

CENTER FOR
GOVERNMENT SERVICES

Construction and Multiple Dwelling Code Enforcement Officials

Technical Assistants

Design Professionals

CONTINUING EDUCATION SEMINARS ||
SPRING 2017 SCHEDULE



RUTGERS
Continuing Studies

CONTINUING EDUCATION SEMINARS

The Center for Government Services (CGS) at Rutgers University assists the Division of Codes and Standards in the New Jersey Department of Community Affairs in offering more than 325 seminars required by law for Construction Code Enforcement Officials, Technical Assistants, and Multiple Dwelling Inspectors.

The mission of the Continuing Education Program is to further the professional development of code enforcement personnel by providing quality educational offerings through continuing education programs for licensed inspectors and their support staff. Together, our state and local governments are committed to protecting the health, safety, and welfare of all people throughout our communities to ensure that New Jersey continues to be a safe and desirable place to live.

HOW TO USE THIS BROCHURE

For your convenience, we have included a grid of the seminars organized by the course number. It indicates duplicate and reciprocal credits, as well as if the seminar is available online. Credit is applicable only to those areas marked in the grid or noted in the course description. If you are unsure of the credit available and its applicability to your license, please confirm with the DCA prior to registering. The table also contains the page number where you can find full seminar descriptions along with dates and locations. The course descriptions are organized alphabetically by the seminar name.

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REGISTRATION INFORMATION

If your code enforcement license expires on July 31, 2017, please keep in mind that the spring semester runs from March through June, and you must complete your continuing education requirements during this time period. All continuing education requirements must be met within the regularly scheduled program.

Make sure you are selecting seminars that meet CEU requirements for your license.

Seminar Limits: Unless your license expires on July 31, 2017, you will be limited to either two seminars or one per subcode in which you hold a license (whichever is greater). This will give everyone an equal opportunity to register. If you are interested in registering for additional seminars, you should call one week before the seminar start date.

Unlicensed Registrants: Architects, engineers, builders, and other unlicensed interested parties may attend seminars for a fee of \$125 for one-day seminars and \$250 for two-day seminars. Those interested parties who wish to participate may call anytime after the third week of registration.

Registration Procedure:



1. Select a first and second choice from the seminars offered; in case your first choice is filled, you can register for your alternate selection. The DCA staff person responding to your email or phone call can answer questions about the fulfillment of your education requirement for the current licensing cycle.


2. Email the DCA Education Unit at education.unit@dca.nj.gov. Be sure you indicate your full name, your code enforcement license number, the course code, location and date of each seminar you have selected. Please note first and second choices. You will receive an emailed confirmation of your registration.

3. You may also call the DCA Education Unit at 609-984-7820 between the hours of 9:00 AM and 4:00 PM. Be sure to have the following information ready: your code enforcement license number, the course code, location and date of each seminar you have selected.

Confirmation: Confirmations are mailed approximately two weeks before the date of each seminar. If you have not received the confirmation one week prior to the seminar, call the Education Unit at 609-984-7820 to ensure that your name is on the roster. Walk-in registrations are not permitted.

Duplicate Credit: You have the option of receiving duplicate credit for certain seminars designated with a D prefix. At sign in, you will be asked to indicate whether or not you wish to receive duplicate credit.

Reciprocal Credit: *The Division of Fire Safety* will award reciprocal credit for those seminars marked with . In order to receive reciprocal credit, you must provide your Division of Fire Safety certification number at sign in. *The Board of Electrical Contractors* will award reciprocal credit for those seminars marked with . For some electrical seminars, the approval of the Board of Electrical Contractors is currently pending. Online GoToTraining electrical seminars are not approved by the Board for reciprocal credit. In order to receive reciprocal credit, you must provide a picture ID and your current contractor's license at sign in.

Online Seminars: Seminars marked with  are available online. Online GoToTraining seminars are identical in content and timing to our in person training programs (5 hours, 0.5 CEUs). Registration for the full day seminars will begin at 8:00 AM; the seminar instruction will begin at 8:30 AM and conclude no later than 4:00 PM - be sure that you can allot that entire period of time to attend. **You MUST log into GoToTraining at least ½ hour prior to start.**

All seminars are conducted entirely over the internet. **You MUST have operating microphone and speakers** on your computer to receive credit (no telephone participants), as you will not only need the speakers to hear the presentation, but also will have the opportunity to ask questions of the instructor and have them answered live as with any of our other seminars. To register for the online seminars and for more information, please visit: <http://tiny.cc/UCCOnline>

Save the Date: Seminars marked with asterisks (*) will also be offered at the 2017 Building Safety Conference in Atlantic City on May 3, 4, 5. Please plan your spring semester accordingly.

Special Inspector Certifications: Certified special inspectors should register only for specific seminars meeting the continuing education requirements for their area of certification. Courses applicable to and counting towards renewal of a Structural Welding and/or Steel Bolting special inspector certification are identified by “**SS**” as noted in the grid. Likewise, Structural Concrete and Masonry special inspector seminars can be identified by “**SC**,” EIFS special inspector courses will be noted as “**SE**,” and, finally, Spray-Applied Fireproofing special inspector courses are denoted by “**SF**” in the grid. They are also specifically identified in the course descriptions.

