



2013

January — June

# SPRING

## Career Development Schedule

### Registration Form—Spring 2013 Career Development

We accept email, fax and mail registrations

**Email:** beth.potts@ct.gov  
**Fax:** 860.685.8611  
**Mail:** Department of Construction Services  
 OEDM Career Development, 3-C  
 1111 Country Club Road  
 Middletown, CT 06457

**CONFIRMATION OF RECEIPT WILL NOT BE SENT**  
 Please send ONLY this page with selections circled

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

Name \_\_\_\_\_

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

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

**\*** Indicates classes that are full. No new registrations will be accepted. Walk-Ins are discouraged. If you would like to switch classes, email Beth at beth.potts@ct.gov

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

Classes for Building and Fire Officials, and Design and Trade Professionals						
1/8	1/10	1/15	1/17	1/23	1/24	Gas and Vacuum Systems: 2002 NFPA 99-C
	1/8	1/15	1/22	1/30		Residential Water and Sprinklers: 2009 IRC Chapter 29
2/5	2/6	2/7	2/13	2/14	2/21	Solving Means of Egress Challenges in Specific Occupancies
	2/19	2/22	2/26	2/28		Public Health Regulations for Local Building Officials
3/5	3/7	3/12	3/14	3/19		Active Fire Protection Systems
	3/7	3/13	3/15	3/20	3/26	Change of Occupancy in Existing Structures
	4/4	4/8	4/9	4/25		Overview of Structural Design: 2003 IBC Chapter 16
4/10	4/11	4/16	4/18	4/24	4/25	Fire Investigation and Code Issues as Contributing Factors
5/2	5/7	5/9	5/22	5/23	5/30	Passive Fire Protection Standards
	5/10	5/14	5/21	5/28		Introduction to the 2011 National Electrical Code
5/21	5/30	6/6AM	6/6PM	6/12	6/13	Operational Maintenance Issues: NFPA 1
	6/4	6/18	6/25	6/27		Energy Conservation and the State Building Code

Brochure Design: Bonnie Becker  
 Schedule and Seminar Descriptions: Douglas Schanne

