



2015

FALL

September—December

**REVISION: VENUE CHANGE ONLY**

Rescheduled Training Facilities are in Blue

Version 2A

**Career Development Schedule**

**Registration Form Fall 2015 Career Development**

ETC Card ID Number \_\_\_\_\_  
Issued by DAS/Office of Education and Data Management (if applicable)

Name \_\_\_\_\_

Mailing Address \_\_\_\_\_

Daytime Phone \_\_\_\_\_ Email \_\_\_\_\_

**Register by email, fax or US Mail**

**Email:** OEDM@ct.gov  
Subject: Career Development

**Fax:** 860.713.7426

**Mail:** DAS, Division of Construction Services  
OEDM Career Development  
165 Capitol Avenue, Room 431  
Hartford, CT 06106

**CONFIRMATION OF RECEIPT WILL NOT BE SENT**

*Please CHECK your course selections below. Send ONLY this page. Class locations found on the seminar schedule.*

**Classes for Building and Fire Officials, and Design and Trade Professionals**

9/2 am <input type="checkbox"/> 9/2 pm <input type="checkbox"/> 9/3 <input type="checkbox"/> 9/29 <input type="checkbox"/> 9/30 am <input type="checkbox"/> 9/30 pm <input type="checkbox"/>	2010 NFPA 72: National Fire Alarm and Signaling Code Overview
9/9 <input type="checkbox"/> 9/14 <input type="checkbox"/> 9/16 <input type="checkbox"/> 9/21 <input type="checkbox"/> 9/28 <input type="checkbox"/>	Understanding Residential HVAC Equipment Sizing
10/5 <input type="checkbox"/> 10/19 <input type="checkbox"/> 10/20 <input type="checkbox"/> 10/21 <input type="checkbox"/> 10/22 <input type="checkbox"/>	NFPA 1 and the New Connecticut Supplement
10/8 <input type="checkbox"/> 10/14 <input type="checkbox"/> 10/26 <input type="checkbox"/> 10/27 <input type="checkbox"/> 10/28 <input type="checkbox"/>	Solar PV Systems
11/4 <input type="checkbox"/> 11/5 <input type="checkbox"/> 11/9 <input type="checkbox"/> 11/12 <input type="checkbox"/> 11/30 <input type="checkbox"/>	2012 IBC Code Changes Chapters 1—10
11/16 am <input type="checkbox"/> 11/16 pm <input type="checkbox"/> 11/17 am <input type="checkbox"/> 11/17 pm <input type="checkbox"/> 11/18 <input type="checkbox"/>	Fire Resistant Construction and UL Resources for Code Officials
12/1 <input type="checkbox"/> 12/3 <input type="checkbox"/> 12/7 <input type="checkbox"/> 12/10 <input type="checkbox"/> 12/15 <input type="checkbox"/> 12/17 <input type="checkbox"/>	Fire Investigators and Detectives Working to Build an Arson Case
12/2 <input type="checkbox"/> 12/9am <input type="checkbox"/> 12/9pm <input type="checkbox"/> 12/14 <input type="checkbox"/> 12/16 <input type="checkbox"/>	Fire Protection Requirements and Features per the 2012 IRC

**Fall 2015 Career Development Schedule**

2010 NFPA 72 : National Fire Alarm and Signaling Code Overview / Roger Reiswig (3 hours)			Fire
W, September 2	9 am—noon	Gardner Lake Fire Department, 429 Old Colchester Road, Salem	
W, September 2	6 pm—9 pm	Willington Hill Fire Department, 24 Old Farms Road, Willington	
Th, September 3	9 am—noon	East Hartford Community Center, 50 Chapman Street, East Hartford	
T, September 29	6 pm—9 pm	Coe Park Civic Center, 101 Litchfield Street, Torrington	
W, September 30	9 am—noon	RD Scinto Corporation, 3 Corporate Drive, Shelton	
W, September 30	6 pm—9 pm	Haddam Fire Department, Station 1, 439 Saybrook Road, Higganum	
Understanding Residential HVAC Equipment Sizing / Buck Taylor (3 hours)			Building
W, September 9	9 am—noon	Gardner Lake Fire Department, 429 Old Colchester Road, Salem	
M, September 14	6 pm—9 pm	Plumbers & Pipefitters Local 777, 450 Murdock Avenue, Meriden	
W, September 16	9 am—noon	RD Scinto Corporation, 3 Corporate Drive, Shelton	
M, September 21	9 am—noon	Department of Transportation Headquarters (DOT), 2800 Berlin Turnpike, Newington	
M, September 28	9 am—noon	Branford Fire Department, 45 North Main Street, Branford	