Cancellation Policy: If you are unable to attend a seminar for which you registered, you must call the Education Unit to cancel your reservation as soon as possible. Failure to inform of your cancellation may result in future registrations being restricted.

Digital/Electronic Devices: The use of cell phones is disruptive in seminars. Digital/electronic devices are permitted only if you are using them for class work.

Seminar Times: All seminars begin at 8:30 a.m. and conclude by 4 p.m. You must arrive before 9 a.m. in order to be admitted to the seminar. Students who miss a substantial portion of a seminar or who leave early, for any reason, will not receive credit. Please bring your seminar confirmation card and UCC/HMD licenses with you to the seminar.

Dress Code: All seminar participants should follow a business-casual dress code. Many of the conference facilities will not allow students wearing shorts and flip-flops on their premises. Violating a facility dress code may be cause for dismissal from the course.

ICC Preferred Provider Program: The DCA/RU educational program is now an approved preferred provider with the International Code Council (ICC). The goal of the program is to support our licensees and other interested parties who also maintain ICC certifications. The use of ICC or Preferred Provider training is required as a condition of all ICC certification renewals. Our participation in the program will mean that our courses will be approved to also meet the ICC certification renewal requirements. Program participants need not do anything different: our seminar completion certificates will include our provider number (1091) as well as the ICC course number associated with the approval. If you have any questions regarding the Preferred Provider Program, please visit iccsafe.org.

Directions: For directions to the seminars, please visit www.cgs.rutgers.edu/codeenforcement or <http://tiny.cc/dca-directions>

Please note that GPS and online maps might provide inaccurate directions. We strongly recommend that you visit one of the links above and follow the provided directions.

Seminar Title	Course Code	Online	Admin	Building	Electrical	Elevator	Fire Protection	Plumbing	Mechanical	Multiple Dwelling	Special Inspector	State Jurisdiction	Reciprocal with DFS	For dates/locations see page
Municipal Procedures - Understanding the Process	A457		X										🔥	28
The Uniform Construction Code Act	A581		X										🔥	38
Verifying and Validating Resources - NJUCC and Manufacturer's Compliance Requirements	A584	💻	X										🔥	40
Statutory Duties of the Construction and Subcode Official	A587		X										🔥	35
THE UCC FOR NEWLY LICENSED OFFICIALS, Parts 1 & 2 • NEW	A605	💻	X										🔥	37
The Annual Permit • NEW	A606		X										🔥	35
Five Star Leadership Training • NEW	A607		X										🔥	23
Ready S.E.T. Inspect... • NEW	A608		X										🔥	32
Framing Inspection and Using a Checklist	B290			X										24
Residential Plan Review Using a Checklist/ IRC 2015	B703			X										34
Building Inspector Workshop - A Collection of Helpful Tools	B747			X										17
2015 IRC Wood Wall Bracing Provisions	B756			X										15
Framing Checklist - 2015 IRC Compliance • NEW	B766			X										23
The Importance of Wall Bracing and Continuous Load Path in the 2015 NJ Code • NEW	B784			X										36
Soils, Earthwork and Foundations: a Practical Approach for Building Officials Based on 2015 IBC and IRC • NEW	B786			X										34
Barrier Free 2017	D009	💻	X	X									🔥	17
Advanced Barrier Free 2017	D157		X	X									🔥	16
The Relationships of the Enforcing Regulations	D174		X				X			X			🔥	37
Backflow Protection, Anti-Scald Protection and Energy Code - A to Z	D178							X				V		16

Seminar Title	Course Code	Online	Admin	Building	Electrical	Elevator	Fire Protection	Plumbing	Mechanical	Multiple Dwelling	Special Inspector	State Jurisdiction	Reciprocal with DFS	For dates/locations see page
UCC Special Inspections Program Requirements	D179		X	X									6	38
The Hotel/Multiple Dwelling Code and UFC Retrofit Provisions	D185			X			X			X			6	36
Firestopping and Draftstopping	D190			X			X			X			6	22
Fire Proofing Inspection 2017	D198	🖥️		X			X				SF		6	20
Indoor Environmental Quality and Construction	D200			X						X			6	25
Mixed Uses with Emphasis on Parking Garages Using the 2015 IBC	D234			X			X						6	27
H Use Group Buildings Using the 2015 NJ IBC	D235			X			X						6	24
2015 IBC Essentials	D248			X			X						6	12
2015 IRC Essentials	D252			X			X						6	15
Navigating the UCC Rehab Code	D265		X	X									6	28
The UCC for Plumbing and Mechanical Officials	D270			X				X	X					37
Metal Plate Connected Wood Truss Construction and Fire Performance Characteristics	D273			X			X						6	27
Occupancy Evacuation Operation	D277					X	X						6	31
NEC-IRC-UCC The Subcode Connection	D278			X	⚡									30
2015 IBC Penetrations, Joints and Dampers	D280			X			X						6	12
2015 IRC Compliance - NJ Edition	D281			X			X						6	14
Changes to Determining Height and Area using the IBC 2015 • NEW	D283	🖥️		X			X						6	18
Fire Alarm System Design - 2 day • NEW	D284				P		X						6	20
HVAC Duct Inspection	D285			X			X	X	X				6	25
Fire Alarm Interconnectivity to the Fire Sprinkler System • NEW	D286				P		X						6	19

