

New Jersey Division of Fire Safety &
Kean University Fire Safety Training Program
2024 SPRING BROCHURE



Table of Contents

| | |
|--|----|
| LETTER FROM THE FIRE MARSHAL | 3 |
| REGISTRATION INSTRUCTIONS | 5 |
| REQUEST FOR COURSE PROPOSALS | 9 |
| CALENDAR OF EVENTS | 11 |
| ACADEMY SPOTLIGHT | 15 |
| UFC ADMINISTRATIVE COURSES | 17 |
| NATIONAL FALLEN FIREFIGHTER FOUNDATION | 22 |
| UFC TECHNICAL COURSES | 23 |
| FIRE SERVICE CERTIFICATIONS/EXAMS | 36 |
| CONTINUING EDUCATION/FIRE INSTRUCTOR | 44 |
| FIRE INVESTIGATOR COURSES | 52 |
| COMMUNITY RISK REDUCTION COURSES | 60 |
| HEALTH AND WELLNESS COURSES | 61 |

Routinely check the Division of Fire Safety and the Kean Fire Safety Training Program
for additional 2024 course programs, events and updates:
www.keanfiresafety.com and 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.

Please consult this brochure for all course planning. In the case of a conflict of information with the online registration, the information in the brochure will be what is followed.



Cover Photo Credits:
Chief Lou Pepe
Morris County Public Safety Training Academy

Karen Grant, Director
Kean University, NJ Fire Safety Training Program

www.keanfiresafety.com

Letter from the Fire Marshal

Welcome to the Spring 2024 Course Brochure

To our dedicated New Jersey Firefighters,

I extend my deepest gratitude for your unwavering commitment to keeping our communities safe. Your tireless efforts and sacrifices are truly commendable. I urge you to persist in your training endeavors, as continuous learning is paramount in mastering the ever-evolving challenges of firefighting.

The importance of staying ahead of new techniques, equipment, and safety protocols cannot be overstated. Your dedication to ongoing training not only enhances your individual skills but also ensures the collective strength of our firefighting force. In the face of unpredictable situations, your preparedness and expertise make a profound difference.

The knowledge gained through training empowers you to act decisively and protect lives and property with utmost efficiency. Thank you for your service, and may your commitment to training serve as a beacon of inspiration to all.

Be safe.

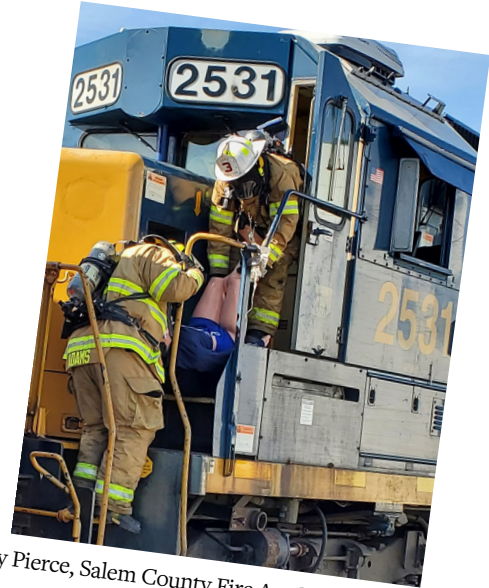
Rich Mikutsky

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

Featured Training Academy Photos



Chief Lou Pepe County of Morris Asst Fire Marshal Fire
Training Coodinator MINE HILL FD A



Leroy Pierce, Salem County Fire Academy Director (Ret.)



Karen Grant, Director NJ Fire Safety Training Program



Chief Burnett, Mount Laurel Fire Department Burlington
County Tech Recue USAR Team Training



David Salon, NJ Fire Safety Training Program



Karen Grant, Director NJ Fire Safety Training Program -
ARFF TRAINING

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
- Go to Log In. (Log In button is in blue box at top right of keanfiresafety.com home screen.)
- Click/enter Log In.
- The next page you will be directed to is: 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
- Click/enter Log In. (Log In button is in blue box at top right of keanfiresafety.com home screen.)
- The site you will be directed to is 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
- Click the Log In button. (Log In button is in blue box at top right of www.keanfiresafety.com home screen.)
- The next page you will be directed to is: 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/Enroled.
- 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.

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. 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 March 6, 2024 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, Introduction to Fire Sprinkler Systems and NFPA 13E, 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 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, Director
kgrant@exchange.kean.edu

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



KEAN

FIRE SAFETY TRAINING PROGRAM 2024 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.

- ☐ 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 2024 REQUEST FOR COURSE PROPOSAL

Spring 2024 Calendar of Events

APRIL

Youth Firesetting Intervention Specialist

April 17 - April 18

MAY

EO Meeting

May 17

Union County Fire Academy

NJDFS Fire Bowl

May 23

STEM Building Kean University
Union, NJ

For more information visit:

www.keanfiresafety.com

JUNE

New Jersey Weekend

June 1-2

National Fire Academy
Emmitsburg, MD

20th Annual Homeland Security & Fire Safety Conference

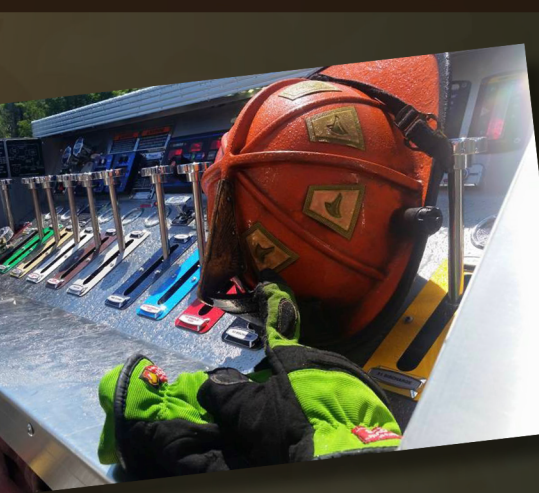
June 6

STEM Building Kean University
Union, NJ

For more information visit:

www.keanfiresafety.com

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

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 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.

Resiliency Is the Way

Have we done a good job of developing resilient firefighters? Have we given them the tools to succeed during a profession where we respond to the worst day of someone's life? Unfortunately, the research on mental health and suicide rates of emergency responders indicates that we have an issue that must be addressed. Therefore, during this class we will focus on why post-traumatic stress, acute stress disorder, and post-traumatic stress disorder affect emergency responders all over the world and how we can provide resiliency training to combat this. Quite often emergency responders do not understand why they are feeling a certain way mentally and physically from the trauma witnessed on emergency scenes. This creates many challenges both personally and professionally. Furthermore, responders may not know where to go for help or are afraid to ask for help due to the stigma and "suck it up" mentality plaguing emergency services.

Also, during this course, David will discuss the signs, symptoms, and differences of posttraumatic stress, acute stress disorder, and post-traumatic stress disorder from research and from his own personal experience. He will then outline stress management strategies that can be used in the firehouse and where responders can go for help. These tools and techniques have been used for decades to combat stress and require no funding. It only requires a willingness to learn and take the information back to your department members to help save those who save others.

Academy Spotlight

Mercer County Fire Academy

350 Lawrence Station Rd. Lawrenceville, NJ 08648
(609) 799-3245 | www.DFTC.org



The Mercer County Fire Academy is located at the Captain John T. Dempster, Sr. Fire Service Training Center located in Lawrenceville. Set in a suburban area, the fire academy was built in 1989 with a central training focus for the fire service community in and around Mercer County. Today, the Dempster Center has an ever-expanding role in providing training to Fire, EMS and Dispatch personnel in the Mercer County region. The Academy is a division of Mercer County Community College.

The academy has three classrooms and a 160-seat auditorium that hosts numerous courses and meetings throughout the year. Each classroom and the auditorium have current technology that allows for an excellent instructional and learning experience.

The residential burn building and the drill tower each have burn rooms with a stainless steel system with thermal lining installed on the walls and ceilings. The system protects the walls and ceilings from the heat and includes a heat monitoring system outside that allows the staff to constantly monitor the temperature inside to maximize safety.

The academy drill ground has a 40' Haz Mat tanker that is propane fueled to simulate tanker fires. The tanker also has a water system that simulates tank leaks. In addition, several other propane fueled props include a commercial dumpster, horizontal tank, transformer, BBQ grill, split flange, fuel spill pan, storage platform, paint locker, motor/generator and a Christmas tree.



www.keanfiresafety.com

Academy Names

Our list of class locations is growing and improving to meet your needs, so now is probably a good time to provide an explanation of the how and why we abbreviate the names of facilities in our course brochure.

First, when we initially began providing a course brochure, the classes were held in one of the thirteen Tier One Eligible Organizations known as a Fire Training Academy or County Fire Academy. The colloquial, “County Fire Academy” was and has been used as a general term because it represented a specific location that most members of the fire service were familiar with.

Second, as facility names have changed and expanded, the abbreviated version, “County Fire Academy” has provided a cleaner look which takes up less space and allows for the font type to be shown in a larger format and easier to read.