**Fall 2015 Career Development Schedule *continued***

<b>NFPA 1 And The New Connecticut Supplement / Steven Sawyer and Joe Kingston (6 hours)</b>			<b>Fire</b>
M, October 5	9 am—4 pm	RD Scinto Corporation, 3 Corporate Drive, Shelton	
M, October 19	9 am—4 pm	East Hartford Community Center, 50 Chapman Street, East Hartford	
T, October 20	9 am—4 pm	Katharine Hepburn Cultural Center, 300 Main Street, Old Saybrook	
W, October 21	6 pm—9 pm	Haddam Volunteer Fire Department, Station 1, 439 Saybrook Road, Higganum	
Th, October 22	6 pm—9 pm	Haddam Volunteer Fire Department, Station 1, 439 Saybrook Road, Higganum	
<b>Solar PV Systems / Fred Mertz (3 hours)</b>			<b>Building</b>
<b>Th, October 8</b>	<b>9 am—noon</b>	<b>East Hartford Community Center, 50 Chapman Street, East Hartford</b>	
W, October 14	9 am—noon	RD Scinto Corporation, 3 Corporate Drive, Shelton	
M, October 26	9 am—noon	Gardner Lake Volunteer Fire Company, 429 Old Colchester Road, Salem	
T, October 27	6 pm—9 pm	South District Fire Department, 445 Randolph Road, Middletown	
W, October 28	9 am—noon	Branford Fire Department, 45 North Main Street, Branford	
<b>2012 IBC Code Changes Chapters 1 10 / Don Vigneau (3 hours)</b>			<b>Both</b>
W, November 4	6 pm—9 pm	Woodbury Fire Department, 25 Quassuk Road, Woodbury, CT	
Th, November 5	6 pm—9 pm	Mansfield Fire Department, Station 107, 879 Stafford Road, Mansfield	
<b>M, November 9</b>	<b>9 am—noon</b>	<b>East Hartford Community Center, 50 Chapman Street, East Hartford</b>	
Th, November 12	9 am—noon	Gardner Lake Fire Department, 429 Old Colchester Road, Salem	
M, November 30	9 am—noon	RD Scinto Corporation, 3 Corporate Drive, Shelton	
<b>Fire Resistant Construction and UL Resources for Code Officials / Bruce Johnson (3 hours)</b>			<b>Both</b>
<b>M, November 16</b>	<b>9 am—noon</b>	<b>East Hartford Community Center, 50 Chapman Street, East Hartford</b>	
<b>M, November 16</b>	<b>6 pm—9 pm</b>	<b>Southbury Training School, 1461 South Britain Road, Southbury</b>	
T, November 17	9 am—noon	Gardner Lake Fire Department, 429 Old Colchester Road, Salem	
T, November 17	6 pm—9 pm	Branford Fire Department, 45 North Main Street, Branford	
W, November 18	9 am—noon	RD Scinto Corporation, 3 Corporate Drive, Shelton	
<b>Fire Investigators and Detectives Working to Build an Arson Case / Wayne Opdenbrouw, John Sawyer and Jacob Manke (3 hours)</b>			<b>Fire</b>
T, December 1	9 am—noon	Gardner Lake Fire Department, 429 Old Colchester Road, Salem	
Th, December 3	6 pm—9 pm	<b>Torrington City Hall (Auditorium-second floor), 140 Main Street, Torrington</b>	
M, December 7	9 am—noon	RD Scinto Corporation, 3 Corporate Drive, Shelton	
Th, December 10	6 pm—9 pm	Haddam Fire Department, Station 1, 439 Saybrook Road, Higganum	
T, December 15	9 am—noon	East Hartford Community Center, 50 Chapman Street, East Hartford	
Th, December 17	6 pm—9 pm	Mansfield Fire Department, Station 107, 879 Stafford Road, Mansfield	
<b>Fire Protection Requirements and Features per the 2012 IRC / Jim Quish (3 hours)</b>			<b>Both</b>
W, December 2	6 pm—9 pm	South District Fire Department, 445 Randolph Road, Middletown	
W, December 9	9 am—noon	Gardner Lake Fire Department, 429 Old Colchester Road, Salem	
W, December 9	6 pm—9 pm	Mansfield Fire Department, Station 107, 879 Stafford Road, Mansfield	
<b>M, December 14</b>	<b>9 am—noon</b>	<b>East Hartford Community Center, 50 Chapman Street, East Hartford</b>	
W, December 16	9 am—noon	RD Scinto Corporation, 3 Corporate Drive, Shelton	