Seminar Title	Course Code	Online	Admin	Building	Electrical	Elevator	Fire Protection	Plumbing	Mechanical	Multiple Dwelling	Special Inspector	State Jurisdiction	Reciprocal with DFS	For dates/ locations see page
Introduction to Sprinkler Systems • NEW	D287						X			X			☹	26
Fire Alarm Documentation and Plan Review • NEW	D288				P		X						☹	19
Understanding the Requirements of Firestop Special Inspections • NEW	D289			X	P		X						☹	39
Inspecting Grease Duct Wrap • NEW	D290			X			X		X				☹	26
2015 IMC Installation And Venting Requirements For Clothes Dryers And Chimneys • NEW	D291			X			X	X	X				☹	14
2015 ICC Commercial Cooking Systems • NEW	D294			X			X		X				☹	13
2015 IFGC Design Installation and Inspection Principles • NEW	D295			X			X	X	X				☹	13
NFPA 13 & 72 including IBC-2015 Chapter 30 • NEW	D296					X	X						☹	30
Firefighter's Emergency Operations • NEW	D297					X	X			X			☹	22
Rehabilitation Subcode. Subchapter 6 - The Amendments • NEW	D298		X	X									☹	33
U.F.C. Subchapter 3 - What You Need to Know! • NEW	D299						X			X			☹	38
Fire Subcode - 2015 IRC Responsibilities • NEW	D300			X			X						☹	21
Residential 1 and 2-Family Mechanical and Plumbing Systems; Including Plan Review and Inspection Requirements • NEW	D301	📖						X	X					33
HVAC Duct Design • NEW	D303			X					X					24
Fire/Smoke Damper Inspection in HVACR Systems • NEW	D304			X			X		X				☹	22
Fire Stop Inspection 2017 • NEW	D305			X	P		X						☹	21
2015 IMC Design Installation and Inspection Principles • NEW	D306			X			X	X	X				☹	14
One Family Dwelling Generator Installations	E232				⚡									31
Conductor Sizing and Protection for Electrical Installations • NEW	E271				P									18

Seminar Title	Course Code	Online	Admin	Building	Electrical	Elevator	Fire Protection	Plumbing	Mechanical	Multiple Dwelling	Special Inspector	State Jurisdiction	Reciprocal with DFS	For dates/ locations see page
Mixed Bag - Five Topics in 5 Hours	E272	📖			⚡									27
Inspecting Electrical Services and Equipment - NEW	E273				P									25
NEC Article 690 - Solar Photovoltaic Systems, Parts 1 & 2	E278	📖			X									29
NEC Article 680 - Swimming Pools, Fountains and Similar Installations	E280	📖			X									29
2014 National Electrical Code Update and Analysis of Changes and Review to Articles 500-516 (classified) Hazardous Locations and What to Look For in an Inspection - NEW	E281				P									12
Plan Review for Fire Sprinkler Systems - 2 day - NEW	F569						X						🔥	32
NFPA 13 2013 Update - NEW	F570						X						🔥	30
NFPA 14 Standpipes - NEW	F571						X						🔥	31
Design of Sprinkler Systems for Storage Occupancies - NEW	F572						X						🔥	18
Understanding, Applying and Enforcing NFPA 13D - NEW	F582						X						🔥	39
2015 National Standard Plumbing Code and ICC Code Change Update for Plumbing Code Officials	P204							X						16
NDT Amusement Rides and Wire Rope Inspection - NEW	R053											R		28

- ⚡ The Board of Electrical Contractors will award reciprocal credit for this seminar
- P Approval for reciprocal credit from the Board of Electrical Contractors is pending for this seminar
- 🔥 The Division of Fire Safety will award reciprocal credit for this seminar
- SS Structural Welding and/or Steel Bolting special inspector seminar
- SC Structural Concrete and Masonry special inspector seminar
- SE EIFS special inspector seminar
- SF Spray-Applied Fireproofing special inspector seminar
- R Amusement rides technical credit
- V Boiler, pressure vessel and refrigeration technical credit

SPRING 2017 SEMINARS**E281 (pending) NEW
2014 NATIONAL ELECTRICAL CODE UPDATE AND
ANALYSIS OF CHANGES AND REVIEW TO ARTICLES 500-
516 (CLASSIFIED) HAZARDOUS LOCATIONS AND WHAT
TO LOOK FOR IN AN INSPECTION****Instructor: Stephen Norako***Credit: electrical*

This seminar provides the inspectors with a clear understanding of NEC 2014, including updates, changes and providing useful tools to use back on the job. Articles 500-516 significant changes include reorganization, wiring methods, process instrument and sealing requirements. To assist the inspector, this seminar covers the administration and enforcement activities as per N.J.A.C. 5:23 Electrical Subcode (a) (1) by reviewing NEC Articles 500-516 changes, identifying key installation pitfalls common to these locations. 0.5 CEU

Thurs, May 11 - Rutgers University Inn, New Brunswick

Wed, June 21 - Ocean Cty Fire and EMS Training Center,
Waretown**D248 NEW
2015 IBC ESSENTIALS****Instructor: James Quigley, International Code Council***Credit: building, fire protection*