But with changing times, come changes to facility names, so it’s also time to provide a key to our abbreviations. Here are the formal facility names along with the abbreviation you see listed with the courses. The facility names, addresses and driving directions remain as always near the end of the brochure for your reference.

Anthony “Tony” Canale Fire Training Center– Atlantic County Fire Academy
Bergen County Law and Public Safety Institute – Bergen County Fire Academy
Burlington County Emergency Services Training Center – Burlington County Fire Academy
Camden County Regional Emergency Training Center – Camden County Fire Academy
Cape May county Public Safety Training Center – Cape May County Fire Academy
Chubb Risk Engineering Center – Chubb
Cumberland County Fire Training Center – Cumberland County Fire Academy
Fire University – Fire University
Gloucester Fire Academy – Gloucester County Fire Academy
Hunterdon County Emergency Services Training Center – Hunterdon County Fire Academy
Kean University – Kean University
Liberty Science Center – Liberty Science Center
Mercer County Fire Academy – Mercer County Fire Academy
Middlesex County Fire Academy – Middlesex County Fire Academy
Monmouth County Fire Academy – Monmouth County Fire Academy
Morris County Public Safety Training Academy – Morris County Fire Academy
Newark Liberty International Airport - Newark Airport
Ocean County Fire and EMS Training Center – Ocean County Fire Academy
Passaic County Community College Public Safety Academy – Passaic County Fire Academy
Paulsboro Refinery
Salem County Fire Academy – Salem County Fire Academy
Somerset County Emergency Services Training Academy – Somerset County Fire Academy
Sprinkler Fitters Local Union 696 – Sprinkler Fitters
Sussex County Public Safety Training Academy – Sussex County Fire Academy
Toms River Fire Academy – Toms River Fire Academy
Union County Department of Public Safety Fire/EMS Training Academy – Union County Fire Academy
Warren County Fire Academy – Warren County Fire Academy

Administrative Courses

Community Risk Reduction: Integrating Our Efforts

Instructor: Lt. Michael O. McLeieer (Ret.)

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.

TUESDAY, MAY 7

PASSAIC COUNTY FIRE ACADEMY

Connecting and Interacting With Challenging Boss Behaviors

Instructor: Anthony Correia, President NJ State Fire Chiefs Association

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 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.

THURSDAY, MAY 2

PASSAIC COUNTY FIRE ACADEMY

Effective Budgeting for the Fire Official

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

This program reviews the basis for the Fire Official annual budget Preparation The concept of budgeting will be fully developed 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. Examples will be covered.

TUESDAY, APRIL 23

MIDDLESEX COUNTY FIRE ACADEMY

Administrative Courses

NEW Excellence In Customer Service

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

Customers (internal and external) are the life of any organization – private or public sector. Public service is extra demanding due to a global audience and greater visibility. How people are treated directly impacts their satisfaction with the service they have received. Whether you are in a lead position or the frontline representative, your critical role is to consistently deliver excellent service and build a strong reputation for your department. Participants will leave with the skills to create a positive customer experience.

THURSDAY, APRIL 25

ZOOM – HALF DAY

THURSDAY, MAY 16

ZOOM – HALF DAY

NEW Forward Thinking Leadership

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

Becoming a successful leader is a journey. It takes courage, wisdom, and commitment to a strategic vision. Leaders continually work to develop their inner strengths, along with the potential of their team members. This class will take participants through the McKinsey 7-S Model of strategic planning with emphasis on building their personnel bench. There are challenges and rewards in managing millennials as well as experienced individuals towards goal achievement. By completing a SWOT Analysis (Strengths, Weaknesses, Opportunities, and Threats), leaders gain valuable insight and information for direction, sustainability, and growth. Participants will leave with vision and guidelines to develop *Their Personal Leadership Philosophy*.

TUESDAY, MARCH 26

ZOOM – HALF DAY

THURSDAY, MAY 2

ZOOM – HALF DAY

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

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

New Jersey employers are required to provide training and education on the topic of recognizing and preventing workplace harassment and discrimination to both supervision and members of the workforce. Additionally, employers are also required to have a comprehensive workplace policy on this topic. Failure to do so leaves the organization vulnerable to liability exposure. Coupled with more than two decades of experience including investigative services and policy development, the program developer brings to the classroom both historical and recent court decisions from both New Jersey and Federal courts to educate members on what is and what is not harassment or discrimination. Additionally, participants will be educated on how to avoid unwanted consequences for postings on social media.

FRIDAY, APRIL 5

CAPE MAY COUNTY FIRE ACADEMY

MONDAY, JUNE 3

BERGEN COUNTY FIRE ACADEMY

Administrative Courses

How The Grateful Dead's Business Practices Improve Organizational Performance

Instructor: Anthony Correia, President NJ State Fire Chiefs Association

This program provides Training Officers, Fire Officials, and Fire Chiefs with a non-traditional, but evidence-based process towards improvements in fire department organizational management.

THURSDAY, MARCH 28

TOMS RIVER FIRE ACADEMY

Leadership Excellence

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

Training today's leaders for tomorrow's challenges. This program navigates participants through tried and true methods of leadership and through different aspects of the science. We cover: developing yourself, developing your people, developing your organization and firehouse communications. Other than lecture, role playing and group hands-on exercises are part of this workshop. Also discussed are having a "vision" and "mission statement" and coming away with some form of plan for improvement to take back to the firehouse. Learn the skills to negotiate the shark tank of Town/City/Village Hall.

THURSDAY, APRIL 11

PASSAIC COUNTY FIRE ACADEMY

Leadership: A Self Analysis

Instructor: Michael J. Corbo, Director, Atlantic County Fire Academy (Ret.)

This course will provide students with the opportunity to look at the leadership qualities they already possess and the qualities they need to develop to become better leaders. We will examine the 11 characteristics that effective leaders possess and the traits that make up each characteristic. Each attendee will work through exercises to determine if they already exhibit any of the 11 characteristics and which traits they need to develop in order to become a more effective leader.

THURSDAY, MARCH 28

GLOUCESTER COUNTY FIRE ACADEMY

THURSDAY, MAY 9

UNION 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.

WEDNESDAY, MAY 15

UNION COUNTY FIRE ACADEMY

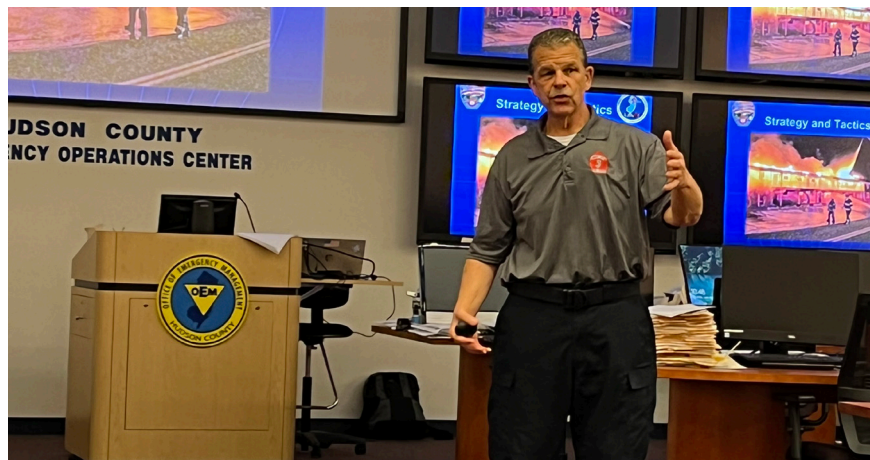


Photo credit: Karen Grant, Director NJ Fire Safety Training Program

Professional Presentation Skills

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

A positive, confident image is the key to professional success. The way a message is presented influences how others will respond – positively or negatively. Every audience is unique. The challenge is connecting and engaging with the diversity of people that the Fire Service serves (internally and externally). Participants will learn how to lead meetings effectively; manage remote (Zoom) sessions efficiently; make group presentations confidently; use visual aids appropriately; and manage group questions and dynamics comfortably. They will leave with powerful strategies to develop a presentation style that will capture their audience's attention and gain results.

THURSDAY, APRIL 18

ZOOM – HALF DAY

THURSDAY, MAY 9

ZOOM – HALF DAY

Administrative Courses

The Dynamics of Change

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

Change is not always easy, yet it has become a way of life for those living in today's professional environments. When we strategically plan, communicate effectively, encourage involvement, and manage reactions constructively, it becomes an opportunity for people to grow from the experience. Incorporating lessons learned from *Leading Change* by John P. Kotter, participants will leave with the tools to move themselves and others forward to achieve their objectives.

TUESDAY, APRIL 30

ZOOM – HALF DAY

THURSDAY, MAY 23

ZOOM – HALF DAY

NEW Youth Firesetting Prevention and Intervention Awareness

Instructor: Lt. Michael O. McLeieer, (Ret.)

