

# 2015

January — June

# SPRING

## Career Development Schedule



### Registration Form—Spring 2015 Career Development

**CONFIRMATION OF RECEIPT WILL NOT BE SENT**

Please send **ONLY** this page with selections checked.

**We accept email, fax and mail registrations**

ETC Card ID Number \_\_\_\_\_

*Issued by DCS/Office of Education and Data Management (if applicable)*

**Email:**

oedm@ct.gov

Subject: CD Registration

Name \_\_\_\_\_

**Fax:**

860.713.7426

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

**Mail:**

DAS/OEDM

165 Capitol Avenue, Room 431  
Hartford, CT 06106

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

*Please CHECK your course selections below. Class locations found on the seminar schedule.*


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

1/12 <input type="checkbox"/>	1/14 <input type="checkbox"/>	1/21 <input type="checkbox"/>	1/26 <input type="checkbox"/>	1/28 <input type="checkbox"/>	Residential Swimming Pools and the 2012 IRC and ISPSC	
1/13 <input type="checkbox"/>	1/15 <input type="checkbox"/>	1/20 <input type="checkbox"/>	1/22 <input type="checkbox"/>	1/27 <input type="checkbox"/>	Identification and Classification of Hazardous Occupancies	
2/2 <input type="checkbox"/>	2/5 <input type="checkbox"/>	2/18 <input type="checkbox"/>	2/23 <input type="checkbox"/>	2/26 <input type="checkbox"/>	The New Fuel Gas Code	
2/3 <input type="checkbox"/>	2/9 <input type="checkbox"/>	2/10 <input type="checkbox"/>	2/11 <input type="checkbox"/>	2/12 <input type="checkbox"/>	Overview of Changes to the IBC (2 of 3)	
3/3 <input type="checkbox"/>	3/5 <input type="checkbox"/>	3/12 <input type="checkbox"/>	3/17 <input type="checkbox"/>	3/24 <input type="checkbox"/>	3/26 <input type="checkbox"/>	Fireworks and Special Effects Regulations and Inspections
3/4 <input type="checkbox"/>	3/10 <input type="checkbox"/>	3/16 <input type="checkbox"/>	3/18 <input type="checkbox"/>	3/23 <input type="checkbox"/>	Wood Trusses: Theory, Practice and Problems	
4/1 <input type="checkbox"/>	4/6 <input type="checkbox"/>	4/15 <input type="checkbox"/>	4/22 <input type="checkbox"/>	4/29 <input type="checkbox"/>	Fire Resistance Rated Construction	
4/2 <input type="checkbox"/>	4/7 <input type="checkbox"/>	4/9 <input type="checkbox"/>	4/13 <input type="checkbox"/>	4/21 <input type="checkbox"/>	HVAC: New Systems and the New Codes	
5/4 <input type="checkbox"/>	5/7 <input type="checkbox"/>	5/11 <input type="checkbox"/>	5/18 <input type="checkbox"/>	5/27 <input type="checkbox"/>	Emergency Power Systems for Life Safety	
5/13 <input type="checkbox"/>	5/14 <input type="checkbox"/>	5/19 <input type="checkbox"/>	5/20 <input type="checkbox"/>	5/21 <input type="checkbox"/>	5/28 <input type="checkbox"/>	Evaluating Fire Protection Systems
6/1 <input type="checkbox"/>	6/3 <input type="checkbox"/>	6/15 <input type="checkbox"/>	6/24 <input type="checkbox"/>	6/25 <input type="checkbox"/>	2012 IECC Compliance Documentation	
6/2 <input type="checkbox"/>	6/4 <input type="checkbox"/>	6/11 <input type="checkbox"/>	6/16 <input type="checkbox"/>	6/17 <input type="checkbox"/>	6/22 <input type="checkbox"/>	Existing Residential Board and Care

