

2020 FALL

September - December

Classes Highlighted in Yellow have been Canceled

Office of Education and Data Management
Department of Administrative Services



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 Fall 2020 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. Every webinar session attended will be worth one CEU.

You'll have to register **at least two business days prior** to the training. **Email your name, ETC number and title(s) of the webinar series you wish to attend to: lisa.rochester@ct.gov**

Handouts and schedule changes will be posted on our website.

Fall 2020 Career Development Schedule

Morning Webinar Series—Introduction to Community Risk Reduction/Nicholas DeLia			Fire
T, September 8	9 am - 10 am	Session 1: Basic Steps of Risk Assessment	
T, September 15	9 am - 10 am	Session 2: Planning - Working with XL and NFIRS Data	
T, September 22	9 am - 10 am	Session 3: Addressing and Solving CRR Issues	
Evening Webinar Series—Introduction to Community Risk Reduction/Nicholas DeLia			Fire
Th, September 10	6 pm - 7 pm	Session 1: Basic Steps of Risk Assessment	
Th, September 17	6 pm - 7 pm	Session 2: Planning - Working with XL and NFIRS Data	
Th, September 24	6 pm - 7 pm	Session 3: Addressing and Solving CRR Issues	
Morning Webinar Series—Commercial Code Series: Energy Conservation Code and Building Exteriors/Frederick F. Wajcs			Building
W, September 9	9 am - 10 am	Session 1: Plan Review and Compliance Submissions	
W, September 16	9 am - 10 am	Session 2: Establishing Inspection Checklists during Plan Review	
W, September 23	9 am - 10 am	Session 3: Inspection of Building Exteriors and Energy Code Compliance	
Evening Webinar Series—Commercial Code Series: Energy Conservation Code and Building Exteriors/Frederick F. Wajcs			Building
M, September 14	6 pm - 7 pm	Session 1: Plan Review and Compliance Submissions	
M, September 21	6 pm - 7 pm	Session 2: Establishing Inspection Checklists during Plan Review	
M, September 28	6 pm - 7 pm	Session 3: Inspection of Building Exteriors and Energy Code Compliance	
Morning Webinar Series—Commercial Code Series: Structural/Thomas A. DiBlasi			Building
W, October 7	9 am - 10 am	Session 1: Plan Review and Compliance Submissions	
W, October 14	9 am - 10 am	Session 2: Establishing Inspection Checklists during Plan Review	
W, October 21	9 am - 10 am	Session 3: Inspection of Building Structural Elements	
Evening Webinar Series—Commercial Code Series: Structural/Thomas A. DiBlasi			Building
M, October 5	6 pm - 7 pm	Session 1: Plan Review and Compliance Submissions	
M, October 19	6 pm - 7 pm	Session 2: Establishing Inspection Checklists during Plan Review	
M, October 26	6 pm - 7 pm	Session 3: Inspection of Building Structural Elements	