Children are often curious about fire. While curiosity is normal, there are things you can inform parents and caregivers about to prevent children from experimenting with fire and engaging in other high risk-taking. According to the U.S. Fire Administration, fires set by children are responsible for more than 100 fire deaths, nearly 1,000 painful burn injuries, and hundreds of millions of dollars in property loss each year in the United States. This full day course will provide participants with an overview of the youth firesetting problem and steps to take to connect families with appropriate intervention strategies and services.

MONDAY, MAY 6

MORRIS COUNTY FIRE ACADEMY

National Fallen Firefighter Foundation

Courage to Be Safe®

Instructor: National Fallen Firefighter Foundation Instructor

This course is a provocative and moving presentation by the National Fallen Firefighters Foundation, through the Everyone Goes Home® Program, that is designed to change the culture of accepting the loss of firefighters as a normal occurrence.



Building on the untold story of line of duty death survivors, it reveals how family members must live with the consequences of a firefighter death. This presentation provides a focus on the need for firefighters and officers to change fundamental attitudes and behaviors in order to prevent line of duty deaths. The central theme promotes the courage to do the right thing in order to protect yourself and other firefighters and ensure that “Everyone Goes Home” at the end of the day.

Firefighters must have the courage to face a multitude of risks in order to save lives and protect their communities. Their courage allows them to willingly risk their own lives so that others can be saved. A different type of courage is required to stay safe in potentially dangerous situations, avoiding needless risks and tragic consequences.

WEDNESDAY, APRIL 3

GLOUCESTER COUNTY FIRE ACADEMY

Leadership So Everyone Goes Home

Instructor: National Fallen Firefighter Foundation Instructor

A course of the Everyone Goes Home® Program of the National Fallen Firefighters Foundation designed to assist in the reduction of LODDs utilizing a series of case studies. Each study will include what happened, why it happened, what could have avoided it, were safety measures available and used, and how can we prevent this in the future. The benefit of this program is the review of cultural change or adaptive challenge, rather than just enacting a technical fix, which in most cases does not work.

A great program for senior fire officers and administrative officers. This is learning from actual incidents! Leadership So Everyone Goes Home is a four-hour program designed to assist the chief level officer to define the tools to identify:

1. Issues that could lead to a line of duty death or serious injury,
2. How the death/injury occurred,
3. How it could have been prevented,
4. What steps,
5. Should a fire department take to reduce the possibility of experiencing this action and outcome,

Reviewing the adaptive challenges facing emergency services today to create a safer environment. All learning utilizes real-world incidents to learn and adapt our actions so everyone does go home!

This program is specifically designed for the more senior level fire officers who have had opportunities to be command officers at a wide variety of emergency incidents, including fires and hazardous materials responses. Utilizing case studies, the learning objectives become more real to life and the possibility of changing the organizational culture to reduce the possibility of deaths and injuries in the future

TUESDAY, MARCH 26

SOMERSET COUNTY FIRE ACADEMY

Technical Courses

Buildings on Fire; Podium, CLT, Mass Timber and Hybrid Construction; Trends and Case Studies

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

An overview discussion of emerging national and regional trends related to emerging Mixed-use and Multiple-Occupancy Podium, Hybrid Cross Laminate Timber (CLT) structures, Evolving Mass Timber low-rise buildings and Hybrid Construction. The program will examine trends in Building Construction Systems, Methods & Materials of Construction (MMC) and Design related to the New Mass Timber and Cross Laminate Timber (CLT) construction and Podium and Donut construction designs and will focus on emerging lessons and learnings from major property and construction site fires resulting in major fire service operational challenges and community-wide risks and significant property losses. The primary objective of this program is to increase awareness and understandings on these new building construction, architecture, engineering and design systems that directly impact firefighting and command operations at future structure fires. Case studies and emerging lessons of recent national major construction site fires (MA, NC, CA, VA and MD) involving these structure types will be discussed.

WEDNESDAY, APRIL 10

UNION COUNTY FIRE ACADEMY

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 June 2023. 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.

FRIDAY, APRIL 19

MERCER COUNTY FIRE ACADEMY



www.keanfiresafety.com

Technical Courses

Code Update

Instructor: Daniel Timmerman, NJ Division of Fire Safety

This course is required for working Fire Officials and working Fire Inspectors as part of their three- year renewal cycle for re-certification. This seminar was updated in Fall 2023. The course will cover the current adoption of the IFC NJ 2018 edition. It will include a review of significant changes from the IFC NJ 2015 edition. There are also 3 new chapters each of which will be overviewed. It will also touch on select topics in the Administrative code of the New Jersey Uniform Fire Code Chapter 5:70 as well as 5:71.

FRIDAY, MAY 31

PASSAIC COUNTY FIRE ACADEMY

WEDNESDAY, JUNE 12

MIDDLESEX COUNTY FIRE ACADEMY

FRIDAY, JUNE 14

BURLINGTON COUNTY 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.

THURSDAY, APRIL 11

TOMS RIVER FIRE ACADEMY



Technical Courses

NEW DFS Criminal Activity Awareness

Instructors: Steven Mulcahy, Special Agent, WMD Coordinator, Bennet Berkman, Field Intelligence Officer, NJ Division of Fire Safety, NJSFM, and Robert Clark, Fire Captain LFD (Ret.), Field Intelligence Officer (WMD/CBRNE) UCDPS

The purpose of this class is to recognize the hazards regarding criminal activity and terroristic acts while responding to incidents. Students will be able to recognize, report, and notify proper authorities. A three-module morning classroom will be conducted. After lunch, students will be broken up into groups of five and sent on mock incident scenarios. Training rooms have been set up where role-players will act out illicit activities to test the students on what they learned in the morning classroom sessions. This class will dismiss at approximately 4 p.m.

WEDNESDAY, APRIL 17

UNION COUNTY FIRE ACADEMY

WEDNESDAY, MAY 22

UNION COUNTY FIRE ACADEMY

Fire Cause Determination

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

This workshop is intended to familiarize line personnel with the *signs of arson* through basic fire behavior, the alarm, responding, the fire fight (ventilation, line placement, forcible entry, etc.), color of the smoke and flame, reaction of water on the fire, building construction, reading the crowd, role in the investigation, HTA fires, Clan Labs and much more. Good photos/slides and case histories enhance this class. Arson is one of the current tools of the terrorist, domestic and foreign. Knowing the signs of arson and causes of fire, leads to safer fire ground operations. Firefighter safety is emphasized.

THURSDAY, MAY 9

ATLANTIC COUNTY FIRE ACADEMY

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, APRIL 5

MORRIS COUNTY FIRE ACADEMY

Technical Courses

Fire Incident Report Writing

Instructors: Vincent Campagna, 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).

SATURDAY, APRIL 6

TOMS RIVER FIRE ACADEMY

SUNDAY, APRIL 7

MIDDLESEX COUNTY FIRE ACADEMY

MONDAY, APRIL 8

PASSAIC 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, MAY 1

TOMS RIVER FIRE ACADEMY

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.

TUESDAY, MARCH 26

BERGEN COUNTY FIRE ACADEMY

Technical Courses

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.

THURSDAY, MAY 16

BERGEN COUNTY FIRE ACADEMY

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.

THURSDAY, MAY 23

ATLANTIC COUNTY FIRE ACADEMY

UPDATE HAZMAT for Fire Inspectors: Alternative Fuels and Lithium Batteries

Instructor: Chief Brian Bennett, PhD

Alternative fuels are slowly replacing fossil fuels. These new fuels are found not only in vehicles but in all types of occupancies, including residential, commercial, retail, and industrial facilities. This class will review alternative fuels such as liquified hydrogen gas, compressed hydrogen gas, propane/LPG, compressed natural gas, liquified natural gas, and solar power.

Lithium metal and Lithium-ion batteries are found everywhere in today's society. This class will include information on battery basics, battery technology, storage systems, recharging systems, uses, hazards, and firefighting concerns.

WEDNESDAY, APRIL 10

MIDDLESEX COUNTY FIRE ACADEMY

FRIDAY, MAY 3

MORRIS COUNTY FIRE ACADEMY

Technical Courses

NEW HAZMAT for Inspectors: Aerosols, Compressed Gases, and Unstable, and Reactive Materials

Instructor: Chief Brian Bennett, PhD

Chapter 51 of the IFC deals with Aerosols displayed or stored in retail operations and Chapter 53 deals with the storage, use, and handling of flammable and non-flammable Compressed Gases. These materials are found in many types of occupancies and can have multiple hazards. This class will review how these products are manufactured, hazards, maximum allowable quantities, preventive measures and controls, and a review of the applicable codes and standards.

Chapters 64, 66, and 67 of the IFC deals covers Pyrophoric Materials, Unstable (Reactive Materials), and Water Reactive Solids and Liquids. These materials not only pose a fire hazard, but may be toxic, corrosive, or oxidizers. This class will review how these materials are made, storage containers and conditions, physical and health hazards, maximum allowable quantities, control areas, preventive measures and controls, and a review of the applicable codes and standards.

SATURDAY, MAY 4

BERGEN COUNTY FIRE ACADEMY

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.

