



SPRING

Career Development Schedule

Because the threat of the Covid-19 pandemic doesn't appear to be dissipating any time soon, the Office of Education and Data Management (OEDM) is offering all Spring 2021 Career Development classes online. This is for your safety and the safety of our instructors and staff. As soon as the pandemic passes, OEDM will resume hosting live career development classes in addition to our online offerings.

Each three-hour Webinar Series will be broken down into digestible one-hour sessions, each session will be offered one morning and one evening.

You can choose the time of day that's best for you; mix morning and evening sessions if you like. Each webinar session attended will be worth one CEU.

You'll have to register at lisa.rochester@ct.gov prior to two business days before the training. Email your name, ETC number (first three letters of your last name, last four digits of your social security number) and title(s) of the webinar series you wish to attend.

Handouts and schedule changes will be posted on our website.

Spring 2021 Career Development Schedule

Spring 2021 Career Development Schedule			
Morning Webinar Series—IEBC and Application Challenges/Joe Versteeg			Both
W, January 6	9 am - 10 am	Session 1: Using the IEBC to Achieve Code Compliance	
W, January 13	9 am - 10 am	Session 2: Inspections for Minimum Safeguard Requirements	
W, January 20	9 am - 10 am	Session 3: Compliance Challenges and Case Studies	
Evening Webinar Series—IEBC and Application Challenges/Joe Versteeg			Both
M, January 4	6 pm - 7 pm	Session 1: Using the IEBC to Achieve Code Compliance	
M, January 11	6 pm - 7 pm	Session 2: Inspections for Minimum Safeguard Requirements	
M, January 25	6 pm - 7 pm	Session 3: Compliance Challenges and Case Studies	
Morning Webinar Series—Fire Code Requirements for Educational Occupancies /Brad Cronin			Fire
T, January 5	9 am - 10 am	Session 1: Egress in Educational Occupancies	
T, January 12	9 am - 10 am	Session 2: Furnishings, Decorations and Interior Finishes in Schools	
T, January 19	9 am - 10 am	Session 3: Drills, Plans and Preparedness in Schools	
Evening Webinar Series— Fire Code Requirements for Educational Occupancies /Brad Cronin			Fire
Th, January 7	6 pm - 7 pm	Session 1: Egress in Educational Occupancies	
Th, January 14	6 pm - 7 pm	Session 2: Furnishings, Decorations and Interior Finishes in Schools	
Th, January 21	6 pm - 7 pm	Session 3: Drills, Plans and Preparedness in Schools	
Morning Webinar Series—2018 IPC and IMC Significant Changes/William Lussier			Building
W, February 3	9 am - 10 am	Session 1: Plumbing Code Changes	
W, February 10	9 am - 10 am	Session 2: Mechanical Code Changes	
W, February 17	9 am - 10 am	Session 3: General Material and Connecticut Code Amendments	
Evening Webinar Series—2018 IPC and IMC Significant Changes/William Lussier			Building
M, February 1	6 pm - 7 pm	Session 1: Plumbing Code Changes	
M, February 8	6 pm - 7 pm	Session 2: Mechanical Code Changes	
M, February 22	6 pm - 7 pm	Session 3: General Material and Connecticut Code Amendments	

