound:** Take I-80 to Route 94 North or Route 206 North. Follow directions for Route 206 or Route 94 above.

**From route 23:** Take Route 23 to Route 639 (Sussex Boro - Loomis Ave.). Take Route 639 to Route 565 (McCoys Corner). Route 565 South to Routes 206 & 15 (Ross' Corner). Follow Route 206 North to Route 519. Take Route 519 South to Route 655. Right turn onto Route 655 (Morris Turnpike). Fire Academy is approximately 1 mile on the left.

## Toms River Fire Academy

1780 Church Rd, Toms River, NJ 08753 732-255-4024

**From the North:** Take the Garden State Parkway South to Exit 88 and turn right to state highway route 70 west. Take Rt 70 West approximately four miles to New Hampshire Ave. Turn left using a right-handed jug handle to New Hampshire Ave south approximately three miles to Church Road. Turn left onto Church Rd and follow road east under Parkway the training center is on left approximately one-half mile after parkway.

**From the South:** Take the Garden State Parkway North to Exit 83. Take Route 9 (Lakewood Rd) north approximately three miles to Church road turn right follow road east under parkway the training center is on the left approximately one half-mile after parkway.

**From the West:** Take Route 70 East to New Hampshire Ave. Turn right onto New Hampshire Ave travel south for approximately three miles to church road Turn left follow church road under parkway. Academy is on the left in approximately one half mile after parkway.

# NJ Fire Training Academy Locations

## Union County Department of Public Safety Fire/EMS Training Academy

1075 Edward St., Linden, NJ 07036

For students using navigational apps for Union County Fire Academy, you are advised to ONLY use Google Maps. All other apps/software will take you to a different location.

**From Garden State Parkway North:** Take Exit 135 (Clark), bear to the right and follow Brant Ave. to traffic light. Make a left on Westfield Avenue. Follow straight through seven traffic lights onto East Grand Ave. and cross Route 1 & 9. Continue straight onto Barnett St. which will turn into Lower Rd. Continue straight past the Amazon distribution center on your left and turn left onto Avenue C. Academy Main Campus entrance will be 100 yards on the left.

**From Garden State Parkway South:** Take Exit 135 (Clark), follow circle under Parkway and make first right onto Brant Ave. Then follow directions above from Parkway North.

### Routes 1 & 9 North:

Proceed North on Route 1 & 9 past the Union County Resource Recovery Facility in Rahway on the right, continue for  $\frac{3}{4}$  of a mile and turn right onto East Grand Ave. Continue straight onto Barnett St. which will turn into Lower Rd. Continue straight past the Amazon distribution center on the left and turn left onto Avenue C. Academy Main Campus entrance will be 100 yards on the left.

### Routes 1 & 9 South:

Proceed South on Routes 1 & 9 past the Walmart Supercenter in Linden on the right. Drive under the railroad overpass and turn left onto Avenue C. Continue straight on Avenue C for  $\frac{1}{4}$  mile, Academy Main Campus entrance is on the right.

## Warren County Fire Academy

1024 Route 57, Washington, NJ 07882, 908-835-2048

**Route 78W:** Take Exit 17. Drive north on Route 31 for 10 miles. Go under railroad bridge; make left at traffic light on Route 57 West. Go 2-3 miles to the Warren County Community College and Public Safety Building entrance. Take left into driveway. Follow road through left curve; make right toward radio tower. Academy is on left in front of the radio tower.**From the South:** Garden State Parkway or New Jersey Turnpike to I-287 North. Take Exit 14B to Route 22 West. Go approximately 2 miles and take Route 202/206 South. Take Route 206 South around the Somerville Circle toward Princeton. Travel for approximately 2.5 miles and turn right onto Dukes Parkway West. Travel approximately 1 mile and turn left onto Roycefield Road. Go approximately .5 mile and turn left into the Somerset County Public Works facility. Go through the gates and make an immediate right. Follow this road to the Training Academy.

**From the South (via Route 206):** Take Route 206 North onto Hillsborough Township. Travel for approximately 6 miles and take the jug handle for Dukes Parkway West. Travel approximately 1 mile and turn left onto Roycefield Road. Go approximately .5 mile and turn left into the Somerset County Public Works facility.

**From the North:** From I-287 South. Take Bridgewater Exit 17 (202/206 South). Follow the directions from the East.

**From the West:** I-78 East to I-287 South. From I-287 South take Exit 17 (202/206 South). Follow the directions from the East.