MONDAY, MAY 20

ATLANTIC COUNTY FIRE ACADEMY

MONDAY, JUNE 3

PASSAIC COUNTY FIRE ACADEMY

NEW High-Rise Buildings: Understanding the Vertical Challenges

Instructor: Jack J. Murphy, Fire Marshal (Ret.)/Fmr. Leonia Deputy Chief and the New York City Fire/Life Safety Directors Association, Past Chairman

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.

THURSDAY, APRIL 4

TOMS RIVER FIRE ACADEMY

FRIDAY, APRIL 5

MIDDLESEX COUNTY FIRE ACADEMY

Technical Courses

REVISED & UPDATED Inspection, Testing and Maintenance of Automatic Sprinkler Systems: NJIFC & NFPA 25

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

This class was previously presented as Inspection and Testing of Water Based Fire Protection Systems in two parts.

The class will focus on the Inspection, Test and Maintenance (ITM) requirements of NFPA 25-17 including how to properly cite violations of NFPA 25. Automatic sprinkler systems are the most common of automatic suppression systems encountered during fire inspections. This class will focus on proper inspection and identification of violations and system impairments to ensure the automatic sprinkler system is able to function properly including requirements for wet-pipe systems, dry-pipe systems, fire department connections and building fire pumps. The 5-year ITM and obstruction investigation requirements are included. Case studies of violations/impairments from inspections will be presented. The class has been updated to reflect the 2017 Edition of NFPA 25 referenced by the 2018 NJIFC.

TUESDAY, APRIL 30

MORRIS COUNTY FIRE ACADEMY

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.

WEDNESDAY, APRIL 10

BERGEN COUNTY FIRE ACADEMY

Technical Courses

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 29

MERCER COUNTY FIRE ACADEMY

TUESDAY, JUNE 4

ATLANTIC COUNTY FIRE ACADEMY



NEW NJIFC 2018 Chapter 9 Fire Protection System Requirements

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

This class will present information based on the updated 2018 Edition of the NJIFC. The inspection and proper maintenance of all fire protection systems is a paramount concern for all fire inspectors. Information will be presented on the requirements for the fire protection systems and the updated referenced standards in the 2018 NJIFC. Inspection practices, reviewing inspection and test reports and citing violation of the code requirements will be part of the class. Proper enforcement procedures that are required when a fire protection system is impaired or out-of-service will be presented. Case studies of fire protection system violations and impairments will be presented to meet the lesson objectives. This class will ensure fire inspectors have updated information and a good understanding of the requirements of Chapter 9 Fire Protection Systems. An outline of the class is below.

WEDNESDAY, MAY 22

MONMOUTH COUNTY FIRE ACADEMY

Technical Courses

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, APRIL 24

SOMERSET COUNTY FIRE ACADEMY

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.

SATURDAY, MAY 11

GLOUCESTER COUNTY FIRE ACADEMY

SATURDAY, MAY 18

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.

THURSDAY, APRIL 25

PASSAIC COUNTY FIRE ACADEMY

Technical Courses

Solar Power; Strategy & Tactics for First Responders

Instructor: Joseph Vallo, Battalion Chief (Ret), Jersey City Fire Department, Chief of Training, On The Job Fire-Rescue

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, APRIL 22

SOMERSET COUNTY FIRE ACADEMY

WEDNESDAY, MAY 15

CAPE MAY COUNTY FIRE ACADEMY

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.

TUESDAY, MARCH 26

MORRIS COUNTY FIRE ACADEMY

Technical Courses

NEW The Influence of Building Construction, Occupancy Risk and Research on Command Decision Making for Fire Officers 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

Today more than ever, understanding and comprehending the complexities of the built-environment and construction and the effects of fire dynamics on fire suppression operations is a must. With an evolving dynamic fireground, simple to complex buildings and varied occupancies they present increasing challenges that are redefined strategic and tactical fireground management and impact operations on an escalating and varied levels. Building construction, occupancy risks and the predictability of building performance under fire conditions have a profound influence on the management of operations, identification of tactical protocols and deployment of resources. Understanding key inherent building performance characteristics, insights from emerging fire research 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. A broad look at trends, risk and emerging construction issues challenging today's emerging and practicing company officers and commanders on a very demanding new fireground.

TUESDAY, APRIL 9

MORRIS COUNTY FIRE ACADEMY

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 2015 as well as IFC 2018. 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, APRIL 30

UNION COUNTY FIRE ACADEMY

Technical Courses

NEW Understanding Fire Protection Systems: Warehouse & Big Box Retail Occupancies

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

The class will focus on the understanding and inspection of the fire protection systems in Big Box Retail and Warehouses. The class will include information from several NFPA Standards including the Classification of Occupancies, Commodity Classifications understanding the hydraulic data plate and the relationship to the fire code inspection. Included in the program will be the principles of and code requirements for Early Suppression Fast Response sprinkler systems. An overview of the storage related chapters and the requirements for idle pallet storage from NFPA 13 will be presented. The requirements of NFPA 25 for the inspection, testing and maintenance of building fire pumps will be presented. Case studies and a review of violations discovered in Big Box and Warehouse Occupancies are included in the class.

WEDNESDAY, APRIL 24

PASSAIC COUNTY FIRE ACADEMY

WEDNESDAY, MAY 8

MIDDLESEX COUNTY FIRE ACADEMY

NEW Vacant Buildings; Best Practices for Handling Vacant Building Inspections

Instructors: John Thomas, Fire Inspector Services LLC and Jason M. Santarcangelo, Esq., Santarcangelo Law, LLC

The course is to educate Fire Officials, Fire Inspectors and Code Official on the best practices dealing with emerging vacant building issues. The course covers laws, codes, and ordinances, locating the property owners to conducting the on-site inspections.

WEDNESDAY, APRIL 24

BERGEN COUNTY FIRE ACADEMY

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.

TUESDAY, MAY 7

TOMS RIVER FIRE ACADEMY

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.

| | |
|-------------------------|--------------------------------------|
| FRIDAY, APRIL 5 | MERCER COUNTY FIRE ACADEMY |
| FRIDAY, APRIL 26 | BERGEN COUNTY FIRE ACADEMY |
| FRIDAY, MAY 24 | MIDDLESEX COUNTY FIRE ACADEMY |
| SATURDAY, JUNE 1 | CAPE MAY COUNTY FIRE ACADEMY |

Fire Service Certification

Fire & Emergency Services Instructor 1 Initial Certification Program

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 April 22, 2024 - May 22, 2024

Instructor: Michael J. Corbo, Director (Ret), Atlantic County Fire Academy

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

7:00 p.m. – 10:30 p.m. Monday and Wednesday

8:30 a.m. - 4:30 p.m. Saturdays

Monday, April 22
Wednesday, April 24
Monday, April 29
Wednesday, May 1

Monday, May 6
Wednesday, May 8
Monday, May 13
Wednesday, May 15

Saturday, May 18
Monday, May 20
Wednesday, May 22

ATLANTIC COUNTY FIRE ACADEMY

Fire Service Certification

NJDFS Fire Service Certification Spring 2024

T1 DFS Instructor Level 1 Certification Examination

| | | |
|-------------------|-------------------|--------------------------------|
| SATURDAY, APRIL 6 | 9 A.M. TO 12 P.M. | BURLINGTON COUNTY FIRE ACADEMY |
| THURSDAY, MAY 9 | 7 P.M. TO 10 P.M. | MORRIS COUNTY FIRE ACADEMY |
| SATURDAY, JUNE 8 | 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 DFS Instructor Level 2 Certification Examination

| | | |
|-------------------|-------------------|--------------------------------|
| SATURDAY, APRIL 6 | 9 A.M. TO 12 P.M. | BURLINGTON COUNTY FIRE ACADEMY |
| THURSDAY, MAY 9 | 7 P.M. TO 10 P.M. | MORRIS COUNTY FIRE ACADEMY |
| SATURDAY, JUNE 8 | 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.

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 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 DFS Fire Inspector Written Examination

| | | |
|--------------------------|--------------------------|---------------------------------------|
| SATURDAY, APRIL 6 | 9 A.M. TO 12 P.M. | BURLINGTON COUNTY FIRE ACADEMY |
| THURSDAY, MAY 9 | 7 P.M. TO 10 P.M. | MORRIS COUNTY FIRE ACADEMY |
| SATURDAY, JUNE 8 | 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 Service Certification

The New Jersey Division of Fire Safety announces that a NJ Fire Official 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 (5:70 & 5:71) for individuals to obtain a NJ Fire Official 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 Official course textbooks/codebooks into the exam room to be referenced throughout the exam. Jones & Bartlett Learning – Principles of Fire Prevention – Fourth Edition, NJ Uniform Fire Code. The exam will present 60 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.