This seminar examines basic concepts of the 2015 International Building Code. It provides a basis for the correct use and application of the code and builds on an understanding of intent of the code through practice with real-world examples. 0.5 CEU

Thurs, Apr 06 - Ocean Cty Fire and EMS Training Center,
WaretownWed, May 10 - NJ Sports & Exposition Authority,
Environment Center, LyndhurstThurs, May 25 - Cumberland Cty College Conference and
Events Center, Vineland**D280 NEW
2015 IBC PENETRATIONS, JOINTS AND DAMPERS
Instructor: James Quigley, International Code Council***Credit: building, fire protection*

This course discusses the details and requirements for dampers, penetration firestops and joint systems. The topics include the concepts, testing, installation, and citations within the code. The IBC uses fire resistive rated assemblies to protect the building's structural system, to separate adjacent spaces within the building that are not compatible, or to separate and protect adjacent buildings. In addition, the

code uses smoke resistant assemblies to limit the spread of smoke within a building and the dangers it would create for the occupants. Any opening or penetration within the rated assemblies has the potential to reduce the assembly's performance. This course focuses on the protection provided by dampers, penetration firestops and joint systems to ensure the building and occupants are safe. 0.5 CEU

Tues, June 06 - Camden Cty Regional Emergency Training
Center, Blackwood

Fri, June 23 - Hampton Inn, Denville

**D294 NEW
2015 ICC COMMERCIAL COOKING SYSTEMS*****Instructor: James Quigley, International Code Council***Credit: building, fire protection, mechanical*

This seminar addresses the applicable requirements in the 2015 International Mechanical Code, 2015 International Fire Code, 2015 International Fuel Gas Code, 2015 International Building Code and 2015 International Energy Conservation Code as applicable to commercial cooking systems. It emphasizes commercial hood and duct construction, when commercial hoods are required, what type of hood is required for different cooking appliances, and air movement requirements. 0.5 CEU

Fri, Apr 07 - Ocean Cty Fire and EMS Training Center,
Waretown

Thurs, June 22 - Hampton Inn, Denville

**D295 NEW
2015 IFGC DESIGN, INSTALLATION AND INSPECTION
PRINCIPLES****Instructor: James Quigley, International Code Council***Credit: building, fire protection, plumbing, mechanical*

This seminar discusses critical concepts of the 2015 International Fuel Gas Code. It provides a basis for the correct use of the code in the design, plan review, inspection, and analysis of projects. In addition, students will gain a clear understanding of the requirements identified by basic code provisions, tables and topics. Seminar information allows code users to apply the code in clear-cut situations and builds their understanding of the intent of the code when asked to make code compliance decisions. 0.5 CEU

Wed, Apr 26 - Cumberland Cty College Conference and Events
Center, VinelandThurs, May 18 - Somerset Cty Emergency Services Training
Academy, Hillsborough

D306  **NEW****2015 IMC DESIGN, INSTALLATION AND INSPECTION PRINCIPLES*****Instructor: James Quigley, International Code Council***Credit: building, fire protection, plumbing, mechanical*

This seminar highlights key provisions of the 2015 International Mechanical Code and provides practice in applying key requirements. It reinforces learning by supplying immediate feedback and clarification. It walks participants through the content outline of the code book and describes key sections.

0.5 CEU

Wed, March 29 - Tuscany Resort, Tuscany House Hotel,
Egg Harbor City

Wed, June 14 - Bergen Cty Law and Public Safety Institute,
Mahwah

D291  **NEW****2015 IMC INSTALLATION AND VENTING REQUIREMENTS FOR CLOTHES DRYERS AND CHIMNEYS****Instructor: IAPMO***Credit: building, fire protection, plumbing, mechanical*

This seminar focuses on the International Mechanical Code provisions concerning the proper installation and venting of chimneys and clothes dryers. Along with the general provisions for these installations, this seminar covers venting specifications, sizing of venting systems, construction, ducts, and how to properly use the numerous tables. Upon completion of this seminar, participants will be able to locate and enforce the code provisions pertaining to chimneys and clothes dryers, as well as describe the basic concepts and requirements for their proper installation and venting 0.5 CEU

Thurs, March 30 - Hampton Inn, Denville

Tues, May 09 - Rutgers University Inn, New Brunswick

Tues, June 13 - Tuscany Resort, Tuscany House Hotel,
Egg Harbor City

D281 **2015 IRC COMPLIANCE - NJ EDITION****Instructor: Dennis Pino, Nick Fabiano***Credit: building, fire protection*

This seminar allows participants to experience a new interactive approach to IRC instruction with real-life code enforcement scenarios, UCC integration, high quality graphics and custom agency driven icons. This seminar helps to bridge the gap between the 2009 and 2015 New Jersey IRC code editions. In addition, detailed subcode responsibilities regarding plan review and inspection are provided for every code section presented. Students will review key changes, commentary, referenced standards and much more. 0.5 CEU

Tues, Apr 11 - Monmouth Cty Fire Academy, Freehold

Wed, May 10 - Rutgers University Inn, New Brunswick

D252 **2015 IRC ESSENTIALS****Instructor: James Quigley, International Code Council***Credit: building, fire protection*

This seminar examines basic concepts of the 2015 International Residential Code. It provides a basis for the correct use and application of the code and builds on an understanding of the code's intent through practice with real-world examples. 0.5 CEU