#### Spring 2015 Career Development Schedule


Residential Swimming Pools and the 2012 IRC and ISPSC / Greg Grew (3 hours)			Building
M, January 12	9:30 am—12:30	Fairfield University, 1073 North Benson Rd., Barone Campus Ctr./Oak Room, Fairfield	
W, January 14	9 am—noon	Woodbury Fire Department (Emergency Services), 25 Quassuk Road, Woodbury	
W, January 21	9 am—noon	Plumbers & Pipefitters Local 777 Training Facility, 450 Murdock Avenue, Meriden	
M, January 26	6 pm—9 pm	Middlebury Fire Department, 65 Tucker Hill Road, Middlebury	
W, January 28	9 am—noon	East Hartford Community Center, 50 Chapman Street, East Hartford	
Identification and Classification of Hazardous Occupancies / Joe Versteeg (3 hours)			Both
Tu, January 13	6 pm—9 pm	Eastern CT Fire School, Firemen's' Road (Lafayette Street), Willimantic	
Th, January 15	6 pm—9 pm	Watertown Fire Department, 935 Main Street, Watertown	
Tu, January 20	9 am—noon	CCSU, Student Center, Alumni Hall, 1615 Stanley Street, New Britain	
Th, January 22	9 am—noon	Woodbridge Fire Station, 100 Center Road, Woodbridge	
Tu, January 27	9 am—noon	Flanders Fish Market, 22 Chesterfield Road, East Lyme	

## Spring 2015 Career Development Schedule *continued*

<b>The New Fuel Gas Code (3 hours) / John Doucette and John Tye</b>			<b>Both</b>
M, February 2	9 am—noon	CCSU, Student Center, Alumni Hall, 1615 Stanley Street, New Britain	
Th, February 5	9 am—noon	Flanders Fish Market, 22 Chesterfield Road, East Lyme	
W, February 18	6 pm—9 pm	Eastern CT Fire School, Firemen's' Road (Lafayette Street), Willimantic	
M, February 23	9 am—noon	Woodbridge Fire Station, 100 Center Road, Woodbridge	
Th, February 26	6 pm—9 pm	Watertown Fire Department, 935 Main Street, Watertown	
<b>Overview of Changes to the IBC (2 of 3) / Mark Tebbets (3 hours) </b>			<b>Building</b>
Tu, February 3	9 am—noon	UConn/WHFD, 1800 Asylum Avenue, West Hartford (Zach's Community Room)	
M, February 9	9 am—noon	Colchester Town Hall, 127 Norwich Avenue, Colchester	
Tu, February 10	6 pm—9 pm	South District Fire Department, 445 Randolph Road, Middletown	
W, February 11	9 am—noon	Fairfield University, 1073 North Benson Rd., Barone Campus Ctr./Oak Room, Fairfield	
Th, February 12	9 am—noon	Middlebury Fire Department, 65 Tucker Hill Road, Middlebury	
<b>Fireworks and Special Effects Regulations and Inspections/ Paul Makuc and Joseph Lombardi (3 hours)</b>			<b>Fire</b>
Tu, March 3	9 am—noon	Blue Hills Fire Department, 1021 Blue Hills Avenue, Bloomfield	
Th, March 5	9 am—noon	Camp Niantic, RTI/Nett Hall, Smith Street, Niantic	
Th, March 12	6 pm—9 pm	Eastern CT Fire School, Firemen's' Road (Lafayette Street), Willimantic	
Tu, March 17	6 pm—9 pm	Guilford Public Safety Complex, 390 Church Street, Guilford	
Tu, March 24	9 am—noon	Turn of the River Fire Department, 268 Turn of the River Road, Stamford	
Th, March 26	6 pm—9 pm	Watertown Fire Department, 935 Main Street, Watertown	
<b>Wood Trusses: Theory, Practice and Problems / Tom DiBlasi (3 hours)</b>			<b>Building</b>
W, March 4	9 am—noon	Woodbridge Fire Station, 100 Center Road, Woodbridge	
Tu, March 10	6 pm—9 pm	Southbury Fire Department, 461 Main Street South, Southbury	
M, March 16	9 am—noon	Colchester Town Hall, 127 Norwich Avenue, Colchester	
W, March 18	9 am—noon	Middlebury Fire Department, 65 Tucker Hill Road, Middlebury	
M, March 23	9 am—noon	UConn/WHFD, 1800 Asylum Avenue, West Hartford (Zach's Community Room)	
<b>Fire Resistance Rated Construction / Doug Schanne (3 hours)</b>			<b>Both</b>
W, April 1	9 am—noon	Easton Fire Department, 1 Center Road, Easton	
M, April 6	9 am—noon	Camp Niantic, RTI/Nett Hall, Smith Street, Niantic	
W, April 15	9 am—noon	East Hartford Community Center, 50 Chapman Street, East Hartford	
W, April 22	6 pm—9 pm	South District Fire Department, 445 Randolph Road, Middletown	
W, April 29	6 pm—9 pm	Middlebury Fire Department, 65 Tucker Hill Road, Middlebury	
<b>HVAC: New Systems and the New Codes / Roger Stolting (3 hours)</b>			<b>Building</b>
Th, April 2	9 am—noon	Camp Niantic, RTI/Nett Hall, Smith Street, Niantic	
Tu, April 7	9 am—noon	East Hartford Community Center, 50 Chapman Street, East Hartford	
Th, April 9	9 am—noon	Woodbridge Fire Station, 100 Center Road, Woodbridge	
M, April 13	9 am—noon	Prospect Fire Department, 46 New Haven Road, Prospect	
Tu, April 21	6 pm—9 pm	South District Fire Department, 445 Randolph Road, Middletown	
<b>Emergency Power Systems for Life Safety / Earl Dean and Fred Mertz (3 hours)</b>			<b>Both</b>
M, May 4	9 am—noon	CCSU, Davidson Hall, Torp Theater, 1615 Stanley Street, New Britain	
Th, May 7	6 pm—9 pm	Watertown Fire Department, 935 Main Street, Watertown	
M, May 11	9 am—noon	Flanders Fish Market, 22 Chesterfield Road, East Lyme	
M, May 18	9 am—noon	Woodbridge Fire Station, 100 Center Road, Woodbridge	
W, May 27	6 pm—9 pm	Guilford Public Safety Complex, 390 Church Street, Guilford	
<b>Evaluating Fire Protection Systems / Iggy Kapalczynski (3 hours)</b>			<b>Fire</b>
W, May 13	6 pm—9 pm	Guilford Public Safety Complex, 390 Church Street, Guilford	
Th, May 14	9 am—noon	Woodbridge Fire Station, 100 Center Road, Woodbridge	
Tu, May 19	9 am—noon	UConn/WHFD, 1800 Asylum Avenue, West Hartford (Library Auditorium)	
W, May 20	9 am—noon	Camp Niantic, RTI/Nett Hall, Smith Street, Niantic	
Th, May 21	6 pm—9 pm	Coe Park Civic Center, 101 Litchfield Street, Torrington	
Th, May 28	6 pm—9 pm	Mansfield Fire Fighters' Association, Station 107, Route 32, Mansfield	