	UFC	UFC	UCC	UCC	Fire	Fire	Multiple	Page #
Course Title	Admin	Tech	Admin	Tech	Instructor	Investigator	Dwelling	
Active and Passive Fire Protection in the Built Environment		x		x	x	x		23
Aircraft Rescue Firefighting					x			44
Basics of Fire Sprinklers and Fire Pumps		x		x	x	x	x	42
Building Strong Teams	x				x	x		16
Buildings on Fire; Tactical Risks for First Due Companies and Commanders					x			44
Carbon Monoxide Alarm Regulations		x					x	23
Code Update		x		x			x	24
Command Decision Making: A Safety Perspective					x			45
Community Risk Reduction: Integrating Our Efforts	x				x	x		16
Concrete Parking Decks and Garages		x			x	x		24
Connecting And Interacting With Challenging Boss Behaviors	x				x			16
Construction Operations and Planning for Fires in Mega Mansions and Large Area Residentials						x		45
Diet and Exercise for Peak Firefighter Performance					x			46
Drill Ground Instructor *								38
Dry Pipe, Deluge and Pre-Action Systems		x		x	x	x		42
	UFC	UFC	UCC	UCC	Fire	Fire	Multiple	Page #
Course Title	Admin	Tech	Admin	Tech	Instructor	Investigator	Dwelling	
Effective Budgeting for the Fire Official	x							17
Emergencies Involving Electric and Hybrid Vehicles					x	x		46
Emergency Incident Media Coverage					x			47
Emotional Intelligence	x				x			17
Evidence Based Firefighting: Dealing With Modern Fire Loads					x	x		47
Fire Department Responsibilities at Incendiary Fires		x			x	x		25
Fire Escape Inspections		x				x	x	25
Fire Extinguisher Training		x						25
Fire Incident Report Writing		x			x	x		26
Fire Investigation: Considering the Role of Natural Gas and/or Electricity		x			x	x		26
Fire Investigators; Who We Really Are						x		61
Fire Pumps		x		x	x	x		42
Fire Service Concerns for Television and Film Productions				x				27
Fire Size Up					x			47
Fire Suppression Operations in Strip Malls					x			48
Firefighter Burn Injuries, what you need to know!					x			48
Firefighter Safety and Survival					x			48
Fireground Strategies: High Rise Operations					x			49
First Due Concerns for the Initial Incident Commander					x			49
	UFC	UFC	UCC	UCC	Fire	Fire	Multiple	Page #
Course Title	Admin	Tech	Admin	Tech	Instructor	Investigator	Dwelling	
Fundamentals of Automatic Sprinkler and Standpipe Systems		x		x	x	x	x	27
Fundamentals of Use Groups		x		x				28
Handling Difficult Situations	x		x		x	x		17
Harassment, Diversity, and Social Media: Issues for the Emergency Services	x		x		x			18
Hazard Identification and Prevention					x			50
Hazardous Materials-Bulk Storage to Big Box Stores		x				x		28
HAZMAT for Fire Inspectors: Alternative Fuels		x			x	x		29
HAZMAT for Fire Inspectors: Common Chemicals		x			x	x		29
HAZMAT for Fire Inspectors: Terms, SDS, and HFS		x			x	x		29
Health and Wellness for the Emergency Responder					x	x		50
Healthcare Facilities Pre-Incident Planning/Fire Fighter Hazards		x			x			30
Healthcare Facility UFC Inspections		x			x			30
Hot Topics in Code Enforcement		x		x				31
	UFC	UFC	UCC	UCC	Fire	Fire	Multiple	Page #

Course Title	Admin	Tech	Admin	Tech	Instructor	Investigator	Dwelling	
In Honor of the Charleston 9: Sixteen Years Later					x			51
Incorporating Safety into Your Training					x			51
Inspection and Testing of Water Based Fire Protection Systems (Part 1& 2)		x		x	x	x		31 & 32
ITM Requirements for Fire Sprinkler Systems		x		x	x	x		43
Large Diameter Hose Strike Team Operations					x			52
Legacy Wood Frame Construction Principles		x		x	x	x		32
Lessons, Learnings and Leadership From the Fireground 360					x			52
Lithium Batteries: Awareness of Hazards and Safety					x	x		53
Looking Through Johari Window					x			18
Managing Fireworks Displays		x						33
Managing the Local Enforcing Agency	x				x			18
Marine Firefighting Awareness					x			53
Mobile Food Vendor Inspection and Safety Course		x						33
Origin and Cause: A Systematic and Comprehensive Investigation		x				x		33
Pre-Engineered Commercial Kitchen Fire Extinguishing System Training		x				x		34
Pre-planning and Fire Suppression of Buildings Under Construction and The Dangers of		x			x	x		34
Presentation Skills	x				x			19
Preventing Firefighter Training Injuries					x			53
	UFC	UFC	UCC	UCC	Fire	Fire	Multiple	Page #
Course Title	Admin	Tech	Admin	Tech	Instructor	Investigator	Dwelling	
Principles and Practices of Dynamic Leadership	x				x			20
Principles of Modern Building Construction		x		x	x		x	35
Public Education: Fire Safety Programs for Preschool and Elementary	x				x			20
Public Education: Innovative Fire Safety Programs for Teens and Adolescents	x				x			21
Public Education; Fire Safety & Prevention Programs for Families & Seniors	x				x			21
Smoke Alarms for Residential Applications		x		x	x		x	35
Solar Power: Strategy and Tactics for the First Responder		x			x			35
Still Riding					x			54
Strategic Considerations of Ventilation					x			54
Street Smart Fire Inspections		x						36
Subchapter 4: "Retro-fit Requirement" Where are we now		x		x			x	36
	UFC	UFC	UCC	UCC	Fire	Fire	Multiple	Page #
Course Title	Admin	Tech	Admin	Tech	Instructor	Investigator	Dwelling	
The Dangers Lurking Below					x			55
The Training Division					x			36
Think Like an Incident Commander					x			55
Tips and Techniques for the Incident Safety Officer					x			56
Tips and Tools for Effective Inspections		x	x					37
Vacant Buildings; Best Practices for Handling Vacant Building Inspections		x						37
Water Supplies and Sprinkler Systems		x		x				43
We're Only Human: Understanding Fireground Behavior					x			56
Wheelchair Accessible and Handicap Mobility Vehicle Rescue and Awareness					x			56
Woodframe and Ordinary Construction Principles		x			x	x	x	37
Youth Firesetter Awareness	x				x	x		22