Thurs, Apr 27 - Cumberland Cty College Conference and
Events Center, Vineland

Wed, May 17 - Somerset Cty Emergency Services Training
Academy, Hillsborough

Thurs, June 01 - RWJ Conference Center, Hamilton

B756**2015 IRC WOOD WALL BRACING REQUIREMENTS****Instructor: James Quigley, International Code Council***Credit: building*

This seminar provides a comprehensive explanation of the 2015 International Residential Code® (IRC®) bracing requirements. The seminar focuses on basic requirements and clarifies the application of wall bracing provisions in the IRC wall bracing Sections R602.10 thru R602.12. Participants will apply the provisions of the 2015 IRC to problems involving bracing requirements for wood-framed residential structures in their region. 0.5 CEU

Tues, Apr 11 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing

Tues, June 13 - Bergen Cty Law and Public Safety Institute,
Mahwah

P204
2015 NATIONAL STANDARD PLUMBING CODE AND
ICC CODE CHANGE UPDATE FOR PLUMBING CODE
OFFICIALS

Instructor: Fritz Reuss

Credit: plumbing

All code changes to the 2015 National Standard Plumbing Code as compared to the 2009 and 2012 NSPC are reviewed at this seminar. In addition, applicable code changes within the 2015 International Mechanical Code and International Fuel Gas Code, for which the Plumbing Code Official is responsible, are also evaluated. To help students better understand the rationale behind the change, this seminar discusses the inherent benefit of the changes and manufacturers' compliance literature. 0.5 CEU

Tues, May 16 - Somerset Cty Emergency Services Training
 Academy, Hillsborough

Thurs, May 25 - Clarion, Toms River

D157
ADVANCED BARRIER FREE 2017

Instructor: Jack Boekhout Consulting, LLC

Credit: administrative, building

Students will be made aware of some of the fine points of Barrier Free compliance. Students will have an opportunity to experience the problems associated with the operation of a wheelchair and crutches. The students will test the changes in level, maneuvering problems and compare them to the code text. Active participation in a wheelchair workshop is expected from all participants. 0.5 CEU

Thurs, Apr 20 - Grand Hotel, Cape May

Thurs, May 18 - The Inn at Lambertville Station, Lambertville

D178
BACKFLOW PROTECTION, ANTI-SCALD PROTECTION
AND ENERGY CODE A-Z*

Instructor: Fritz Reuss

Credit: plumbing, boiler pressure vessel, refrigeration

Backflow prevention and anti-scald compliance requirements are analyzed regarding code and manufacturers' installation requirements. Applications, manufacturers' installation criteria, listing and hazard prevention are discussed for code standard compliance throughout the seminar. Energy code requirements for the Plumbing Officials are also reviewed, including examples of compliance and non-compliance. 0.5 CEU

Thurs, Apr 13 - Atlantic Cape Community College,
 Rutgers Building Q, Mays Landing

Tues, May 23 - Sussex Cty Fire Academy, Newton

D009 

BARRIER FREE SUBCODE 2017*

Instructor: Jack Boekhout Consulting, LLC

Credit: administrative, building

ONE TIME mandatory requirement for Building Inspectors.

This course reviews each of the amendments to the NJ Barrier Free Subcode, including the revisions to access requirements for multi-family residences and the C.O.A.H. (now known as Low and Moderate Income Housing) requirements for townhouses. Provisions of the revised Barrier Free Subcode that provide compliance with Federal Americans with Disabilities Act regulations are also covered. Emphasis is placed on ensuring that code officials understand where their enforcement authority lies and also on showing where in Subchapter 7, IBC Chapter 11 and ICC/ANSI A117.1 standard the provisions and requirements of the Barrier Free Subcode can be found, including the Low and Moderate Income Housing rules. 0.5 CEU

Wed, May 24 - Clarion, Toms River

Thurs, June 15 - Bergen Cty Law and Public Safety Institute,
 Mahwah

Fri, June 23 - Online - GoToTraining

B747
BUILDING INSPECTOR WORKSHOP - A COLLECTION OF
HELPFUL TOOLS

Instructor: Jack Boekhout Consulting, LLC

Credit: building

A building inspector's job encompasses a variety of duties, including plan review, inspection and working with the public, to name just a few. This course is designed to help the building inspector save time by using available tools, such as checklists, charts and high-tech equipment. In addition, participants are encouraged to share best practice ideas for mutual benefit. 0.5 CEU

Tues, March 28 - RWJ Conference Center, Hamilton

Thurs, Apr 27 - Holiday Inn, Hasbrouck Heights

D283 📄 **NEW**
CHANGES TO DETERMINING HEIGHT AND AREA USING
THE IBC 2015*

Instructor: Jack Boekhout Consulting, LLC

Credit: building, fire protection

The method for determining allowable building size has changed extensively in the 2015 codes. Table 503 that was used previously has been replaced. Students will review the requirements for all Use Groups and Construction Types. In addition, students will discuss how to adjust the allowable size of structures using all of the information from tables 504, 506, 601 and 602 with adjustments available. Practice problems and practical solutions are also offered at this seminar. 0.5 CEU