**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.**

## Spring 2015 Career Development Schedule *continued*

2012 IECC Compliance Documentation / Frederick Wajcs (3 hours) 		Building
M, June 1	9 am—noon	East Hartford Community Center, 50 Chapman Street, East Hartford
W, June 3	6 pm—9 pm	South District Fire Department, 445 Randolph Road, Middletown
M, June 15	9 am—noon	Woodbridge Fire Station, 100 Center Road, Woodbridge
W, June 24	9 am—noon	Bozrah Fire Department, 239 Fitchville Road, Bozrah
Th, June 25	9 am—noon	Prospect Fire Department, 46 New Haven Road, Prospect
Existing Residential Board and Care- Group Homes and Assisted Living Centers / Tim Baldwin (3 hours)		Fire
Tu, June 2	6 pm—9 pm	Woodbury (Emergency Services) Fire Department, 25 Quassuk Road, Woodbury
Th, June 4	6 pm—9 pm	Mansfield Firefighters Association, 879 Stafford Road (Route 32), Mansfield
Th, June 11	9 am—noon	Woodbridge Fire Station, 100 Center Road, Woodbridge
Tu, June 16	6 pm—9 pm	Connecticut State Veteran's Home, 287 West Street, Rocky Hill
W, June 17	9 am—noon	City of Groton Municipal Building, 295 Meridian Street, Groton
M, June 22	9 am—noon	UConn/WHFD, 1800 Asylum Avenue, West Hartford (Zach's Community Room)