FO DFS Fire Official Written Examination

| | | |
|--------------------------|--------------------------|---------------------------------------|
| SATURDAY, APRIL 6 | 9 A.M. TO 12 P.M. | BURLINGTON COUNTY FIRE ACADEMY |
| THURSDAY, MAY 9 | 7 P.M. TO 10 P.M. | MORRIS COUNTY FIRE ACADEMY |
| SATURDAY, JUNE 8 | 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 Protection Systems *(Previously 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, APRIL 23

FIRE UNIVERSITY

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.

FRIDAY, APRIL 12

CHUBB

NEW Fire Detection

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

This one-day training is a combination of classroom and hands-on demonstrations focusing on fire detection and alarm systems. Initiating devices, control units, notification devices, and inspection & testing of NFPA 72 are discussed. With live demonstrations, such as fire detection activation, learning requirements has never been more enjoyable.

WEDNESDAY, MAY 22

CHUBB

Fire Sprinklers

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.

TUESDAY, APRIL 30

CHUBB

UPDATE Inspection, Testing and Maintenance Requirements for Fire Sprinkler Systems *(Previously 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 7

FIRE UNIVERSITY

NEW Introduction to Fire Pumps and Dive into NFPA 20

Instructors: David J. Davis, NFSA State Coordinator and Frank Ellis, NFSA State Coordinator

This comprehensive course is designed to equip firefighters and fire inspectors with essential knowledge and skills related to fire pumps and the NFPA 20 standard. As crucial components of fire protection systems, fire pumps play a pivotal role in ensuring the effective delivery of water for firefighting purposes. This course will delve into the fundamentals of fire pump operation, maintenance, and compliance with NFPA 20 guidelines, offering participants a robust foundation for enhancing their proficiency in fire pump-related scenarios.

WEDNESDAY, APRIL 24

SPRINKLER FITTERS LOCAL UNION 696

Fire Sprinklers

NEW Introduction to Fire Sprinkler Systems and NFPA 13E

Instructor: Francis Ellis and David Davis, New Jersey Fire Sprinkler Advisory Board

This program strives to ensure department personnel are trained in proper firefighting techniques for buildings with activated sprinkler systems. Success depends on multiple factors, such as the type of system and the reason for activation. Prepare your crew with the most up-to-date information and procedures in these types of properties. Fire department officers, fire fighters, company officers, fire department instructors will benefit from procedures that are designed to assist in developing training programs and planning effective operations. Recommended practices are given for the adequate support and use of sprinkler and standpipe systems.

THURSDAY, MAY 30

**MERCER COUNTY FIRE ACADEMY
– HALF DAY CLASS**

NEW Standpipe Systems

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

This one-day interactive training offers a mixture of classroom and hands-on live demonstrations bringing standpipe systems processes and exposures to life. NFPA 14, IBC and NFPA 25 will be discussed as well as installation and testing of standpipe systems. Learning is more engaging through live demonstrations; we invite you to learn more with our Risk Engineering instructors who are knowledgeable and offer interactive experiences.

THURSDAY, JUNE 6

CHUBB

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.

WEDNESDAY, APRIL 3

CHUBB

Continuing Education

NEW Diet and Exercise for Peak Firefighter Performance

Instructor: Brian Crimmins, New Jersey Career Fire Chiefs Association

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 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.

TUESDAY, MAY 14

MIDDLESEX COUNTY FIRE ACADEMY

NEW Electric, Hybrid and Zero Emissions Vehicle fires and Emergencies

Instructor: David Dalrymple, Educator/Rescue Consultant

One of today's "hot button" concerns are incidents revolving around Lithium Ion Battery powered devices, be it an Electric or Today's Hybrid vehicles to Emobility devices to Energy Storage devices. This program will give you the basics for understanding the problems and more importantly the solutions and mitigation strategies that are needed for Responders in dealing with these situations. We will also cover other zero emissions devices and their power sources.

MONDAY, MAY 6

OCEAN COUNTY FIRE ACADEMY

Fight the Fire, Not the Building

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

Work smarter not harder. Commercial buildings present many challenges during a fire fight but knowing what they have to offer will make your job easier and safer. This class reviews and discusses the built-in active and passive fire protection systems that make up the building's fire and life safety system and gives the participants an understanding of the basic workings of said systems. Upon completion, participants will be able to return to their departments and look at commercial buildings and other target hazards in their first due response district and make changes in strategy and tactics and on pre-fire plans. *Firefighter safety is emphasized throughout the workshop.*

FRIDAY, MAY 10

TOMS RIVER FIRE ACADEMY

Continuing Education

NEW Fire Apparatus Driver Education and Examination Preparation

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

This course exceeds NFPA standard 1002 Standard for Fire Apparatus Driver/Operator Professional Qualifications 2017 and is required for any person seeking certification as an apparatus driver by the New Jersey Division of Fire Safety. By completing this program participants will be better equipped to satisfy the first part of the certification process, passing the written exam. This newly updated educational program includes information from the NFPA standard, Pumping and Aerial Apparatus Driver/Operator Handbook Third Edition, the New Jersey Commercial Motor Vehicle Manual, and the experience of the presenter spanning more than 25 years of commercial truck driving and work as a tractor trailer driving instructor for a large commercial driver training school.

TUESDAY, APRIL 23

CAMDEN COUNTY FIRE ACADEMY

SATURDAY, MAY 4

MORRIS COUNTY FIRE ACADEMY

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.

THURSDAY, MARCH 28

PASSAIC COUNTY FIRE ACADEMY

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..

FRIDAY, APRIL 5

GLOUCESTER COUNTY FIRE ACADEMY

Continuing Education

NEW Firefighter 2 Extrication Skills - Enhancing the Instruction

Instructors: John Hueston, Jr., Instructor with the Middletown Fire Academy and Instructor with the Monmouth County Fire Academy

The “Firefighter 2 Extrication Skills – Enhancing the Instruction” course will review the curriculum, job performance requirements, and applicable standards of Chapter 24 (Vehicle Rescue and Extrication) of the “Fundamentals of Fire Fighter Skills and Hazardous Materials Response, fourth edition” manual. The course will offer and demonstrate ways to enhance the classroom presentation and drill-ground sessions. The students will be given examples of photos, video clips, and information that will enhance the classroom PowerPoint presentation provided by Jones and Bartlett. They will also learn how to properly prepare a junk vehicle and tools for the drill-ground skill sessions, along with how to safely “hot wire” and deploy supplemental restraint systems for demonstration and to make them safe for drill-ground evolutions.

MONDAY, MAY 13

MONMOUTH COUNTY FIRE ACADEMY

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, APRIL 12

GLOUCESTER COUNTY FIRE ACADEMY

FRIDAY, JUNE 7

CAPE MAY COUNTY FIRE ACADEMY

NEW Fireground Strategies: Identifying Clues For Suppression, Survivability and Stabilization

Instructor: Michael Daley, Captain, CTO, FO, MIFireE, FEMA Lead Rescue Instructor

Firefighters, Fire Officers, Fire Instructors, and Fire Investigators all share one common characteristic: the need for a strong competency in Fire Behavior. When it comes to Fire Suppression and Extinguishment, modern fuels and building construction considerations are two concerns when developing an action plan for suppression, based upon the clues on scene. Identifying these clues requires the use of Thermal Imaging Equipment. Decisions and actions taken are dependent on the characteristics of the building involved in the incident, as well as information gathered utilizing Thermal Imaging technology, which will be addressed during the presentation. **Please bring a TIC to class.

TUESDAY, APRIL 23

GLOUCESTER COUNTY FIRE ACADEMY

THURSDAY, MAY 2

MONMOUTH COUNTY FIRE ACADEMY

www.keanfiresafety.com

Continuing Education

UPDATED In Honor of the Charleston 9: Sixteen Years Later and Still Riding

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 instructor 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. 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 the first due-engineer, and the crisis that ensued in his organization and his personal life as well. 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.

Sixteen years later, I'm still in the department I love, now as an Assistant Chief after progressing through every operational rank since June 18, 2007. Organizationally, we have lost 191 firefighters who were on the job on June 18, 2007. This was a life-changing event for so many people but for the 55 who are still in the department, we are now leading with these hard lessons we learned. 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.

SATURDAY, MAY 11

MIDDLESEX COUNTY FIRE ACADEMY

NEW Leadership for the Fire Service Instructor

Instructor: Bill Hopson, Captain Beachwood NJ Fire Department

This presentation is a Leadership class specifically designed for Fire Department personnel who design, deliver, evaluate, observe and supervise fire service training. This presentation is exceptionally interactive and challenges attendees to apply their Leadership skills to fire training objectives. This presentation will directly benefit all levels of Fire Officers and Instructors.