Fall 2020 Career Development Schedule *continued*

Morning Webinar Series—NFPA 58 - Liquefied Propane Gas Code/Joe Versteeg			Fire
T, October 6	9 am - 10 am	Session 1: Introduction to NFPA 58 and LP Gas Properties	
T, October 13	9 am - 10 am	Session 2: Storage, Handling and Transportation Requirements	
T, October 20	9 am - 10 am	Session 3: Use of Liquefied Petroleum Gas and Installation Issues	
Evening Webinar Series—NFPA 58—Liquefied Propane Gas Code/Joe Versteeg			Fire
Th, October 8	6 pm - 7 pm	Session 1: Introduction to NFPA 58 and LP Gas Properties	
Th, October 15	6 pm - 7 pm	Session 2: Storage, Handling and Transportation Requirements	
Th, October 22	6 pm - 7 pm	Session 3: Use of Liquefied Petroleum Gas and Installation Issues	
Morning Webinar Series—National Electrical Code Workshop Series/Sal Centatiempo			Building
W, November 4	9 am - 10 am	Session 1: Residential Electrical Services	
W, November 18	9 am - 10 am	Session 2: Sizing Wire Conductors	
W, November 25	9 am - 10 am	Session 3: Bonding and Grounding	
Evening Webinar Series—National Electrical Code Workshop Series/Sal Centatiempo			Building
M, November 2	6 pm - 7 pm	Session 1: Residential Electrical Services	
M, November 9	6 pm - 7 pm	Session 2: Sizing Wire Conductors	
M, November 16	6 pm - 7 pm	Session 3: Bonding and Grounding	
Morning Webinar Series—Conducting a Systematic Examination of the Fire Scene/Paul Makuc			Fire
T, November 3	9 am - 10 am	Session 1: Exterior Examination	
T, November 10	9 am - 10 am	Session 2: Interior Examination	
T, November 17	9 am - 10 am	Session 3: Identifying Area of Origin	
Evening Webinar Series—Conducting a Systematic Examination of the Fire Scene/Paul Makuc			Fire
Th, November 5	6 pm - 7 pm	Session 1: Exterior Examination	
Th, November 12	6 pm - 7 pm	Session 2: Interior Examination	
Th, November 19	6 pm - 7 pm	Session 3: Identifying Area of Origin	
Morning Webinar Series—Means of Egress/Michael Sinsigalli			Fire
T, December 1	9 am - 10 am	Session 1: Means of Egress as a System	
T, December 8	9 am - 10 am	Session 2: Sizing of Egress Components, Travel Distance and Remoteness	
T, December 15	9 am - 10 am	Session 3: Means of Egress Complications	
Evening Webinar Series—Means of Egress/Michael Sinsigalli			Fire
Th, December 3	6 pm - 7pm	Session 1: Means of Egress as a System	
Th, December 10	6 pm - 7 pm	Session 2: Sizing of Egress Components, Travel Distance and Remoteness	
Th, December 17	6 pm - 7 pm	Session 3: Means of Egress Complications	
Morning Webinar Series—Top 10 Things You Really Want to Know - Residential Energy Code/Michael DeWein			Building
W, December 2	9 am - 10 am	Session 1: Top 10 Things – Part 1: Energy Conservation	
W, December 9	9 am - 10 am	Session 2: Top 10 Things – Part 2: Building Systems	
W, December 16	9 am - 10 am	Session 3: Residential Ventilation	
Evening Webinar Series—Top 10 Things You Really Want to Know - Residential Energy Code/Michael DeWein			Building
M, December 7	6 pm - 7pm	Session 1: Top 10 Things – Part 1: Energy Conservation	
M, December 14	6 pm - 7 pm	Session 2: Top 10 Things – Part 2: Building Systems	
M, December 21	6 pm - 7 pm	Session 3: Residential Ventilation	

September

Introduction to Community Risk Reduction

This program will focus on the preparations and performance of community risk assessments and reduction by local fire marshal office staff within their communities.

Session 1: Basic Steps of Risk Assessment

This session will address basics steps of risk reduction and cover strategic community risk reductions along with the relationship between hazards, risk and vulnerabilities.

Session 2: Planning - Working with XL and NFIRS Data

This session will address planning using available data from the community in an excel format.

Session 3: Addressing and Solving CRR Issues

This session will present hot topics associated with risk reduction and solving community risk issues. Program will reference the Connecticut General Statutes and related regulations and Codes, the 2018 Connecticut Fire Safety and Connecticut Fire Prevention Codes, including relevant Connecticut amendments and NFPA Standards. *Nicholas DeLia, Retired Fire Chief, Fire Marshal and Deputy Emergency Manager, City of Groton Fire Department*

Commercial Code Series:

Energy Conservation Code and Building Exteriors

This seminar will focus on plan review and inspection of the building exterior and energy conservation elements of the mixed-use, multi-story Commercial Series' structure.

Session 1: Plan Review and Compliance Submissions

This session will include instruction in the plan review process for energy conservation related to building exterior components in the 2018 Connecticut State Building Code.

Session 2: Establishing Inspection Checklists during Plan Review

This session will incorporate the details of the plan review within the provided documents for compliance with the IECC.

Session 3: Inspection of

Building Exteriors and Energy Code Compliance

This session will review the inspection process and commissioning of commercial buildings to verify code compliance including the IECC portion of the 2018 Connecticut State Building Code. *Frederick F. Wajcs, PE, Energy Code Consultant*

October

Commercial Code Series: Structural

This seminar will focus on plan review and inspections associated with IBC structural code compliance referencing the Commercial Series' structure.

Session 1: Plan Review and Compliance Submissions

This session will include instruction on the plan review process of structural building components within the provided documents for compliance with the IBC portion of the 2018 Connecticut State Building Code.

Session 2: Establishing Inspection Checklists during Plan Review

This session will incorporate the details of the plan review into the establishment of the inspection checklist for the planned commercial and residential portions of the building.

Session 3: Inspection of Building Structural Elements

This session will include the inspection of building structural elements for the planned commercial and residential portions of the building to verify code compliance. *Thomas A. DiBlasi, PE, SECB, DiBlasi Associates, P.C.*

NFPA 58 - Liquefied Propane Gas Code

This seminar series will enable the attendee to identify and apply the code provisions pertaining to containers, piping, and associated equipment when using LP-Gas as a fuel gas in a building. Attendees will acquire the knowledge and skills to conduct compliance inspections of new and existing installations via classroom instruction using lecture and visual aids.