## Spring 2015 Career Development Seminar Content

### January

#### Residential Swimming Pools and the 2012 IRC and ISPSC

This seminar will provide an overview of how various types of pools are constructed, requirements from the IRC and reference standards, how to review for permits, and how to inspect. The presentation will focus on the basics of pool construction, barriers, entrapment protection and standards along with reference to the 2012 IRC and ISPSC, ANSI/APSP Standards and the Virginia Graeme Baker Act. *Milton Gregory Grew, AIA, Grew Design, Inc.*

#### Identification and Classification of Hazardous Occupancies

This seminar will review the requirements for hazardous materials and “H” Use Groups within Chapter 4 of the Building Code and as referenced by the Fire Safety Code. Content will include material classification, maximum allowable quantities, control areas, construction, egress and protection requirement. *Joseph Versteeg, Fire Code Consultant, Versteeg Associates*

### February

#### The New Fuel Gas Code

The session will be an overview of the 2012 NFPA 54 National Fuel Gas Code which is proposed to be adopted January 1, 2015. Topics will include a breakdown on permits, applying the code, inspection and acceptance of installations. *John Doucette, Office of State Fire Marshal and John Tye, Office of the State Building Inspector, DAS*

#### Overview of Changes to the IBC (2 of 3)

This seminar is the second in a series of three reviews of the major changes to the 2012 International Building Code (IBC) as compared to the 2003, 2006 and 2009 IBC. Code changes will be identified, as well as the rationale behind the changes. **Please bring the 2012 IBC to class.** *Mark Tebbets, Owner, New England Code Consulting*

### March

#### Fireworks and Special Effects Regulations and Inspections

This seminar will address the Connecticut Fireworks and Special Effects Regulations. Topics covered will include the inspection of permitted fireworks and special effects displays and the investigation of fireworks related

accidents. Also included will be a review of the fireworks statutes, C.G.S. 29-357. *Paul Makuc, Detective, and Joseph Lombardi, Detective, CSP Fire & Explosion Investigation Unit*

#### Wood Trusses: Theory, Practice and Problems

Prefabricated, metal-plate-connected wood trusses are commonly specified in both residential and low-rise commercial construction. Trusses are very efficient structural assemblies; however, in order to function as intended, they must be properly restrained and braced. This presentation will cover the basics of truss theory and how to read a truss shop drawing. It will describe the importance of temporary and permanent restraint/bracing and illustrate the consequences that can result when proper restraint/bracing is not provided. Unique issues associated with gable end trusses will also be discussed. *Thomas A. DiBlasi, PE, SECB, Principal/President, DiBlasi Associates, P.C.*

### April

#### Fire Resistance Rated Construction

This seminar will review fire resistance rated construction, now titled Fire and Smoke Protection Features, under Chapter 7 of the 2012 International Building Code (IBC). These provisions govern the materials, systems and assemblies used for structural fire resistances, fire-resistance-rated construction. *Douglas Schanne, Training Program Supervisor, OEDM*

#### HVAC: New Systems and the New Codes

This seminar will provide a review of home and building ventilation requirements based on the 2012 IBC, IMC and IECC. Topics covered will include: HVAC system efficiency requirements, retrofit and new construction applications, solutions contractors will have available to meet requirements, and system performance testing. *Roger Stolting, Territory Sales Representative, EDOS Manufacturers' Reps, Inc.*

### May

#### Emergency Power Systems for Life Safety

This seminar will provide an overview of the installation requirements related to emergency power systems as required by IBC (2012) Chapter 27, 2014 NFPA70, NFPA 110, and NFPA111. The installation specifics pertinent to a Building

Official making inspection of new emergency power systems will be detailed, and the Fire Code/Building Code performance parameters in relation to the life safety systems which are required to continuously maintain electrical power will be explained. Presenters will provide details of the Fire Code Inspector's responsibilities in ensuring that emergency power system maintenance is conducted and properly documented per the State Fire Prevention Code. *Earl Dean, ICC certified Master Code Professional and Fred Mertz, ICC certified Electrical Inspector, IQ Electrical Training.*