TUESDAY, APRIL 9

GLOUCESTER COUNTY FIRE ACADEMY

MONDAY, MAY 20

SOMERSET COUNTY FIRE ACADEMY

Continuing Education

NEW Leading From The Front Seat

Instructors: Robert Moran Fire Chief Brewster (MA) Fire/Rescue, Fire Chief (ret) City of Englewood (NJ) and John Lewis Lieutenant (ret) Passaic (NJ) Fire Department

“Leading From The Front Seat” used to be a term reserved for company officers whose main mission was supervising those subordinates riding on his or her fire apparatus. However, in today’s fire service this is no longer the case. To assume the “seat” both firefighters and fire officers need to be operationally adept, administratively skilled, technologically informed, and conscious of how to handle the daily needs and challenges related to the personnel surrounding them. Volunteer, combination, or full-time, the size and type of your department will not matter when it comes to determining who gets the right to sit in the front seat. This is not a job or task that should be taken lightly and the higher you move up in the fire officer world the more complex and challenging it will become. It takes focus, hard work and effort, training, purpose, commitment, and excellent people skills to become someone who others can trust to lead them into battle, protect them outside of the fire scene, and offer empathy and direction. In this interactive program these two veteran fire officers will deliver valuable real-life experience encompassing tactical fireground tips, personnel management principles and beliefs, and individual and team-based behaviors that can produce both personal and organizational success. Students will be tasked with communicating and sharing their own views on these opinions and the knowledge, skills, and abilities central to building cohesive teams and organizations. These are principles the instructors have shared with firefighters across the country in their back page column titled “Leading From The Front Seat” which is published quarterly in the New York State Fire Chiefs Associations “SIZE-UP” magazine.

FRIDAY, MAY 17

PASSAIC COUNTY FIRE ACADEMY

NEW Managing the Mayday

Instructors: Captain Bob Disbrow Jr IAAI-CFI and Battalion Chief / Special Operations Robert Seeburger

Students will discuss Command & Control of a Mayday Event on the fireground. The course will give the IC the tools to command & control the scene. It will also provide the IC with the tools to control the mental stresses associated while operating under a reported mayday. This is an interactive class with PowerPoint lecture and actual case studies.

THURSDAY, MAY 2

SOMERSET COUNTY FIRE ACADEMY

Continuing Education

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.

SATURDAY, APRIL 6

ZOOM - FULL DAY

SATURDAY, APRIL 20

MONMOUTH COUNTY FIRE ACADEMY

NEW Resiliency Is the Way

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

Have we done a good job of developing resilient firefighters? Have we given them the tools to succeed during a profession where we respond to the worst day of someone's life? Unfortunately, the research on mental health and suicide rates of emergency responders indicates that we have an issue that must be addressed. Therefore, during this class we will focus on why post-traumatic stress, acute stress disorder, and post-traumatic stress disorder affect emergency responders all over the world and how we can provide resiliency training to combat this. Quite often emergency responders do not understand why they are feeling a certain way mentally and physically from the trauma witnessed on emergency scenes. This creates many challenges both personally and professionally. Furthermore, responders may not know where to go for help or are afraid to ask for help due to the stigma and "suck it up" mentality plaguing emergency services.

Also, during this course, David will discuss the signs, symptoms, and differences of posttraumatic stress, acute stress disorder, and post-traumatic stress disorder from research and from his own personal experience. He will then outline stress management strategies that can be used in the firehouse and where responders can go for help. These tools and techniques have been used for decades to combat stress and require no funding. It only requires a willingness to learn and take the information back to your department members to help save those who save others.

FRIDAY, MAY 10

TOMS RIVER FIRE ACADEMY

Continuing Education

UPDATED Strategies and Tactics: High Rise Strategic Operations and Tactical Concerns of Building Ventilation

(Previously the half day versions of Fireground Strategies: High Rise Operations and Strategic Considerations of Ventilation)

Instructor: Anthony Aвило, Deputy Chief (ret.) North Hudson Regional Fire & Rescue

This course combines a strategic segment as well as a tactical segment. The first segment will cover firefighting concerns, and life safety concerns inherent to high rises, both residential and commercial. 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. The second segment will focus on the proper and disciplined coordination of fireground ventilation operations and will include the discussion of and the practical application of the findings of the UL Ventilation Studies and how it affects our operations. Both peaked and flat roof vertical ventilation will be discussed. Vent, isolate, enter, search operations will be extensively covered. 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.

MONDAY, MAY 13

MIDDLESEX COUNTY FIRE ACADEMY

TUESDAY, MAY 14

UNION 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 8

MORRIS COUNTY FIRE ACADEMY

Continuing Education

Thinking Beyond First Due at Townhouse and Multi-Residential Complexes

Instructors: Robert Moran Fire Chief Brewster (MA) Fire/Rescue, Fire Chief (ret) City of Englewood (NJ) and John Lewis Lieutenant (ret) Passaic (NJ) Fire Department

The intensified market for affordable housing and urban “downtown” residential living space throughout the country has led to the increased construction of large-scale townhouse and multi-unit residential complexes in both urban and suburban environments. The lightweight materials and pre-engineered methods used to construct these developments along with other inherent design weaknesses such as limited access and egress, inadequate sprinkler protection, pedestal construction, exposure hazards, and significant life safety issues present unique fire suppression and incident command challenges. This dynamic training program will take an in-depth look at these hazards while providing valuable fireground information concerning size up, plan review, incident management, pre-planning, and fire suppression strategy and tactics. The instructors will also examine and review the 2000 and 2015 Avalon Complex fires in Edgewater (NJ) in a roundtable type discussion focusing on the lessons learned during each event and the impact these destructive fires will continue to have on communities across the State..

SATURDAY, APRIL 6

MONMOUTH COUNTY FIRE ACADEMY

Fire Investigator

Basics of Fire Protection Systems (*Previously - 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, APRIL 23

FIRE UNIVERSITY

NEW Buildings on Fire; Podium, CLT, Mass Timber and Hybrid Construction; Trends and Case Studies

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

An overview discussion of emerging national and regional trends related to emerging Mixed-use and Multiple-Occupancy Podium, Hybrid Cross Laminate Timber (CLT) structures, Evolving Mass Timber low-rise buildings and Hybrid Construction. The program will examine trends in Building Construction Systems, Methods & Materials of Construction (MMC) and Design related to the New Mass Timber and Cross Laminate Timber (CLT) construction and Podium and Donut construction designs and will focus on emerging lessons and learnings from major property and construction site fires resulting in major fire service operational challenges and community-wide risks and significant property losses. The primary objective of this program is to increase awareness and understandings on these new building construction, architecture, engineering and design systems that directly impact firefighting and command operations at future structure fires. Case studies and emerging lessons of recent national major construction site fires (MA, NC, CA, VA and MD) involving these structure types will be discussed.

WEDNESDAY, APRIL 10

UNION COUNTY FIRE ACADEMY

Fire Investigator

Community Risk Reduction: Integrating Our Efforts

Instructor: Lt. Michael O. McLeicer (Ret.)

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.

TUESDAY, MAY 7

PASSAIC COUNTY FIRE ACADEMY

Concrete Parking Decks and Garages

Instructor: Chief Brian Bennett, PhD

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.

THURSDAY, APRIL 11

TOMS RIVER FIRE ACADEMY

NEW DFS Criminal Activity Awareness

Instructors: Steven Mulcahy, Special Agent, WMD Coordinator, Bennet Berkman, Field Intelligence Officer, NJ Division of Fire Safety, NJSFM, and Robert Clark, Fire Captain LFD (Ret.), Field Intelligence Officer (WMD/CBRNE) UCDPS

The purpose of this class is to recognize the hazards regarding criminal activity and terroristic acts while responding to incidents. Students will be able to recognize, report, and notify proper authorities. A three-module morning classroom will be conducted. After lunch, students will be broken up into groups of five and sent on mock incident scenarios. Training rooms have been set up where role-players will act out illicit activities to test the students on what they learned in the morning classroom sessions. This class will dismiss at approximately 4 p.m.

WEDNESDAY, APRIL 17

UNION COUNTY FIRE ACADEMY

WEDNESDAY, MAY 22

UNION COUNTY FIRE ACADEMY

Fire Investigator

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.

FRIDAY, APRIL 12

CHUBB

Electric, Hybrid and Zero Emissions Vehicle fires and Emergencies

Instructor: David Dalrymple, Educator/Rescue Consultant

One of today's "hot button" concerns are incidents revolving around Lithium Ion Battery powered devices, be it an Electric or Today's Hybrid vehicles to Emobility devices to Energy Storage devices. This program will give you the basics for understanding the problems and more importantly the solutions and mitigation strategies that are needed for Responders in dealing with these situations. We will also cover other zero emissions devices and their power sources.

MONDAY, MAY 6

OCEAN COUNTY FIRE ACADEMY

Fire Cause Determination

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

This workshop is intended to familiarize line personnel with the *signs of arson* through basic fire behavior, the alarm, responding, the fire fight (ventilation, line placement, forcible entry, etc.), color of the smoke and flame, reaction of water on the fire, building construction, reading the crowd, role in the investigation, HTA fires, Clan Labs and much more. Good photos/slides and case histories enhance this class. Arson is one of the current tools of the terrorist, domestic and foreign. Knowing the signs of arson and causes of fire, leads to safer fire ground operations. Firefighter safety is emphasized.

THURSDAY, MAY 9

ATLANTIC COUNTY FIRE ACADEMY

Fire Investigator

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, APRIL 5

MORRIS COUNTY FIRE ACADEMY

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).

