




Homeland Security  
and Emergency Services

Fire Prevention  
and Control

A detailed photograph of a fire alarm control panel. The panel is filled with various components, including red and yellow pipes, valves, and gauges. A prominent red vertical pipe runs down the center, with a yellow pipe running horizontally across the top. Several gauges are visible, some with red needles. The background is a light-colored wall with some electrical conduits.

# 2024

AVAILABLE IN-SERVICE TRAINING FOR THE  
**CODE ENFORCEMENT OFFICER**  
OR  
**BUILDING SAFETY INSPECTOR**

Rev. 01/01/22

## **Automatic Sprinkler Plans Review**

Presents an overview of the four types of sprinkler system occupancy classifications, water supply and pressures, and determination of compliance of sprinkler designs and installations with National Fire Protection Association (NFPA) 13 and New York State Uniform Fire Prevention and Building Code requirements. It also includes choosing proper system components; determining density and performing remote area calculations, as well as utilizing K-Factor and friction loss formulas; participation in a hydraulic calculation exercise; using a plan review checklist; and conducting an actual automatic sprinkler plan review.

**Required Text: NFPA 13**

**CEU Hours: 14 Hour**

**Topic Hours: 06-08-00**

**Dept of State Course: T02-07-3050**

**Course Location(s): Academy, Locally via Outreach**

## **Building Construction Types**

This two-hour presentation reviews the features of building construction. The first component focuses on the five primary types of building construction and how various materials effect their integrity. The second component of the presentation pertains to the use of new materials and techniques in construction. The third component deals with the consequences of systems (or the lack thereof) failure and the effects that nature can have on buildings

**CEU Hours: 2 Hours**

**Topic Hours: 02-00-00**

**Dept of State Course: T02-07-2854**

**Course Location(s): Locally via Outreach, Remote Learning**

## **Codes for Commercial Kitchens**

This is a one-hour presentation that starts with understanding the commercial kitchen fire problem and how to involve food service managers in creating acceptable solutions within the code requirements and overall general safety in the commercial kitchen.

**CEU Hours: 1 Hour**

**Topic Hours: 00-01-00**

**Dept of State Course: T02-07-2891**

**Course Location(s): Locally via Outreach**

## **Consumer Fireworks in NY**

This presentation covers the recent and continuing changes to the recent legislation regarding consumer fireworks. With explanation of applicable laws and rules, NFPA standards, the Office of Fire Prevention and Control, Department of State and local AHJ's roles and limitations.

**CEU Hours: 3 Hours**

**Topic Hours: 00-03-00**

**Dept of State Course: T02-07-2944**

**Course Location(s): Locally via Outreach, Remote Learning**

## **Crowd Manager for CEO's**

This course is designed to relay information on the new code requirement for crowd managers that was included in the 2015 IFC. It will also give a CEO the chance to see the training requirements for crowd managers. This class details the requirements and walks the CEO through what they should be looking for when evaluating events and training programs.

**CEU Hours: 2 Hours**

**Topic Hours: 01-01-00**

**Dept of State Course: T02-07-2915**

**Course Location(s): Locally via Outreach, Remote Learning**

## **Customer Service for the Professional Code Official**

The course addresses the personal characteristics and acquirable skills needed to effectively, professionally, and with less conflict administer and perform code enforcement. Topics include professionalism, attitude, handling challenging people, effective listening and communication, citizen evaluation, and consistency.

**CEU Hours: 1 Hours**

**Topic Hours: 01-00-00**

**Dept of State Course: T02-07-2411**

**Course Location(s): Locally via Outreach**

## **Fire Alarm Basics**

This three-hour course is designed to be an introduction to fire alarm systems. The course provides participants with an overview of the components and operation of the fire alarm systems. The course also shows how the fire alarm system could interact with other building systems.

**CEU Hours: 3 Hour**

**Topic Hours: 01-02-00**

**Dept of State Course: T02-07-2852**

**Course Location(s): Locally via Outreach, Remote Learning**

## **Fire Alarm Systems Workshop**

An overview of the components of a fire alarm system, as well as the operation and design of such systems. It also includes inspecting existing fire alarm systems and fire department operations at alarmed buildings. The final session of this course consists of hands-on training in the fire alarm laboratory.