Session 1: Introduction to NFPA 58 and LP Gas Properties

This session will cover the legal path to access and the organization of NFPA 58 along with the basic properties of LP Gas.

Session 2: Storage, Handling and Transportation Requirements

This session will cover how to locate and apply the applicable requirements for container locations and gas piping systems.

Session 3: Use of Liquified Petroleum Gas and Installation Issues

The third session will cover how to locate and apply the applicable requirements for gas utilizing equipment and venting systems. *Joseph H. Versteeg, Principal, Versteeg Associates, LLC, Code Compliance & Life Safety Specialists*

November

National Electrical Code Workshop Series

This electrical seminar series will cover services up to 400 amp, sizing of conductors for feeders and branch circuits and grounding services and detached buildings.

Session 1: Residential Electrical Services

This session will cover service point of connection, entrance conductors, overhead and underground clearances, label requirements and panel-board locations.

Session 2: Sizing Wire Conductors

This session will cover conductor sizing, feeder demands, comparison of aluminum to copper, circuit ratings, appliances and specific equipment.

Session 3: Bonding and Grounding

This session will cover grounding services and detached buildings including ground wire size, connections, grounding methods and electrode types. *Salvatore Cenatiempo, Continuing Electrical Needs Association, LLC*

Conducting a Systematic Examination of the Fire Scene

Session 1: Exterior Examination

This session will cover that an inspection of the entire perimeter of the structure may reveal the extent and location of damage and may help determine the size and complexity of the scene.

Session 2: Interior Examination

This session will cover that an investigator should examine all rooms and other areas that may be relevant to the investigation, including those areas that are fire damaged and those that are not fire damaged, moving from areas of least damage towards areas of greatest damage.

Session 3: Identifying Area of Origin

This session will show that by identifying the area of origin using a systematic approach, moving from exterior to interior and areas of least amount of damage to areas of greatest amount of damage, the area of origin can typically be identified. **Detective Paul G. Makuc #885, Connecticut State Police Fire & Explosion Investigation Unit**

December

Means of Egress

This seminar series will cover means of egress as a system, the sizing of egress components, travel distance and remoteness along with complications.

Session 1: Means of Egress as a System

This session will focus on the three parts of the means of egress and discuss how they interact to provide a safe egress route from any point in a building to an area of safety outside of the building.

Session 2: Sizing of Egress

Components, Travel Distance and Remoteness

This session will focus on sizing egress components as a result of the minimum sizing as a result of the prescriptive code requirements and as a result of the required exit capacity.

Session 3: Means of Egress Complications

This session will address the unique egress arrangements in existing buildings and in new construction that confront fire marshals on a routine basis along with answers to questions including the impact a horizontal exit may have on the egress system, means of egress to travel across a roof and

exit discharge on to adjoining properties. **Michael Sinsigalli, Assistant Fire Chief/Fire Marshal, West Hartford Fire Department Fire Marshal's Office**

Top 10 Things You Really Want to Know – Residential Energy Code

This seminar series clarifies those elements of the Connecticut Energy Code that every code official needs to enforce in the overall context of the Code.

Session 1: Top 10 Things – Part 1: Energy Conservation

This session will cover five primary subjects that relate to Energy Code enforcement. Starting with why the Energy Code is a Life/Health/Safety code, this session will address whole-house air leakage, visual inspections and testing along with how to make it easier for inspectors and builders. The session will move from whole-house to duct leakage and testing through HVAC equipment sizing—Manual J, S & D, and how to check for prescriptive compliance.

Session 2: Top 10 Things – Part 2: Building Systems

This session will continue with the next five subjects covering REScheck™; energy rating index; performance compliance; high-efficiency lighting; existing buildings – enforcing Chapter 5 and the Energy Code for additions, remodeling and repairs; introduce residential ventilation and conclude with tools that OEMD has developed for your use –Checklists, Desk Guides, etc.

Session 3: Residential Ventilation

The third session will address the misunderstood requirements for whole-house mechanical ventilation in the Connecticut Energy and Residential Codes. The salient sections of both codes will be reviewed. **Michael C. DeWein, North Branch Services**

Fall 2020 Career Development Online

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 both the morning and evening sessions. She will also forward a sheet with technical tips for working with Blackboard Collaborate, OEMD's video conferencing software.

On the Day of Training

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

If you attended OEMD 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.