Spring 2021 Career Development Schedule *continued*

Morning Webinar Series—NFPA 25 - Maintenance, Testing and Inspection of Sprinkler Systems/Brad Cronin			Fire
T, February 9	9 am - 10 am	Session 1: Introduction to NFPA 25 Scope, Purpose and Definitions	
T, February 16	9 am - 10 am	Session 2: Summary of Sprinkler System Inspection, Testing and Maintenance	
T, February 23	9 am - 10 am	Session 3: Identification of Impairments, Critical Deficiencies and Noncritical Deficiencies	
Evening Webinar Series—NFPA 25 - Maintenance, Testing and Inspection of Sprinkler Systems/Brad Cronin			Fire
Th, February 11	6 pm - 7 pm	Session 1: Introduction to NFPA 25 Scope, Purpose and Definitions	
Th, February 18	6 pm - 7 pm	Session 2: Summary of Sprinkler System Inspection, Testing and Maintenance	
Th, February 25	6 pm - 7 pm	Session 3: Identification of Impairments, Critical Deficiencies and Noncritical Deficiencies	
Morning Webinar Series—Electrical Code Series Training for Inspectors/Sal Centatiempo			Building
W, March 3	9 am - 10 am	Session 1: Ground Fault Devices Scope	
W, March 10	9 am - 10 am	Session 2: Wiring Methods Scope	
W, March 17	9 am - 10 am	Session 3: Disconnects Scope	
Evening Webinar Series—Electrical Code Series Training for Inspectors/Sal Centatiempo			Building
M, March 1	6 pm - 7 pm	Session 1: Ground Fault Devices Scope	
M, March 8	6 pm - 7 pm	Session 2: Wiring Methods Scope	
M, March 15	6 pm - 7 pm	Session 3: Disconnects Scope	
Morning Webinar Series—Fireworks/Paul Makuc			Fire
T, March 2	9 am - 10 am	Session 1: Consumer Fireworks	
T, March 9	9 am - 10 am	Session 2: Commercial Fireworks	
T, March 16	9 am - 10 am	Session 3: Illegal Fireworks	
Evening Webinar Series—Fireworks/Paul Makuc			Fire
Th, March 4	6 pm - 7 pm	Session 1: Consumer Fireworks	
Th, March 11	6 pm - 7 pm	Session 2: Commercial Fireworks	
Th, March 18	6 pm - 7 pm	Session 3: Illegal Fireworks	
Morning Webinar Series—Swimming Pools/Gregory Grew			Building
W, April 7	9 am - 10 am	Session 1: Applicable Codes and Standards	
W, April 14	9 am - 10 am	Session 2: Swimming Pool Barrier and Entrapment Protection Requirements	
W, April 21	9 am - 10 am	Session 3: Permit Review and Inspection	
Evening Webinar Series—Swimming Pools/Gregory Grew			Building
M, April 5	6 pm - 7 pm	Session 1: Applicable Codes and Standards	
M, April 12	6 pm - 7 pm	Session 2: Swimming Pool Barrier and Entrapment Protection Requirements	
M, April 19	6 pm - 7 pm	Session 3: Permit Review and Inspection	
Morning Webinar Series—Legal Liability for Building and Fire Officials/Ray Walker			Both
T, April 6	9 am - 10 am	Session 1: Issues of General Liabilities and Defense	
T, April 13	9 am - 10 am	Session 2: Immunity and Working Within the Scope of State Statutes and Regulations	
T, April 20	9 am - 10 am	Session 3: Report Writing and Preparation for Court Testimony	
Evening Webinar Series—Legal Liability for Building and Fire Officials/Ray Walker			Both
Th, April 8	6 pm - 7 pm	Session 1: Issues of General Liabilities and Defense	
Th, April 15	6 pm - 7 pm	Session 2: Immunity and Working Within the Scope of State Statutes and Regulations	
Th, April 22	6 pm - 7 pm	Session 3: Report Writing and Preparation for Court Testimony	
Morning Webinar Series—Evaluation of Substantial Damage and Substantial Improvement /Doug Colter & Tony Cinicola			Building
W, May 5	9 am - 10 am	Session 1: Substantial Damage	
W, May 12	9 am - 10 am	Session 2: Substantial Improvement	
W, May 19	9 am - 10 am	Session 3: Common Questions and Case Studies of Storm Aftermath	