Wed, March 29 - RWJ Conference Center, Hamilton

Fri, May 26 - Online - GoToTraining

Thurs, June 08 - Executive Inn, Fairfield

E271 (pending) **NEW**
CONDUCTOR SIZING AND PROTECTION FOR
ELECTRICAL INSTALLATIONS

Instructor: Constantinos Papademas LLC

Credit: electrical

The National Electrical Code requirements for conductor sizing and overcurrent protection can be a confusing and complex topic. A variety of code rules that modify the general requirements make the selection of a circuit conductor and over-current protection device challenging. This seminar provides steps and examples to understand the basic rules of conductor sizing and protection. Emphasis is placed on describing the types of conductor and overcurrent devices and their implementation in electrical systems. 0.5 CEU

Thurs, Apr 13 - Monmouth Cty Fire Academy, Freehold

Tues, Apr 18 - Grand Hotel, Cape May

Thurs, May 11 - NJ Sports & Exposition Authority,
 Environment Center, Lyndhurst

F572 📄 **NEW**
DESIGN OF SPRINKLER SYSTEMS FOR STORAGE
OCCUPANCIES

Instructor: Fire Smarts, LLC

Credit: fire protection

Storage is one of the most challenging fire protection scenarios. This seminar is based on the 2013 edition of NFPA 13 Standard for the Installation of Sprinkler Systems and reviews the key decision points to apply an approved design option for fire sprinkler use with storage applications. This seminar follows the path that an engineer, designer, or AHJ uses when evaluating storage protection. The foundational questions of "What is being stored?"; "How is it stored?" and "How high is it stored?" are reviewed in detail. Once these

questions are answered, the various design approaches are considered to determine the best solution for the particular scenario. 0.5 CEU

Tues, Apr 25 - Cumberland Cty College Conference and
 Events Center, Vineland

Tues, May 16 - The Inn at Lambertville Station, Lambertville

D288 📄 (pending) **NEW**
FIRE ALARM DOCUMENTATION AND PLAN REVIEW

Instructor: Fire Smarts, LLC

Credit: fire protection, electrical

This seminar discusses the fire alarm code submission requirements to conduct a proper plan review. The students will review the requirements and documentation that is specifically identified in the code. One change in the Fire Alarm and Signaling Systems Code is the development of a chapter specific to documentation. This session reviews the specifics of this chapter in an easy to understand format. After discussing basic spacing rules, students will conduct a mock plan review exercise. It is recommended that students bring the required code books as a reference (UCC, NEC 2014 and NFPA 72, 2013). 0.5 CEU

Wed, Apr 26 - Holiday Inn, Hasbrouck Heights

Thurs, June 01 - Atlantic Cape Community College,
 Rutgers Building Q, Mays Landing

D286 📄 (pending) **NEW**
FIRE ALARM INTERCONNECTIVITY TO THE FIRE
SPRINKLER SYSTEM

Instructor: Fire Smarts, LLC

Credit: fire protection, electrical

This course covers the NFPA standards requiring water-based fire protection systems to be tested and inspected as per both the NFPA 25 and NFPA 72. This course discusses the monitoring requirements for sprinkler systems and the supervisory signals that need to be captured. This program also addresses dedicated function fire alarm systems that are used exclusively for sprinkler monitoring and fire alarm communication protocols as related to water-based fire protection systems. 0.5 CEU

Wed, March 29 - Hampton Inn, Denville

Wed, Apr 12 - Fire-Rescue Station 221, Evesham

Thurs, June 08 - Clarion, Toms River

D284 🔥 (pending) **NEW**
FIRE ALARM SYSTEM DESIGN - 2 DAY

Instructor: Fire Smarts, LLC

Credit: fire protection, electrical

This seminar reviews fire alarm system devices and components, as well as types of fire alarm systems. Students will determine which codes define the requirements for a fire alarm system and how they interrelate. The students will apply their new knowledge while conducting two exercises to determine spacing and proper coverage for both initiating and notification devices. And since no job is complete without the paperwork, this session reviews the documentation requirements for fire alarm system acceptance testing and when reacceptance testing is required. It is recommended that students bring the required code books as a reference (UCC, NEC 2014 and NFPA 72, 2013). 1.0 CEU

Thurs, June 22 & Fri, June 23 - Ocean Cty Fire and EMS
 Training Center, Waretown

D198 🔥 📄
FIRE PROOFING INSPECTION 2017

Instructor: Sinisi Associates LLC

Credit: building, fire protection, special inspector (spray-applied fireproofing)

This seminar educates participants on fire proofing inspection and is designed for the municipal, state and special inspectors responsible for fire proofing inspection of steel, walls, floors and assemblies. Generator and electrical room protection for larger buildings is also reviewed for fire proofing requirements. This seminar, delivered by an industrial engineer and an inspector, includes discussions on critical facility safety features where fire proofing is required. Fire, smoke, vibration, noise and heat transmission, inspection techniques and methods and inspection of all types of fire rated construction and fire proofing assemblies are reviewed. NJ Building Code, thickness, density, adhesion and cohesion are reviewed as requirements of inspection. NFPA, ASTM and Best Practices for Inspection are also presented and reviewed. 0.5 CEU