If you have questions, call OEDM at 860-685-8221

continued next page

## Spring 2013 Career Development Schedule

Gas and Vacuum Systems: 2002 NFPA 99-C / Frank DaCato (3 hours)			Both
Tu, January 8	6 pm—9 pm	Plumbers & Pipefitters Local 777 Training Facility, 450 Murdock Avenue, Meriden	
Th, January 10	9 am—noon	Mystic Fire District, 34 Broadway, Mystic (B.F. Hoxie Fire Station)	
Tu, January 15	6 pm—9 pm	Eastern CT Fire School, Firemen's' Road (Lafayette Street), Willimantic	
Th, January 17	9 am—noon	Plumbers & Pipefitters Local 777 Training Facility, 450 Murdock Avenue, Meriden	
W, January 23	6 pm—9 pm	Watertown Fire Department, 935 Main Street, Watertown	1/22 class now 1/23
Th, January 24	9:30 am—12:30 pm	Fairfield U., 1073 North Benson Road, Fairfield/Barone Campus Center, Oak Room	
Residential Water and Sprinklers: 2009 IRC Chapter 29 / James Quish (3 hours)			Building
Tu, January 8	9 am—noon	Colchester Town Hall, 127 Norwich Avenue, Colchester	
Tu, January 15	9 am—noon	Woodbridge Fire Department, 100 Center Road, Woodbridge	
Tu, January 22	9 am—noon	Plumbers & Pipefitters Local 777 Training Facility, 450 Murdock Avenue, Meriden	
W, January 30	9 am—noon	East Hartford Community Center, 50 Chapman Street, East Hartford	
Solving Means of Egress Challenges in Specific Occupancies / Douglas Schanne (3 hours)			Both
Tu, February 5	9 am—noon	CCSU, Davidson Hall, Torp Theater, 1615 Stanley Street, New Britain	
W, February 6	6 pm—9 pm	Guilford Public Safety Complex, 390 Church Street, Guilford	
Th, February 7	6 pm—9 pm	Mansfield Fire Fighters' Association, Station 107, Route 32, Mansfield	
W, February 13	9 am—noon	Woodbridge Fire Department, 100 Center Road, Woodbridge	✖
Th, February 14	9 am—noon	Preston City Fire Department, 452 Connecticut 164, Preston City	✖
Th, February 21	6 pm—9 pm	Coe Park Civic Center, 101 Litchfield Street, Torrington	
Public Health Regulations for Local Building Officials / Kimberly Ploszaj (3 hours)			Building
Tu, February 19	9 am—noon	Guilford Public Safety Complex, 390 Church Street, Guilford	
Fri, February 22	9 am—noon	East Hartford Community Center, 50 Chapman Street, East Hartford	
Tu, February 26	9 am—noon	Woodbridge Fire Department, 100 Center Road, Woodbridge	✖
Th, February 28	9 am—noon	Plumbers & Pipefitters Local 777 Training Facility, 450 Murdock Avenue, Meriden	
Active Fire Protection Systems / Michael Gilbertie (3 hours)			Both
Tu, March 5	9 am—noon	Mystic Fire District, 34 Broadway, Mystic (B.F. Hoxie Fire Station)	✖
Th, March 7	6 pm—9 pm	Eastern CT Fire School, Firemen's' Road (Lafayette Street), Willimantic	
Tu, March 12	9 am—noon	CCSU, Davidson Hall, Torp Theater, 1615 Stanley Street, New Britain	
Th, March 14	6 pm—9 pm	Guilford Public Safety Complex, 390 Church Street, Guilford	
Tu, March 19	9:30 am—12:30 pm	Fairfield U., 1073 North Benson Road, Fairfield/Barone Campus Center, Oak Room	
Change of Occupancy in Existing Structures / Tim York and Carlton Smith (3 hours)			Both
Th, March 7	9 am—noon	Guilford Public Safety Complex, 390 Church Street, Guilford	
W, March 13	6 pm—9 pm	Eastern CT Fire School, Firemen's' Road (Lafayette Street), Willimantic	
Fri, March 15	9 am—noon	East Hartford Community Center, 50 Chapman Street, East Hartford	
W, March 20	9 am—noon	Plumbers & Pipefitters Local 777 Training Facility, 450 Murdock Avenue, Meriden	
Tu, March 26	9:30 am—12:30 pm	Fairfield U., 1073 North Benson Road, Fairfield/Barone Campus Center, Oak Room	
Overview of Structural Design: 2003 IBC Chapter 16 / Tom DiBlasi (3 hours)			Building
Th, April 4	9 am—noon	Colchester Town Hall, 127 Norwich Avenue, Colchester	
M, April 8	9 am—noon	East Hartford Community Center, 50 Chapman Street, East Hartford	
Tu, April 9	9 am—noon	Plumbers & Pipefitters Local 777 Training Facility, 450 Murdock Avenue, Meriden	
Th, April 25	9 am—noon	Woodbridge Fire Department, 100 Center Road, Woodbridge	✖

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## Spring 2013 Career Development Schedule *continued*