Spring 2021 Career Development Schedule *continued*

Evening Webinar Series—Evaluation of Substantial Damage and Substantial Improvement /Doug Colter & Tony Cinicola			Building
M, May 3	6 pm - 7 pm	Session 1: Substantial Damage	
M, May 10	6 pm - 7 pm	Session 2: Substantial Improvement	
M, May 17	6 pm - 7 pm	Session 3: Common Questions and Case Studies of Storm Aftermath	
Morning Webinar Series—Food Trucks and Commercial Cooking/Dave Beaudin			Fire
T, May 4	9 am - 10 am	Session 1: Food Truck LP Requirements and Best Practices	
T, May 11	9 am - 10 am	Session 2: Commercial Cooking Types and Fuel Sources	
T, May 18	9 am - 10 am	Session 3: Inspection of Extinguishing Systems	
Evening Webinar Series—Food Trucks and Commercial Cooking/Dave Beaudin			Fire
Th, May 6	6 pm - 7 pm	Session 1: Food Truck LP Requirements and Best Practices	
Th, May 13	6 pm - 7 pm	Session 2: Commercial Cooking Types and Fuel Sources	
Th, May 20	6 pm - 7 pm	Session 3: Inspection of Extinguishing Systems	
Morning Webinar Series—Accessibility Requirements Under the Fire Code/Mike Sinsigalli			Fire
T, June 1	9 am - 10 am	Session 1: The Accessible Means of Egress	
T, June 8	9 am - 10 am	Session 2: Accessibility Requirements for Fire Alarm Systems	
T, June 15	9 am - 10 am	Session 3: Getting Your Message Out	
Evening Webinar Series—Accessibility Requirements Under the Fire Code/Mike Sinsigalli			Fire
Th, June 3	6 pm - 7 pm	Session 1: The Accessible Means of Egress	
Th, June 10	6 pm - 7 pm	Session 2: Accessibility Requirements for Fire Alarm Systems	
Th, June 17	6 pm - 7 pm	Session 3: Getting Your Message Out	
Morning Webinar Series—Vapor Retarders, Air Barriers and the Connecticut Code Requirements/Mike DeWein			Building
W, June 2	9 am - 10 am	Session 1: Differences Between Vapor Retarders and Air Barriers	
W, June 9	9 am - 10 am	Session 2: Air Barrier Requirements—Commercial and Residential	
W, June 16	9 am - 10 am	Session 3: Vapor Retarder Requirements—Commercial and Residential	
Evening Webinar Series—Vapor Retarders, Air Barriers and the Connecticut Code Requirements/Mike DeWein			Building
M, June 7	6 pm - 7 pm	Session 1: Differences Between Vapor Retarders and Air Barriers	
M, June 14	6 pm - 7 pm	Session 2: Air Barrier Requirements—Commercial and Residential	
M, June 21	6 pm - 7 pm	Session 3: Vapor Retarder Requirements—Commercial and Residential	

Spring 2021 Career Development Seminar Content

January

IEBC and Application Challenges

This series will cover the appropriate use of the IEBC portion of the Connecticut State Building Code.

Session 1: Using the IEBC to Achieve Code Compliance

The first session will cover how the IEBC provides flexibility to permit the use of alternate method to achieve compliance with the building code minimum requirements.

Session 2: Inspections for Minimum Safeguard Requirements

The second session will cover the inspection of the minimum safeguard requirements associated with repairs, alterations, changes of occupancy, additions and relocations of existing buildings.

Session 3: Compliance Challenges and Case Studies

The third session will include discussions on compliance challenges and a case study when the IEBC is used for buildings

undergoing changes. *Joseph H. Versteeg, Principal, Versteeg Associates, LLC, Code Compliance & Life Safety Specialists*

Fire Code Requirements for Educational Occupancies

This seminar will focus on fire code requirements associated with Educational Occupancies in the Connecticut Fire Codes.

Session 1: Egress in Educational Occupancies

The first session will cover some of the egress requirements of the fire and life safety codes and specific areas that are typically problematic in educational occupancies.

Session 2: Furnishings, Decorations and Interior Finishes in Schools

The second session will cover the requirements for furnishings, decorations, and interior finish that reside in the fire and life codes with a focus on the unique nature of schools.

Session 3: Drills, Plans and Preparedness in Schools

The third session will discuss the requirements of the fire and life safety codes as they relate to schools. Also covered is

properly planning for emergencies and intervals for practicing the plan. **Brad Cronin**, *V.P. Fire Protection, Strategic Code Solutions*

February

2018 IPC and IMC Significant Changes

This seminar will cover the significant changes made to the International Plumbing Code and International Mechanical Code between the 2015 and 2018 editions.

Session 1: Plumbing Code Changes

The first session will review the significant changes made to the International Plumbing Code.

Session 2: Mechanical Code Changes

The second session will review the significant changes made to the International Mechanical Code.

Session 3: General Material and Connecticut Code Amendments

The third session will include a discussion on general materials covered within each code along with the proposed Connecticut code amendments. **William Lussier**, *Building Trainer, DAS Office of Education and Data Management*

NFPA 25—Maintenance, Testing and Inspection of Sprinkler Systems

This seminar series is designed to enable attendees to identify and apply the code provisions pertaining to the maintenance, testing and inspections of Sprinkler Systems. Attendees will be presented with information to help them oversee testing and inspections of new and existing installations.

Session 1: Introduction to NFPA 25 Scope, Purpose and Definitions

The first session will cover the legal path to access and the organization of NFPA 25 along with the basic introduction to the scope, purpose and important definitions.

Session 2: Summary of Sprinkler

System Inspection, Testing and Maintenance

The second session will summarize the different types of sprinkler systems and the requirements for periodic maintenance, testing and inspections.