Wed, Apr 19 - Foundation for Educational Administration,
 Monroe

Fri, May 12 - Online - GoToTraining

Fri, June 02 - Morris Cty Public Safety Training Academy,
 Parsippany

D305 🔥 (pending) **NEW**
FIRE STOP INSPECTION 2017

Instructor: Sinisi Associates LLC

Credit: building, fire protection, electrical

This seminar, designed for the municipal, state and special inspectors in New Jersey, provides information on fire stop inspection and the new standards for inspection. Topics include fire barriers and the importance of fire stop during planning, construction and the useful life span of a building; penetration inspection and UL Tested System information for mechanical, electrical, sprinklers and plumbing installations; and fire and smoke rated barriers in all types of construction such as condominiums, multiple dwellings, electrical room protection and typical utility penetrations. This seminar also reviews fire stop as it is applied in the NJ Building Code. NFPA, ASTM and Best Practices for Inspection are also presented and reviewed. 0.5 CEU

Wed, Apr 12 - Atlantic Cape Community College,
 Rutgers Building Q, Mays Landing

Wed, May 17 - Holiday Inn, Hasbrouck Heights

Wed, May 24 - Rutgers EcoComplex, Bordentown

D300 🔥 **NEW**
FIRE SUBCODE - 2015 IRC RESPONSIBILITIES

Instructor: Dennis Pino, Nick Fabiano, Patrick Reardon

Credit: building, fire protection

There are well over 100 relevant code sections in the adopted 2015 IRC with specific enforcement responsibilities assigned to the Fire Subcode Official. In addition, there are over 150 references to applicable standards. This seminar presents the significant codes and key code changes. Topics include formal code commentary and a complete overview of R-5 plan review and inspection responsibilities produced for the NJ Fire Subcode Official that include high quality custom graphics with detailed focus on applicable UCC rules and regulations. 0.5 CEU

Wed, Apr 26 - Rutgers EcoComplex, Bordentown

Wed, June 07 - Camden Cty Regional Emergency Training
 Center, Blackwood

Wed, June 21 - Rutgers Continuing Education Center at
 Atrium, Somerset

D304  **NEW****FIRE/SMOKE DAMPER INSPECTION IN HVACR SYSTEMS****Instructor: Sheet Metal Workers Local 22, David Castner***Credit: building, fire protection, mechanical*

The purpose of this seminar is to provide the considerations for installing, inspecting, and maintaining fire dampers, smoke dampers, and combination fire/smoke dampers and ceiling dampers in HVAC systems in new and existing buildings.

Also, the relevant building code requirements in the context of effective operation for property protection, life safety requirements, and building design and performance are covered. 0.5 CEU

Wed, May 17 - The Inn at Lambertville Station, Lambertville

Wed, May 24 - Sussex Cty Fire Academy, Newton

Tues, June 06 - Clarion, Toms River

D297  **NEW****FIREFIGHTER'S EMERGENCY OPERATIONS****Instructor: NAESA***Credit: fire protection, elevator, hotel/multiple dwelling*

This seminar presents a detailed discussion of one of the more complex sections of ASME A17.1-2013/CSA B44-13, Section 2.27.3-2.27.9. Attendees will gain a better understanding of these requirements and learn how best to recognize proper operation of FEO. A discussion of how ASME A17.2-2012 can be used to facilitate inspection of FEO is also part of this seminar. 0.5 CEU

Tues, May 30 - Atlantic Cape Community College,
Rutgers Building Q, Mays LandingFri, June 16 - Bergen Cty Law and Public Safety Institute,
Mahwah**D190** **FIRESTOPPING AND DRAFTSTOPPING****Instructor: Hilti Co., Inc***Credit: building, fire protection, hotel/multiple dwelling*

Enforcement of building codes related to firestopping construction joints, penetrations, and curtain walls is considerably more complex than ever. Inspecting construction phases for IBC/NFPA Life Safety/Fire Codes is critical and is currently one of the most difficult challenges. High-rises, hotels, hospitals, and college dormitories are constantly under construction and with the complexities, innumerable variations in construction practices, and tight scheduling, the GC's and subcontractors often struggle to maintain compliance in firestopping and draftstopping. This seminar covers three specific firestopping inspection points: construction joints, penetrations, and curtain walls. The hands-on portion of the seminar will help participants learn what to expect when walking job sites, how to identify actual areas of concern or noncompliance, including healthcare construction. 0.5 CEU

Tues, Apr 04 - Holiday Inn, Clark

Tues, May 23 - Cumberland Cty College Conference and
Events Center, Vineland**A607**  **NEW****FIVE STAR LEADERSHIP TRAINING****Instructor: Richard Perlman***Credit: administrative*

Organizations rise and fall based on leadership. This seminar discusses new and time tested leadership techniques that can revolutionize a leader's influence. Topics include team building, vision casting, communication, priority setting and decision making. Attendees will be inspired and challenged through lecture, video and stimulating discussion. Seminar results will produce years of leadership success in dealing with staff, professionals and the general public. 0.5 CEU

Fri, March 31 - Hampton Inn, Denville

Fri, May 19 - The Inn at Lambertville Station, Lambertville

Fri, June 16 - Tuscany Resort, Tuscany House Hotel,
Egg Harbor City**B766** **NEW****FRAMING CHECKLIST - 2015 IRC COMPLIANCE****Instructor: Dennis Pino, Nick Fabiano, Dennis Bott, Boise
Cascade***Credit: building*