**Evaluating Fire Protection Systems: Acceptance, Maintenance, Testing and Inspection**

From commissioning through system lifetime, strategies for evaluating the function and reliability of fire protection systems by the code official will be presented. Material will be based on 2012 NFPA 72, 96, 13, 14, 20, 25 & CSFSC. Participants are invited to submit their experiences of particular challenges to the presenter by email: [800.iggyk@gmail.com](mailto:800.iggyk@gmail.com) to be shared as part of the presentation. *Iggy Kapalczynski, former Fire and Life Safety Specialist, OSFM, DCS*

**June**

**2012 IECC Compliance Documentation**

The seminar will cover the approaches that designers/design professionals could take to provide documentation demon-

strating compliance with the energy code, and will cover the documentation that the building official should request so that compliance with the energy code can be verified, including the documentation required for a building permit or Certificate of Occupancy. The focus will be on the 2012 International Energy Conservation Code (IECC), but the process also applies to the 2009 IECC. Complete and accurate compliance documentation will support Connecticut's goal of achieving 90 percent compliance with the energy code. **Please bring the 2012 IECC to class.** *Fred Wajcs, PE, Energy Code Consultant*

**Existing Residential Board and Care—Group Homes and Assisted Living Centers**

This seminar will provide a review of the code requirements and decision-making responsibilities for determining occupancy classifications for group homes and assisted living facilities. Residential Board and Care Sections of the 2012 Life Safety Code and amendments, and the State Fire Prevention Code, will be presented. A discussion about the Department of Developmental Services' programs for group homes that are affiliated with their agency will be included. *Timothy Baldwin, Fire Chief, Connecticut Department of Developmental Services, STS Fire Department; Deputy Fire Marshal, Towns of Southbury and Middlebury.*

**If you have questions, call OEDM at 860-713-5522**

Spring 2015 Career Development General Information

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

Visit our web page for **handouts, directions** to training facilities and **updates** to our training **schedule**.

No handouts will be distributed. Students must print handouts from our website, or print the attachment to the confirmation email.

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

- Education and Data Management
- Continuing Education
- Career Development
- see Schedule
- see Directions
- see Handouts

**Accurate Email Required**

To get confirmations, handouts and cancellations via email, make sure you haven't blocked [dschance@list.state.ct.us](mailto:dschance@list.state.ct.us) and/or [@ct.gov](mailto:@ct.gov) domain on your computer; and send your current email address to: [oedm@ct.gov](mailto:oedm@ct.gov)

- Subject Line—Email
- ETC ID Number
- Old Email Address
- New Email Address
- Indicate: Building, Fire, Both or Other

**Class Changes and Cancellations**

OEDM reserves the right to change any

class date or location as necessary. If you're registered, you will be notified of cancellations or changes to the training date or site. Changes and cancellations will also be posted at [www.ct.gov/dcs](http://www.ct.gov/dcs) Education and Data Management.

**Weather Cancellations or Delays**  
Watch for "DAS OEDM Programs" cancellation or delay information at:

- WFSB TV Channel 3 CBS
- WTNH TV Channel 8 ABC
- WVIT TV Channel 30 NBC
- WTIC TV Channel 61 Fox

**Code Books**



The instructor recommends students bring code books to class.

**Acknowledgements**

The Office of Education and Data Management would like to thank our volunteer instructors and host facilities who donate their support toward a safer Connecticut.

**Parking Information**

**Central Connecticut State University (CCSU)**

**Alumni Hall:** In Student Center (building adjacent to parking lot). Park in the Student Center garage or parking lot.

**Torp Theater:** In Davidson Hall (building with white dome). Park in the Welte Garage.

**Coe Park Civic Center**

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

**Colchester Town Hall**

Park in side lots only. Overflow parking in the lot behind Congregation Ahavath Achim on Lebanon Avenue.

**Groton Municipal Building**

Do not park next to the sidewalk in front of the building.

**Fairfield University**

Class will be held in the Barone Campus Center—Oak Room, 3rd floor. Enter campus via the Main Gate located on North Benson Road. Park behind Alumni Hall.

**Southbury Fire Department**

Park behind the firehouse, or in the Town Hall parking lot next door.

**UConn/West Hartford**

Park in the Visitor's Parking lot across the street from the campus.

**Woodbridge Fire Department**

Park in the fire house parking lot, or across the street at the old fire station.

*Educational programs are made possible through the Code Training and Education Fund.*