**September**

**2010 NFPA 72: National Fire Alarm and Signaling Code Overview**

This session will provide an overview of the major changes in the 2010 edition of NFPA 72: National Fire Alarm and Signaling Code, including changes and revisions that reflect the latest industry developments and technological advances related to installation, testing and maintenance. Topics covered will include the new code layout; circuits and pathways; Annexes and how they work in conjunction with the body of the code; inspection, testing and maintenance procedures; and new requirements for emergency radio communication systems and smoke detectors. *Roger Reiswig, Director, Industry Relations, Tyco Fire Protection Products*

**Understanding Residential HVAC Equipment Sizing**

This seminar will provide a basic overview of the Air Conditioning Contractors of America (ACCA) Manual S standard referenced by recent International Energy Conservation Code (IECC) models. Residential HVAC equipment sizing, along with code requirements for Manual S: the basic design, load considerations, field inspection, available software packages for mechanical contractors and appropriate compliance documentation will be covered. *Buck Taylor, Vice President, Roltay Inc. Energy Services*

**October**

**NFPA 1 and the New Connecticut Supplement**

This six-hour seminar will cover the administrative portions of the current and proposed State Fire Prevention and State Safety Codes, along with the relevant sections of Chapter 541 of the General Statutes. Topics will include scope and applicability, the AHJ, modifications, abatement/penalty, inspections and documentation. Also discussed will be referenced publications and some general requirements of the Codes. *Steven Sawyer, Fire Code Regional Director, IFMA Executive Secretary, NFPA and Joe Kingston, Office of State Fire Marshal, DAS*

**Solar PV Systems**

This seminar will cover Articles 690 and 705 of the 2014 National Electrical Code (NEC), and will focus on the skills required to inspect residential rooftop and ground mount Photovoltaic (PV) systems. Much of the seminar will be devoted to the various interconnection scenarios often encountered in this type of installation. Other areas covered will include grounding and bonding, conductor ampacity adjustment, and conduit fill. Article 110, Requirements for Electrical Installations, and Article 240, Overcurrent Protection, will also be covered. Questions are encouraged. Please bring a note pad to class. *Fred Mertz, ICC Certified Electrical Inspector and Co-owner, IQ Electrical Training*

*Educational programs are made possible through the Code Training and Education Fund. Revenue for the fund comes from assessments on building permits.*

**November**

**2012 IBC Code Changes Chapters 1— 10**

This seminar will review newly added IBC requirements and significant changes to existing provisions, principally with respect to the following Chapters: Definitions [2]; Special Use and Occupancy [4]; Height and Area/Construction Types [5,6]; Fire and Smoke Protection and Systems [7,9]; and Means of Egress [10]. Changes in Connecticut Administrative Provisions will also be included. Basic principles and important concepts underlying these requirements will be discussed, along with the tools available to resolve compliance issues.” *Don Vigneau, Principal, Donald J Vigneau, AIA*

**Fire Resistant Construction and UL Resources for Code Officials**

This seminar will provide an overview of the 2012 International Building Code (IBC) Chapter 7 requirements for fire resistance construction, including fire-resistant assemblies, fire-protection ratings for openings and fire stopping requirements. Tips for conducting plan review and field inspections to ensure code compliance with IBC Chapter 7 will be presented. Also included will be an overview of the UL Code Authorities Home Page featuring resources for building and fire code officials to determine product and building component compliance with the IBC requirements. *Bruce E. Johnson, Senior Regulatory Engineer, Codes and Advisory Services Department, UL, LLC*