SATURDAY, APRIL 6

TOMS RIVER FIRE ACADEMY

SUNDAY, APRIL 7

MIDDLESEX COUNTY FIRE ACADEMY

MONDAY, APRIL 8

PASSAIC 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, MAY 1

TOMS RIVER FIRE ACADEMY

Fire Investigator

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

TUESDAY, APRIL 30

CHUBB

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.

THURSDAY, MAY 16

BERGEN COUNTY FIRE ACADEMY

Fire Investigator



UPDATED HAZMAT for Fire Inspectors: Alternative Fuels and Lithium Batteries

Instructor: Chief Brian Bennett, PhD

Alternative fuels are slowly replacing fossil fuels. These new fuels are found not only in vehicles but in all types of occupancies, including residential, commercial, retail, and industrial facilities. This class will review alternative fuels such as liquified hydrogen gas, compressed hydrogen gas, propane/LPG, compressed natural gas, liquified natural gas, and solar power.

Lithium metal and Lithium-ion batteries are found everywhere in today's society. This class will include information on battery basics, battery technology, storage systems, recharging systems, uses, hazards, and firefighting concerns.

WEDNESDAY, APRIL 10

FRIDAY, MAY 3

MIDDLESEX COUNTY FIRE ACADEMY

MORRIS COUNTY FIRE ACADEMY

Fire Investigator

REVISED & UPDATED Inspection, Testing and Maintenance of Automatic Sprinkler Systems: NJIFC & NFPA 25

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

This class was previously presented as Inspection and Testing of Water Based Fire Protection Systems in two parts.

The class will focus on the Inspection, Test and Maintenance (ITM) requirements of NFPA 25-17 including how to properly cite violations of NFPA 25. Automatic sprinkler systems are the most common of automatic suppression systems encountered during fire inspections. This class will focus on proper inspection and identification of violations and system impairments to ensure the automatic sprinkler system is able to function properly including requirements for wet-pipe systems, dry-pipe systems, fire department connections and building fire pumps. The 5-year ITM and obstruction investigation requirements are included. Case studies of violations/impairments from inspections will be presented. The class has been updated to reflect the 2017 Edition of NFPA 25 referenced by the 2018 NJIFC.

TUESDAY, MAY 30

MORRIS COUNTY FIRE ACADEMY

UPDATED Inspection, Testing and Maintenance Requirements for Fire Sprinkler Systems *(Previously 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 7

FIRE UNIVERSITY

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, APRIL 24

SOMERSET COUNTY FIRE ACADEMY

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.

SATURDAY, MAY 11

GLOUCESTER COUNTY FIRE ACADEMY

SATURDAY, MAY 18

MIDDLESEX COUNTY FIRE ACADEMY

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.

TUESDAY, MAY 7

TOMS RIVER FIRE ACADEMY

Community Risk Reduction

Community Risk Reduction: Integrating Our Efforts

Instructor: Lt. Michael O. McLeieer (Ret.)

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.

TUESDAY, MAY 7

PASSAIC COUNTY FIRE ACADEMY

NEW Youth Firesetting Prevention and Intervention Awareness

Instructor: Lt. Michael O. McLeieer (Ret.)

Children are often curious about fire. While curiosity is normal, there are things you can inform parents and caregivers about to prevent children from experimenting with fire and engaging in other high risk-taking. According to the U.S. Fire Administration, fires set by children are responsible for more than 100 fire deaths, nearly 1,000 painful burn injuries, and hundreds of millions of dollars in property loss each year in the United States. This full day course will provide participants with an overview of the youth firesetting problem and steps to take to connect families with appropriate intervention strategies and services.

MONDAY, MAY 6

MORRIS COUNTY FIRE ACADEMY

Health and Wellness

Diet and Exercise for Peak Firefighter Performance

Instructor: Brian Crimmins, New Jersey Career Fire Chiefs Association

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 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.

TUESDAY, MAY 14

MIDDLESEX COUNTY FIRE ACADEMY

NEW Resiliency Is the Way

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

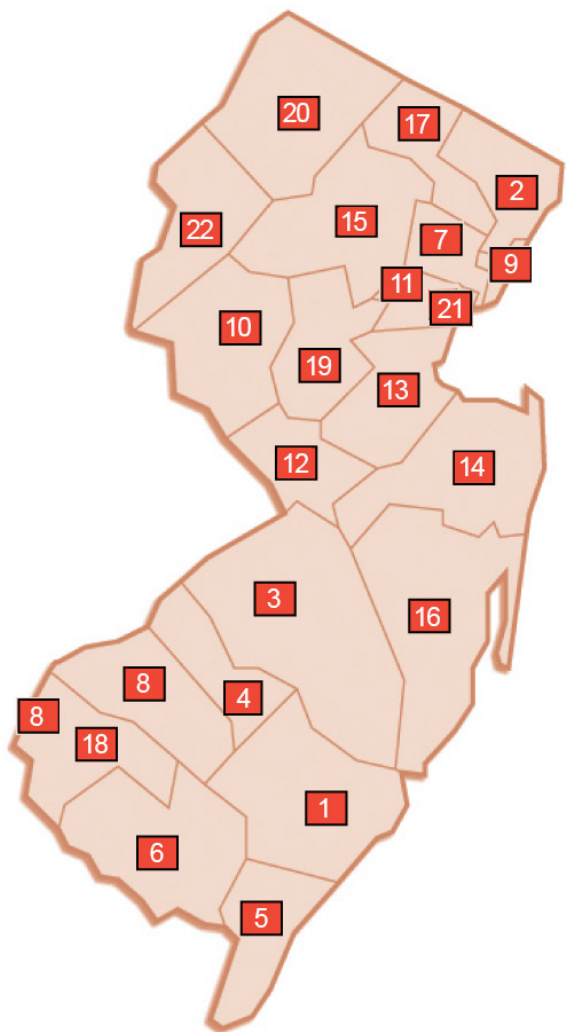
Have we done a good job of developing resilient firefighters? Have we given them the tools to succeed during a profession where we respond to the worst day of someone's life? Unfortunately, the research on mental health and suicide rates of emergency responders indicates that we have an issue that must be addressed. Therefore, during this class we will focus on why post-traumatic stress, acute stress disorder, and post-traumatic stress disorder affect emergency responders all over the world and how we can provide resiliency training to combat this. Quite often emergency responders do not understand why they are feeling a certain way mentally and physically from the trauma witnessed on emergency scenes. This creates many challenges both personally and professionally. Furthermore, responders may not know where to go for help or are afraid to ask for help due to the stigma and "suck it up" mentality plaguing emergency services.

Also, during this course, David will discuss the signs, symptoms, and differences of posttraumatic stress, acute stress disorder, and post-traumatic stress disorder from research and from his own personal experience. He will then outline stress management strategies that can be used in the firehouse and where responders can go for help. These tools and techniques have been used for decades to combat stress and require no funding. It only requires a willingness to learn and take the information back to your department members to help save those who save others.

FRIDAY, MAY 10

TOMS RIVER FIRE ACADEMY

NJ Fire Training Academy Locations



New Jersey Fire Training Academy Locations

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

NJ Fire Training Academy Locations

Anthony “Tony” Canale Fire 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 Law and Public Safety Institute

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. 3906

**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 Regional Emergency Training Center

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 Public Safety Training Center

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

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 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

Liberty Science Center

Liberty State Park
222 Jersey City Boulevard
Jersey City, NJ 07305

Take the NJ Turnpike to Exit 14C, staying in right-hand lanes at the toll. The exit is immediately after the toll. Take the first right onto Jersey City Boulevard, then make an immediate left to enter the parking lot. Travel time from the exit: under 1 minute.

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.

NJ Fire Training Academy Locations

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.

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 Public Safety 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).

NJ Fire Training Academy Locations

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

Newark Liberty International Airport

1 Conrad Road, Newark, NJ 07114

Administration Building “Building 1”

Room: 2nd Floor Large General Manager’s Conference Room

Via New Jersey Turnpike: Take Exit 14-14A-14B-14C for I-78 W toward US-1/US-9/Newark Airport. Continue on I-78 West. Use left lane to take the exit toward Port Newark. Take the exit toward Newark Airport. Merge onto Breaster Road. Left onto Conrad Road. Left into Parking Lot for Building 1.

Via Garden State Parkway: Take Exit 142A for I-78 East toward NJ Turnpike/Newark international Airport. Stay on I-78 East. Use right two lanes to take Exit 57 for NJ-21 N towards Newark/Newark Airport. Keep left and follow signs for the “North Area”. Left onto Brewster Road. Right onto Conrad Road. Left into Parking Lot for Building 1.

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 Community College Public Safety 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 unto 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 *.

NJ Fire Training Academy Locations

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.

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,” approximately 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.