Session 3: Identification of Impairments, Critical Deficiencies and Noncritical Deficiencies

The third session will cover the identification of impairments within a sprinkler system and what are critical and non-critical deficiencies. **Brad Cronin**, *V.P. Fire Protection, Strategic Code Solutions*

March

Electrical Code Series Training for Inspectors

This electrical seminar series will cover ground faults, wiring methods and disconnects requirements within the National Electrical Code.

Session 1: Ground Fault Devices Scope

The first session will cover residential and commercial applications, specific locations and product type devices based on voltage and amperage limitations. Differences between GFCI's and GFPE's and other ground fault devices will be included.

Session 2: Wiring Methods Scope

The second session will cover NEC Chapter 3 wiring, including

insulation types and amperage ratings, permitted methods in specific occupancies, location limitations for specific types of products, and how to derate conductors for proper sizing of loads.

Session 3: Disconnects Scope

The third session will cover switches used for disconnecting energy to equipment for safe operations, how to determine which type and location, locking requirements, permitted types of enclosures for the environment and SCCR calculations for circuit performance. **Sal Cenatiempo**, *Continuing Electrical Needs Association, LLC*

Fireworks

Session 1: Consumer Fireworks

The first session will cover the definition, regulations, sales and use of consumer grade fireworks. Inspections of occupancies used for the sales and storage of fireworks will be reviewed.

Session 2: Commercial Fireworks

The second session will cover regulations associated with the requirements for planning, permitting, licenses, shooting and cleanup of commercial fireworks displays.

Session 3: Illegal Fireworks

The third session will cover identifying illegal fireworks for sale and use by the public. This session will discuss the most common illegal fireworks for sale in Connecticut and the process to legally remove fireworks and write up a citation. **Detective Paul G. Makuc #885**, *Connecticut State Police Fire & Explosion Investigation Unit*

April

Swimming Pools

This training program will cover the general code requirements for construction of swimming pools and spas under the State Building Code.

Session 1: Applicable Codes and Standards

The first session will cover the definition of swimming pools and spas along with general state building code requirements and applicable reference standards.

Session 2: Swimming Pool Barrier and Entrapment Protection Requirements

The second session will focus on barrier and entrapment requirements to protect against drowning.

Session 3: Permit Review and Inspection

The third session will review the permit application review and inspection process for swimming pools and barriers including some common code questions that are encountered. **Milton Gregory Grew**, *AIA, Architect, Building Official, Codes Consultant*

Legal Liability for Building and Fire Officials

The seminar series will cover areas of legal liability for building and fire officials who work for a local or state authority having jurisdiction.

Session 1: Issues of General Liabilities and Defense

The first session will focus on common elements of liability and how an official can recognize and utilize possible defenses to personal and departmental liability.

Session 2: Immunity and Working

Within the Scope of State Statutes and Regulations

The second session will cover immunity and the importance of working within the scope of local officials' job duties as defined under Connecticut General Statutes, regulations and codes.

Session 3: Report Writing and Preparation for Court Testimony

The third session will cover the importance of report writing for inspections and investigations including the structure and content of the report along with preparing reports to be used as part of court room testimony. *Ray Walker, Jr., retired Fire Marshal, Vernon*

May**Evaluation of Substantial Damage and Substantial Improvement**

This seminar series will cover the issues of substantial damage and substantial improvement as the state moves into another hurricane season.

Session 1: Substantial Damage

The first session will cover the definition of substantial damage under the state building code, the major issues and requirements when this limit is exceeded and how the local official should evaluate a structure that has been damaged by a storm or other cause.

Session 2: Substantial Improvement

The second session will cover the definition of substantial improvement under the state building code, the major issues and requirements when this limit is exceeded and how the local official should evaluate an existing structure and proposed plans for improvement.

Session 3: Common Questions and Case Studies of Storm Aftermath

The third session will discuss common questions that arise during evaluations for damage and improvement and present some after-storm case studies and how these issues affected the reconstruction and repair of structures. *Doug Colter, C.F.M., Assistant Building Official, West Haven and Tony Cinicola, Chief Building Official, Branford*

Food Trucks and Commercial Cooking

This seminar series will cover food trucks and commercial cooking requirements under the state fire codes.

Session 1: Food Truck LP Requirements and Best Practices

The first session will focus on food trucks and associated liquid propane regulations covering types of trucks, LP gas systems, cooking appliances, fire suppression systems and maintenance.