Fire Investigation and Code Issues as Contributing Factors / Paul Makuc and Ken Christensen (3 hours)			Fire
W, April 10	6 pm—9 pm	Plumbers & Pipefitters Local 777 Training Facility, 450 Murdock Avenue, Meriden	
Th, April 11	9 am—noon	Connecticut State Veterans Home, 287 West Street, Rocky Hill	
Tu, April 16	* 9 am—noon	Mystic Fire District, 34 Broadway, Mystic (B.F. Hoxie Fire Station)	*
Th, April 18	* 9 am—noon	Sandy Hook Fire Department, 18 Riverside Road, Newtown	*
W, April 24	6 pm—9 pm	Watertown Fire Department, 935 Main Street, Watertown	
Th, April 25	6 pm—9 pm	Eastern CT Fire School, Firemen's' Road (Lafayette Street), Willimantic	
Passive Fire Protection Standards / Iggy Kapalczynski (3 hours)			Both
Th, May 2	9 am—noon	CCSU, Davidson Hall, Torp Theater, 1615 Stanley Street, New Britain	
Tu, May 7	6 pm—9 pm	Guilford Public Safety Complex, 390 Church Street, Guilford	
Th, May 9	9:30 am—12:30 pm	Fairfield U., 1073 North Benson Road, Fairfield/Barone Campus Center, Oak Room	
W, May 22	6 pm—9 pm	Watertown Fire Department, 935 Main Street, Watertown	
Th, May 23	* 9 am—noon	Preston City Fire Department, 452 Connecticut 164, Preston City	*
Th, May 30	6 pm—9 pm	Mansfield Fire Fighters' Association, Station 107, Route 32, Mansfield	
Introduction to the 2011 National Electric Code / Paul Costello (3 hours)			Building
Fri, May 10	9 am—noon	East Hartford Community Center, 50 Chapman Street, East Hartford	
Tu, May 14	* 9 am—noon	Colchester Town Hall, 127 Norwich Avenue, Colchester	*
Tu, May 21	9:30 am—12:30 pm	Fairfield U., 1073 North Benson Road, Fairfield/Barone Campus Center, Oak Room	
Tu, May 28	* 9 am—noon	NECA & IBEW Local 90, 2 North Plains Industrial Road, Wallingford	*
Operational Maintenance Issues: NFPA 1 / James Quish (3 hours)			Fire
Tu, May 21	6 pm—9 pm	Plumbers & Pipefitters Local 777 Training Facility, 450 Murdock Avenue, Meriden	
Th, May 30	* 9 am—noon	Sandy Hook Fire Department, 18 Riverside Road, Newtown	*
Th, June 6 AM	9 am—noon	Preston City Fire Department, 452 Connecticut 164, Preston City	
Th, June 6 PM	6 pm—9 pm	Mansfield Fire Fighters' Association, Station 107, Route 32, Mansfield	
W, June 12	6 pm—9 pm	Watertown Fire Department, 935 Main Street, Watertown	
Th, June 13	9 am—noon	Connecticut State Veterans Home, 287 West Street, Rocky Hill	
Energy Conservation and the State Building Code / Sheila Taridona and Douglas Schanne (3 hours) 			Building
Tu, June 4	9 am—noon	Connecticut State Veterans Home, 287 West Street, Rocky Hill	
Tu, June 18	* 9 am—noon	Woodbridge Fire Department, 100 Center Road, Woodbridge	*
Tu, June 25	9 am—noon	Prospect Fire Department, 46 New Haven Road, Prospect	
Th, June 27	9 am—noon	Guilford Public Safety Complex, 390 Church Street, Guilford	

## Spring 2013 Career Development Seminar Content

### January

#### **Gas and Vacuum Systems: 2002 NFPA 99-C**

NFPA 99-2002 is referenced by both the State Fire Prevention Code and the State Building Code within the 2009 Amendments. This class will provide an overview and discussion of the requirements under the NFPA-99C Gas and Vacuum Systems including but not limited to requirements for design, installations, testing and inspection along with C.G.S. requirements associate with installers. *Frank J. DaCato, Training Coordinator, Local 777 Plumbers & Pipefitters*

#### **Residential Water and Sprinklers: 2009 IRC Chapter 29**

This seminar will review the Water Supply protection requirements found in Chapter 29 of the 2009 International Residential Code (IRC). Detailed examination will highlight the “new” Chapter 29 material, as related to the installation of residential sprinkler systems. Participants will be guided through the design of a code compliant combination sprinkler system / water supply system. The programs includes a discussion of the Code language intent and resultant concerns created by the sprinkler installation provisions. Participants are encouraged to bring a calculator, notepaper, and 2009 IRC. *James Quish, OEDM Trainer*

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**February**

**Solving Means of Egress Challenges in Specific Occupancies**

This facilitated workshop will review the core building and fire code requirements for means of egress within a structure and will present means of egress scenarios within specific occupancies. Key code sections that effect each scenario will be identified. Please bring your 2003 IBC and/or CT Fire Safety Code. *Douglas M. Schanne, Assistant Director, OEDM*

**Public Health Regulations for Local Building Officials**

This seminar will review State of Connecticut Department of Public Health Regulations, including an overview of the EPA Renovation, the Repair and Painting Rule (RRP), and what is RRNC and Asbestos: Renovation and Demolition Considerations. Although the enforcement of Public Health regulations do not fall under the jurisdiction of the local building official, this information will assist the building code officials in their administrative and inspections duties of older structures. *Kimberly Ploszaj, BS, NREMT-B, Epidemiologist; Lead, Radon and Healthy Homes Program; Connecticut Department of Public Health*

**March**

**Active Fire Protection Systems**

The objective of this program is to outline the fundamentals of NFPA 13 Fire Sprinklers and NFPA 25 Inspection, Testing and Maintenance of Water Based Fire Protection Systems. It will also cover the fundamental requirements of NFPA 72 National Fire Alarm Code. This program is intended to cover only the basics of these systems as they pertain to testing, inspection and maintenance. *Michael Gilbertie, OEDM Trainer*