NJ Fire Training Academy Locations

Paulsboro Refinery

600 Billingsport Rd, Paulsboro, NJ 08066

From the East: Take Garden State Parkway South to Exit 38B. Exit at 38B for A C Expressway toward Camden. Merge onto Atlantic City Expy W. Keep left at the fork to stay on Atlantic City W. Continue onto NJ- 41 N. Take exit 14A for NJ-42 N/ I-295S. Take exit 18 toward Mt Royal/Clarksboro. Follow Berkley Rd. to Billingsboro Rd in Greenwich Township. Turn right onto Berkley Rd. Turn left onto E Broad St. Turn right onto Billingsport Rd. Pass by Fulton Bank (on the right). Destination will be on the left.

From the South: Take I- 295 N. Follow signs for Camden/ Trenton. Take exit 16A toward Paulsboro. Continue on Swedesboro Rd. Drive to Billingsport Rd. Merge onto Swedesboro Rd. Pass by Fulton Bank (on the right). Destination will be on the left.

From the North: Take NJ Tpke South. Take exit 4 toward NJ-73N. Take exit 4 toward NJ-73 N. Keep right, follow signs for NJ-73 N and merge onto NJ-73 N. Use the middle lane to stay on NJ-73 N and follow signs for I-295 S/Del Mem Brg. Slight right to merge onto I-295 S toward Del Mem Brg. Use the right 2 lanes to take the I-295/NJ-42 S exit toward Del Mem Br/ Atlantic City. Keep right at the fork, follow signs for I-295 S. Continue onto I-295 S. Take exit 18 toward Mt Royal/ Clarksboro. Turn right onto Berkley Rd. Turn left onto E Broad St. Turn right onto Billingsport Rd. Pass by Fulton Bank (on the right). Destination will be on the left.

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 Street. Turn right onto E. Willow Street. 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 Street. Slight right onto Stuyvesant Avenue. Turn left onto Elmwood Avenue. Turn left onto NJ 82 W/Morris Avenue. Turn right onto Maple Avenue. Slight left onto Main Street. Continue straight to stay on Main Street. Turn right onto E. Willow Street. Destination will be on your left.

Sussex County Public Safety Training 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.

NJ Fire Training Academy Locations

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.

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:

NJ Fire Training Academy Locations

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 ¼ 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 | |
| Basics of Fire Protection Systems (Previously Basics of Fire Sprinklers and Fire Pumps) | | x | | x | x | x | x | 40 |
| Buildings on Fire; Podium, CLT, Mass Timber and Hybrid Construction; Trends and Case Studies | | x | | | x | x | | 23 |
| Carbon Monoxide Alarm Regulations | | x | | | | | x | 23 |
| Code Update | | x | | x | | | x | 24 |
| Community Risk Reduction: Integrating Our Efforts | x | | | | x | x | | 17 |
| Concrete Parking Decks and Garages | | x | | | x | x | | 24 |
| Connecting and Interacting With Challenging Boss Behaviors | x | | | | x | | | 17 |
| Courage To Be Safe | | | | | x | | | 22 |
| DFS Criminal Activity Awareness | | x | | | x | x | | 25 |
| Diet and Exercise for Peak Firefighter Performance | | | | | x | | | 43 |
| Drill Ground Instructor * | | | | | | | | 35 |
| Dry Pipe, Deluge and Pre-Action Systems | | x | | x | x | x | | 40 |
| | 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 |
| Electric, Hybrid and Zero Emissions Vehicle Fires and Emergencies | | x | | | x | x | | 43 |
| Excellence in Customer Service | x | | | | | | | 18 |
| Fight the Fire, Not the Building | | | | | x | | | 43 |
| Fire Apparatus Driver Education and Examination Preparation | | | | | x | | | 44 |
| Fire Cause Determination | | x | | | x | x | | 25 |
| Fire Department Responsibilities at Incendiary Fires | | x | | | x | x | | 25 |
| Fire Detection | | x | | | x | x | | 40 |
| Fire Incident Report Writing | | x | | | x | x | | 26 |
| Fire Investigation: Considering the Role of Natural Gas and/or Electricity | | x | | | x | x | | 26 |
| Fire Pumps | | x | | x | x | x | | 41 |
| Fire Service Concerns for Television and Film Productions | | x | | x | x | | | 26 |
| Fire Size Up | | | | | x | | | 44 |
| Fire Suppression Operations in Strip Malls | | | | | x | | | 44 |
| Firefighter 2 Extrication Skills - Enhancing the Instruction | | | | | x | | | 45 |
| Firefighter Safety and Survival | | | | | x | | | 45 |
| Fireground Strategies: Identifying Clues For Suppression, Survivability and Stabilization | | | | | x | | | 45 |
| Forward Thinking Leadership | x | | | | | | | 18 |
| | 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 | | | | 27 |
| Harassment, Diversity, and Social Media: Issues for the Emergency Services | x | | x | | x | | | 18 |
| Hazmat for Fire Inspectors: Alternative Fuels and Lithium Batteries | | x | | x | x | x | | 27 |
| Hazmat for Inspectors: Aerosols, Compressed Gases, and Unstable and Reactive Materials | | x | | | | | | 28 |
| Healthcare Facility UFC Inspections | | x | | | x | | | 28 |
| High-Rise Buildings: Understanding the Vertical Challenges | | x | | | | x | | 28 |
| | UFC | UFC | UCC | UCC | Fire | Fire | Multiple | Page # |
| Course Title | Admin | Tech | Admin | Tech | Instructor | Investigator | Dwelling | |
| How The Grateful Dead's Business Practices Improve Organizational Performance | x | | | | | | | 19 |
| In Honor of the Charleston 9: Sixteen Years Later and Still Riding | | | | | x | | | 46 |
| Inspection, Testing and Maintenance of Automatic Sprinkler Systems: NJIFC and NFPA 25 | | x | | x | x | x | | 29 |
| Inspection, Testing and Maintenance Requirements for Fire Sprinkler Systems (Previously ITM Requirements) | | x | | x | x | x | | 41 |
| Introduction to Fire Pumps and Dive into NFPA 20 | | | | | x | | | 41 |
| Introduction to Fire Sprinkler Systems and NFPA 13E | | x | | x | x | x | x | 42 |
| Leadership Excellence | x | | x | | x | | | 19 |
| Leadership for the Fire Service Instructor | | | | | x | | | 46 |
| Leadership: A Self Analysis | x | | x | | x | | | 19 |
| Leadership So Everyone Goes Home | | | | | x | | | 22 |
| Leading From the Front Seat | | | | | x | | | 47 |
| Managing Fireworks Displays | | x | | | | | | 29 |
| Managing the Mayday | | | | | x | | | 47 |
| Marine Firefighting Awareness | | | | | x | | | 48 |
| Mobile Food Vendor Inspection and Safety Course | | x | | | | | | 30 |
| NJIFC 2018 Chapter 9 Fire Protection System Requirements | | x | | | | | | 30 |
| Origin and Cause: A Systematic and Comprehensive Investigation | | x | | | | x | | 31 |
| Presentation Skills for the Fire Service; How to provide an Effective Presentation | x | | | | x | | | 20 |

| | UFC | UFC | UCC | UCC | Fire | Fire | Multiple | Page # |
|---|-------|------|-------|------|------------|--------------|----------|--------|
| Course Title | Admin | Tech | Admin | Tech | Instructor | Investigator | Dwelling | |
| Principles of Modern Building Construction | | x | | x | x | x | x | 31 |
| Professional Presentation Skills | x | | | | x | | | 20 |
| Resiliency Is The Way | | | | | X | X | | 48 |
| Smoke Alarms for Residential Applications | | x | | x | x | | x | 31 |
| Solar Power: Strategy and Tactics for the First Responder | | x | | | x | | | 32 |
| Standpipe Systems | | x | | x | | | | 42 |
| Strategies and Tactics: High Rise Strategic Operations and Tactical Concerns of Building Ventilation | | | | | x | | | 49 |
| Subchapter 4: "Retro-fit Requirement" Where are we now | | x | | x | | | x | 32 |
| | UFC | UFC | UCC | UCC | Fire | Fire | Multiple | Page # |
| Course Title | Admin | Tech | Admin | Tech | Instructor | Investigator | Dwelling | |
| The Dynamics of Change | x | | | | | | | 21 |
| The Influence of Building Construction, Occupancy Risk and Research on Command Decision Making for Fire Officers and Co | | | | | x | | | 33 |
| Think Like an Incident Commander | | | | | x | | | 49 |
| Thinking Beyond First Due at Townhouse and Multi-Residential Complexes | | | | | x | | | 50 |
| Tips and Tools for Effective Inspections | | x | x | | | | | 33 |
| Understanding Fire Protection Systems: Warehouse and Big Box Retail Occupancies | | x | | | | | | 34 |
| Vacant Buildings: Best Practices for Handling Vacant Building Inspections | | x | | x | | | x | 34 |
| Water Supplies and Sprinkler Systems | | x | | x | | | | 42 |
| Woodframe and Ordinary Construction Principles | | x | | | x | x | x | 34 |
| Youth Firesetting Prevention and Intervention Awareness | x | | | | x | | | 21 |

* 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.