Session 2: Commercial Cooking Types and Fuel Sources

The second session will cover commercial cooking code requirements, types of appliances, types of fuel, fire suppression system requirements, exhaust systems and cleaning/maintenance requirements.

Session 3: Inspection of Extinguishing Systems

The third session will address the inspection of extinguishing systems used in commercial cooking operations. *David Beaudin, Retired Supervisor, Code Compliance and Enforcement Unit, Massachusetts Office of the State Fire Marshal*

June**Accessibility Requirements under the Fire Code**

This three-part series will review the accessibility requirements of the Connecticut Fire Safety Codes. Discussion will include applicable provisions of the IFC, ICC A117.1 and NFPA 72.

Session 1: The Accessible Means of Egress

The first session will cover the accessible means of egress requirements for new construction as found in Part III of the Connecticut Fire Safety Code. Elevators have never been considered as viable means of egress components by the fire service. Now, with the improvements in technology and fire protection systems, elevators are recognized as a component of an accessible egress system. Discussion topics will include accessible means of egress components including elevators and their requirements for being considered as an egress component.

Session 2: Accessibility Requirements for Fire Alarm Systems

The second session will cover the requirement that Fire alarm systems must be accessible to all who use the building. In this session, the audibility and visibility requirements of the code will be examined. Discussions will include occupant notification appliance locations, equipment mounting heights, and accessibility upgrades to existing systems.

Session 3: Getting Your Message Out

The third session will cover issues associated with getting your message out to the public, including: How accessible are your messages or programs?, Are you providing smoke alarms for the deaf and hard of hearing?, Are your messages and public service announcements (PSA's) reaching all members of your community? Methods of providing greater accessibility to public education and safety programs will be discussed as well as possible funding sources. *Michael Sinsigalli, Assistant Fire Chief/Fire Marshal, West Hartford Fire Department Fire Marshal's Office*

Vapor Retarders, Air Barriers and the Connecticut Code Requirements

This seminar series will cover two important, but often confused and misunderstood Building Systems and their requirements in the State Building and Energy Codes – Vapor Retarders and Air Barriers. Each session will include what a code enforcement official should look for in all construction projects, plan review and site inspection, the tools that can help with that work, and special programs that can assist the code official.

Session 1: Differences Between Vapor Retarders and Air Barriers

The first session will clear up those misunderstandings, focusing on the Connecticut codes and Climate Zones. Why there are different roles for these two systems and the different rules for applying the rules for both will be presented.

Session 2: Air Barrier Requirements—Commercial and Residential

The second session will cover the Connecticut code requirements for Air Barriers in both Commercial and Residential requirements, and the roles they play in providing safe, healthy, durable, and comfortable and energy-efficient buildings.

Session 3: Vapor Retarder Requirements—Commercial and Residential

The third session will cover the requirements for Vapor Retarders.

How to Register

Each month two webinar series will be offered; each webinar series has three sessions and each session will be offered one morning and one evening. You can choose which time of day works best for you; mix morning and evening sessions if you like. When you register, you are registering for all three sessions.

Email the name of the webinar series you wish to attend to: lisa.rochester@ct.gov
You must send your email at least two business days before the class, otherwise you will not be registered.

Lisa will send you a link that will admit you to all three morning and evening sessions. She will also forward a sheet with technical tips for working with Blackboard Collaborate, OEDM's video conferencing software.

On the Day of Training

To participate in an OEDM webinar, you'll need an internet connection with Google Chrome, Firefox or Safari browser.

If you attended OEDM webinars last semester, just log in five minutes before the start of the training.

If this is your first time using Blackboard Collaborate, log in to the training 30 minutes early to make sure you have no technical issues. The latest you can log in for a technical check is ten minutes prior to the start of class; for morning classes log in by 8:50 a.m., for evening classes log in by 5:50 p.m.

Once you've logged on, type your name and ETC number into the Chat. You can reach the Chat by clicking on the purple tab in the lower right corner of the screen.
This is how we will track attendance.

Schedule and Handouts

The Career Development schedule and handouts can be found on our website.

You are encouraged to have the appropriate Code book(s) at the training.

Online Credit Lookup

Get your training report at www.portal.ct.gov/DASMyCredits

Acknowledgements

The Office of Education and Data Management would like to thank our volunteer instructors who donate their expertise and time on behalf of a safer Connecticut.

Code training programs are made possible through the Code Training and Education Fund. Revenue for the fund comes from assessments on building permit construction values.