**December**

**Fire Investigators and Detectives Working to Build an Arson Case**

This seminar will cover practices and procedures used in the Team Concept of Fire investigation that lead to productive investigations and successful Arson cases. Content will be based on recent experience with Fire Investigations conducted cooperatively with local Fire Marshals, Police Departments and the Connecticut State Police (CSP) Fire and Explosion Investigation Unit. *Wayne Opdenbrouw and John Sawyer, Detectives, CSP Fire and Explosion Investigation Unit, DESPP, and Jacob Manke, Fire Marshal, City of Norwich*

**Fire Protection Requirements and Features per the 2012 IRC**

This seminar will provide an overview of the fire protection requirements specific to one and two family residential structures. Topics will include MOE requirements, active protection equipment, passive protection features, and the many discreet Code requirements related to fire safety and fire mitigation. Fire Officials will gain appreciation for the fire protection role assumed by the Building Official. Building Officials will appreciate the importance of fire protection provisions located throughout the 2012 Residential portion of the State Building Code. *James Quish, Trainer, Office of Education and Data Management, DAS*

**Participants are responsible for printing handouts from our website and bringing them to class, along with the appropriate code books. No printed handouts will be provided.**

**Handouts**

[www.ct.gov/dcs](http://www.ct.gov/dcs)

- Education and Data Management

Handouts

Class handouts will be emailed with your confirmation message one week prior to the seminar.

**Directions**

[www.ct.gov/dcs](http://www.ct.gov/dcs)

- Education and Data Management

Directions

**Code Books**



This icon next to the class title indicates that the instructor has requested participants to bring code books to the seminar. While OEDM encourages participants to bring appropriate code books to all training sessions, the identified classes have been developed with the intent that participants will reference code books in class.

**Class Changes and Cancellations**

The Office of Education and Data Management reserves the right to change any class date or location as necessary.

**Training Schedule Updates**

If you are registered for a class, you will receive an email notifying you of any change in date or location based on the instructor or the facility. You can also check our website at:

[www.ct.gov/dcs](http://www.ct.gov/dcs)

- Education and Data Management

Schedule

**Weather Cancellations or Delays**

[www.ct.gov/dcs](http://www.ct.gov/dcs)

- Office of Education and Data Management

Notifications will be posted by 6 a.m. for morning classes, and by 2 p.m. for evening classes.

Cancellation or delay information will also be broadcast at:

- Radio: WTIC-AM News Talk (1080)
- TV: WFSB Channel 3 Eyewitness News

**Acknowledgements**

The Office of Education and Data Management would like to thank our volunteer instructors who donate their expertise, time and travel on behalf of a safer Connecticut, as well as our host facilities for donating their training space or charging a nominal fee.

**Training Locations**

The Office of Education and Data Management has added several larger training venues in response to the increased attendance at our career development classes. Directions are on our website.

**Parking and Classroom Information**

**Branford Fire Department**

Parking is available in the large lot adjacent to the building. Enter through the main entrance on the Route 1 side of the building (near the flag pole). All classes will be held in the second floor training room. The elevator is located directly behind the stairs.

**Coe Park Civic Center**

Parking is available across the street from Coe Park Civic Center in the plaza on South Main Street.

**Department of Transportation Headquarters (DOT)**

Parking is available to the rear of the building (away from the street) in the **Visitor Parking** areas on either side of the entrance, or in **Row 15, Visitor Parking**, of the parking lot behind the Bus Kiosk. Parking is also available in the **Commuter Parking Lot** to the south of the building (Walgreen’s side). All classes will be held in Conference Rooms A and B on the first floor to the left of the security desk. **All students must register at the security desk to get a DOT Visitor badge in addition to signing the OEDM attendance sheet.**

**Gardner Lake Volunteer Fire Company**

Parking is available in the lot in front of the building and on the grass on either side of the building. **There is absolutely no parking in front of any rollup doors or entrance to the helicopter pad at the North end of the parking lot.**

**Haddam Fire Department, Station 1**

Parking is available in the two parking lots (on two levels) to the right of the building. **There is absolutely no parking in front of the firehouse truck bays.**

**RD Scinto**

Parking is available in **Parking Garage 2**, which is located at the second right on Corporate Drive (first garage on right). Class will be held in the first-floor auditorium of Corporate 3 (which is the first building on the left on Corporate Drive, across from parking garage). **Do not park in the spaces reserved for Bright Horizons daycare in front of Corporate 3.**