**CEU Hours: 14 Hour**

**Topic Hours: 05-09-00**

**Dept of State Course: T02-07-2996**

**Course Location(s): Academy, Locally via Outreach**

## **Fire Extinguisher Maintenance**

Provides technical data on preventative maintenance, recharging, and periodic tests of fire extinguishers. Including practical work sessions on low-pressure hydrostatic proof testing on extinguishers, recharging techniques, and inspection and maintenance. Which is designed to improve the capability of fire department, industrial, college, and other personnel responsible for maintaining fire extinguishers. It is also designed for code enforcement officials wanting a better understanding of fire extinguisher requirements, distribution, placement along with inspection, testing and maintenance per the NYS Building and Fire Code.

**CEU Hours: 12 Hour**

**Topic Hours: 10-02-00**

**Dept of State Course: T02-07-2925**

**Required Text: NFPA 10**

**Course Location(s): Academy**

## **Fire Extinguishers for Code Officials**

An introduction to the code official for portable fire extinguishers. Includes requirements for selection, ratings, distribution, hydro-test, recharge, inspection & maintenance of extinguishers. Also includes familiarization of NFPA 10 and related IFC code requirements.

**CEU Hours: 1 Hour**

**Topic Hours: 01-00-00**

**Dept of State Course: T02-07-2935**

**Course Location(s): Locally via Outreach**

## **Fire Safety During Construction & Demolition**

This course focuses on the recognition, prevention, and avoidance of construction hazards to code enforcement personnel, as well as other public safety professionals, during the construction and demolition of a premises.

**CEU Hours: 1 Hour**

**Topic Hours: 00-01-00**

**Dept of State Course: T02-07-3047**

**Course Location(s): Locally via Outreach**



## **Fire Safety for Entertainment Venues**

An introduction to the code official for safety concerns in both interior and exterior entertainment venues. The course reviews well-known and not so well-known historical fires in theaters, including lessons learned. Differences between stages and temporary platforms and the specific construction requirements for both. As well as behind the scene measures that the public never sees put in place for their safety. Including crowd control, low lighting situations, electrical safety, and pyrotechnic or flame effect requirements.

**CEU Hours: 3 Hours**

**Topic Hours: 03-00-00**

**Dept of State Course: T02-07-2998**

**Course Location(s): Locally via Outreach,  
Remote Learning**

## **Fire Safety for Free Thinking Art Students**

This one-hour presentation is designed to teach art students and faculty how the Fire Code applies to them and why they should be aware of fire and safety related issues. This program was originally created because of on campus fire/safety related issues.

**CEU Hours: 1 Hour**

**Topic Hours: 00-01-00**

**Dept of State Course: T02-07-2853**

**Course Location(s): Locally via Outreach**

## **Fire Sprinkler Basics**

This three-hour course is designed to be an introduction to fire sprinkler systems. The course provides participants with an overview of the different types and components of each type of sprinkler systems. The course will help the participant understand the sprinkler system operation and possible interactions with the fire alarm system.

**CEU Hours: 3 Hour**

**Topic Hours: 01-02-00**

**Dept of State Course: T02-07-2937**

**Course Location(s): Locally via Outreach,  
Remote Instruction**

## **Fire Sprinkler Systems Workshop**

An overview of wet, dry, deluge, pre-action, and residential sprinkler systems, as well as water supply and design of sprinkler systems. It also includes inspecting existing sprinkler systems and fire department operations at sprinklered buildings. The final session of this course consists of hands-on training in the sprinkler laboratory.

**CEU Hours: 14 Hour**

**Topic Hours: 03-11-00**

**Dept of State Course: T02-07-2995**

**Course Location(s): Academy, Locally via  
Outreach**

## **Fireworks Displays for the Code Official**

Code Officials will gain a better understanding of the NYS Fire Code, Penal Law and NFPA requirements pertaining to permitting and inspecting fireworks displays, ensuring site safety for employees as well as event attendees and the requirements for those firing the pyrotechnics.

**CEU Hours: 1 Hour**

**Topic Hours: 01-00-00**

**Dept of State Course: T02-07-2928**

**Course Location(s): Locally via Outreach,  
Remote Learning**

## **Hazardous Materials for the Code Official**

Under the Fire Code of New York State, local officials have a significant responsibility and the authority to ensure proper storage and handling of hazardous materials. Training includes the principles of hazardous materials identification, identification of the nine classes and appropriate divisions applied to hazardous materials, and proper storage. Also includes separating incompatible materials, marking facilities storing hazardous materials, and the code's responsibility in the hazardous materials reporting requirements. OSHA 1910.120 training requirements for Hazardous Materials First Responder Awareness Level are included. Designed for: All emergency response personnel with code enforcement responsibility.