**Change of Occupancy in Existing Structures**

This seminar will present the change of occupancy in existing structures from plan review to certificate of occupancy. Code requirements associated with but not limited to structural, accessibility, occupancy and means of egress will be discussed. *Tim York, Building Official, Town of Colchester and Carlton Smith, Building Official, City of Groton*

**April**

**Overview of Structural Design: 2003 IBC Chapter 16**

This seminar will provide an overview of the requirements in Chapter 16 of the International Building Code that govern the structural design of buildings, structures and portions thereof regulated by the State Building Code. This program will highlight general design requirements, loads, combination of loads, analysis and their effects on building design. *Thomas A. DiBlasi, PE, SECB, Principal/President, DiBlasi Associates, P.C.*

**Fire Investigation and Code Issues as Contributing Factors**

A failure in any part of the Fire & Life Safety Code can lead to loss of life in a fire. Fire protection equipment and building features required by law are critical aspects that should be analyzed and documented in all fire investigations. This module will help the fire investigator to recognize code issues as contributing factors that may transition the "Accidental" fire to potentially be prosecuted for criminal violations. *Detectives Paul Makuc and Ken Christensen, CSP Fire & Explosion Investigation Unit, DESPP*

**May**

**Passive Fire Protection Standards**

This seminar will provide an overview and discussion of the purpose, assumptions, limitations, significance, and application of passive fire protection assembly rating and materials testing standards. These standards are referenced in Chapters 7 and 8 of both the Connecticut State Building Code and Parts III and IV of the Connecticut State Fire Safety Code. The program will focus on test procedures and apparatus. Interpretation of results derived from these standards and the relationship between these standards and passive fire protection systems will be discussed. *Iggy Kapalczynski, former Fire and Life Safety Specialist, OSFM, DCS*

**Introduction to the 2011 National Electric Code**

This seminar will provide an overview of the most important changes to the new 2011 National Electrical Code portion of the State Building Code noting key changes between the 2005, 2008 and 2011 editions. Special attention will be given to the following topics: AFCI, Bonding, Communication Systems, Definitions, Disconnecting Means, Electric Vehicle Supply Equipment, Feeders, Flash Protection Warnings, Grounding, Low-voltage lighting, Neutral Conductors and Receptacles. *Paul Costello, NECA & IBEW Local 90 JATC*

**June**

**Operational Maintenance Issues: NFPA 1**

With the recent deletion of Part V Maintenance and Operational Issues from the CSFSC, the fire code official now needs to access the CSFPC to gather that information. This class will provide a review of the organization and components of the CSFPC to facilitate the application of the code. In addition, the potential benefits of code compliance with regards to resiliency and recovery after emergencies will be discussed. *James Quish, OEDM Trainer*

**Energy Conservation and the State Building Code**

The seminar will provide an overview of energy conservation code requirements from the adoption of the 1995 Model Energy Code in 1999 through the current 2009 International

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**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.**

Energy Conservation Code. The program will discuss how these energy requirements have affected the local building officials plan review and inspection processes, along with what additional requirements the official may expect to see in future editions of the energy code. *Sheila Taridona, OEDM Trainer and Douglas M. Schanne, Assistant Director*

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### Accurate Email Required

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

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

### [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 at Career Development classes. Students must download and print handouts (PDF files) from our website prior to class, 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

### Code Books



The instructor has requested participants bring code books to the seminar.

### Class Changes and Cancellations

The Office of Education and Data Management 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

In the case of inclement weather, call State Police Headquarters Message Center (**1.800.842.0200**) after 6:30 a.m. to find out if class has been cancelled or delayed.

Listen/watch for “**DCS OEDM Programs**” cancellation or delay information at:

- WTIC-AM NewsTalk Radio (1080)
- WFSB TV Channel 3 CBS
- WTNH TV Channel 8 ABC
- WVIT TV Channel 30 NBC
- WTIC TV Channel 61 Fox

### Parking Information

#### Central Connecticut State University (CCSU)

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

#### Colchester Town Hall

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

#### 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.

#### Mystic Fire District (B. F. Hoxie Engine Company)

Park behind the building.

#### Woodbridge Fire Department

Parking is available in the fire house parking lot, and across the street at the old fire station.

### 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. We also extend our appreciation to our host facilities for their generous hospitality, enabling OEDM to offer classes across the state for the convenience of Code officials, and design and trades professionals.

*Educational programs are made possible through the Code Training and Education Fund. Fund revenue is generated by assessments on building permits.*