**CEU Hours: 6 Hours**

**Topic Hours: 06-00-00**

**Dept of State Course: T02-07-2900**

**Course Location(s): Academy, Locally via  
Outreach**

## **Hot Work Fire Safety During Construction and Demolition**

This 1-hour presentation reviews NYS Fire Code Chapter 14 and 26 requirements; permitting programs including fire safety requirements; alarm impairments as well as fire watch requirements and will also discuss other considerations important to ensuring all operations continue to run smoothly.

**CEU Hours: 1 Hour**

**Topic Hours: 00-01-00**

**Dept of State Course: T02-07-2924**

**Course Location(s): Locally via Outreach**

## **Inspection Safety**

This two-hour presentation reviews important items to watch for relating to changes in existing structures during renovation or under emergency situations. The first component focuses on improving the individual safety awareness of the inspector while in the field in regard to changes in existing structures during and after renovations. Including roof load changes, solar panel placement, electrical safety, or occupancy or trade specific hazards. The second component of the presentation pertains to concerns, issues, and maintaining the well-being of the inspector during a DART/CEDAR deployment.

**CEU Hours: 2 Hours**

**Topic Hours: 02-00-00**

**Dept of State Course: T02-07-2856**

**Course Location(s): Locally via Outreach**

## **NYS Truss Identification Law**

This course is designed to review information on trusses in regard to Title 19 (NYCRR), Part 1264 and Part 1265. The review will cover identifying and defining trusses, the importance of identification and placarding to first responders, as well as documentation requirements for the code official.

**CEU Hours: 1 Hour**

**Topic Hours: 00-01-00**

**Dept of State Course: T02-07-2889**

**Course Location(s): Locally via Outreach,  
Remote Learning**

## **Why Sprinklered Buildings Burn**

This one-hour presentation discusses why buildings that are fully sprinklered burn. The presentation begins with a brief overview of why sprinklers are so effective and concludes with the main causes for failures in sprinkler systems.

**CEU Hours: 1 Hour**

**Topic Hours: 00-01-00**

**Dept of State Course: T02-07-2864**

**Course Location(s): Locally via Outreach**

## MAINTAINING CERTIFICATION OF BSI'S AND CEO'S

BSI Certification To be a certified building safety inspector, an individual must successfully complete the required basic training (a minimum of 60 hours of basic training) and maintain the required yearly in-service training (6 hours annually) and any required advanced in-service training. Three hours must be in the category of "Code Enforcement and Administration".

CEO Certification To be a certified code enforcement official, an individual must successfully complete the required basic training (a minimum of 120 hours of basic training) and maintain the required yearly in-service training (24 hours annually) and any required advanced in-service. CEO's must complete 3 hours in each of the following three categories:

- Topic 1: Code Enforcement and Administration,
- Topic 2: Uniform Fire Prevention and Building Code,
- Topic 3: Energy Conservation Construction Code.

***The Office of Fire Prevention and Control has not developed a course meeting ECCC credit.***

## Topics 1, 2, & 3 hours per class

- (06-08-00) Automatic Sprinkler Plans Review
- (02-00-00) Building Construction Types
- (00-01-00) Codes for Commercial Kitchens
- (00-03-00) Consumer Fireworks in NY
- (01-01-00) Crowd Manager for CEO's
- (01-00-00) Customer Service for the Professional Code Official
- (01-02-00) Fire Alarm Basics
- (05-09-00) Fire Alarm Systems Workshop
- (10-02-00) Fire Extinguisher Maintenance
- (01-00-00) Fire Extinguishers for Code Officials
- (00-01-00) Fire Safety During Construction & Demolition
- (03-00-00) Fire Safety for Entertainment Venues
- (00-01-00) Fire Safety for Free Thinking Art Students
- (01-02-00) Fire Sprinkler Basics
- (03-11-00) Fire Sprinkler Systems Workshop
- (01-00-00) Fireworks Displays for the Code Official
- (06-00-00) Hazardous Materials for the Code Officials
- (00-01-00) Hot Work Fire Safety During Construction and Demolition
- (02-00-00) Inspection Safety
- (00-01-00) NYS Truss Identification Law
- (00-01-00) Why Sprinklered Buildings Burn

To host any of these courses, please contact: [OFPC.Codes.Inservice@dhses.ny.gov](mailto:OFPC.Codes.Inservice@dhses.ny.gov)

For a list of up-to-date courses, please visit: [www.dhses.ny.gov/codes](http://www.dhses.ny.gov/codes)