This interactive seminar includes a step-by-step detailed review of the 2015 IRC codes, code change, commentary, standards and applicable UCC regulations through the use and review of the Framing Checklist requirements. Specific focus of manufactured wood products is also provided in great detail through a presentation by known industry representatives. Custom graphics and color enhanced code illustrations, including exclusive icons, bring the 2015 IRC Codes and Framing Checklist to life unlike any other compilation. Developed by Code Officials for Code Officials; a unique, interactive and challenging learning experience is provided from the sill plate to the ridge beam. 0.5 CEU

Wed, Apr 12 - Morris Cty Public Safety Training Academy,
ParsippanyFri, May 19 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing

B290
FRAMING INSPECTIONS - USING A CHECKLIST**Instructor: James Foran***Credit: building*

ONE TIME mandatory requirement for Building Inspectors. This seminar provides the information necessary for a code enforcer to properly understand and use the Framing Checklist prepared by DCA. The student will learn proper techniques for framing with traditional and engineered wood products. Standards referenced in the UCC are reviewed and their application is illustrated. Special attention is given to engineered wood products. Particular areas of emphasis include wood installation requirements unique to wood I-Joists as well as proper installation and bracing of trusses in floors and roofs. 0.5 CEU

Fri, Apr 21 - Foundation for Educational Administration, Monroe

Fri, June 02 - RWJ Conference Center, Hamilton

D235
H USE GROUP BUILDINGS USING THE 2015 NJ IBC**Instructor: Jack Boekhout Consulting, LLC***Credit: building, fire protection*

This seminar will address the differences between buildings of other use groups and the H use group. Students will discuss the exempt quantities of hazardous materials that are allowed in other use groups and when it is necessary to classify the building as an H use group building. Topics include grade plane, control areas on various story levels, and H use group specific code requirements such as exit access travel distance, exits, fire separation and ratings. H uses in unlimited area buildings are also outlined. 0.5 CEU

Wed, May 10 - Fire-Rescue Station 221, Evesham

Fri, June 02 - Middlesex Cty Fire Academy, Sayreville

D303 NEW
HVAC DUCT DESIGN**Instructor: Sheet Metal Workers Local 22, David Castner***Credit: building, mechanical*

This seminar utilizes International Training Institute materials, SMACNA and ACCA ductwork fabrication guide and standards for the fabrication and installation of residential, light commercial, commercial and industrial HVAC ductwork. Upon completion of this course, the participant will be able to recognize deficiencies in the HVAC duct system, have knowledge of the proper duct construction requirements for its specified use class. The participant will also be able to identify corrections to increase the efficiency of the unit and air flow. 0.5 CEU

Thurs, May 25 - Sussex Cty Fire Academy, Newton

Fri, May 26 - Rutgers EcoComplex, Bordentown

D285
HVAC DUCT INSPECTIONS**Instructor: Sheet Metal Workers Local 22, David Castner***Credit: building, fire protection, plumbing, mechanical*

This seminar utilizes materials developed by the International Training Institute and SMACNA Standards for the fabrication and installation of HVAC system components. The purpose of the presentation is to familiarize building inspectors with proper methods of inspecting HVAC systems, which is critical to the safety, health and comfort of the general public. The basic science of heating, ventilating and air conditioning systems is covered, including the principals of airflow as it relates to duct design. 0.5 CEU

Tues, May 16 - Atlantic Cape Community College,

Rutgers Building Q, Mays Landing

Tues, June 20 - Hampton Inn, Denville

D200
INDOOR ENVIRONMENTAL QUALITY AND CONSTRUCTION**Instructor: Joseph Ponessa***Credit: building, hotel/multiple dwelling*

This course surveys and prioritizes the indoor pollutants that impact health and examines the ways in which pollutants can be minimized in new construction. The course begins with a discussion of priority pollutants (particularly with regards to new construction), their origin, detection, health impacts and ways to manage/minimize them. Additional topics include design approaches, material selection and ASHRAE 62.2 (residential ventilation). 0.5 CEU

Fri, May 12 - NJ Sports & Exposition Authority,

Environment Center, Lyndhurst

Fri, June 09 - Camden Cty Regional Emergency Training

Center, Blackwood

E273 (pending) NEW
INSPECTING ELECTRICAL SERVICES AND EQUIPMENT**Instructor: Constantinos Papademas LLC***Credit: electrical*

The NEC article 230 provides the requirements to supply power to a structure. Fixing code violations after installing electrical services and equipment can be very costly. This course enhances the code official's knowledge of the requirements, as well as the updated changes of NEC 2014 as they relate to services, and service equipment at the plan review stage. 0.5 CEU

Fri, March 31 - RWJ Conference Center, Hamilton

Wed, June 07 - Executive Inn, Fairfield

Thurs, June 15 - Tuscany Resort, Tuscany House Hotel,
Egg Harbor City

D290  **NEW****INSPECTING GREASE DUCT WRAP*****Instructor: Halpert Life Safety Consulting, Sharron Halpert***Credit: building, fire protection, mechanical*

From 2006 to 2010, the major cause of fires in eating and drinking establishments was cooking equipment. This seminar discusses grease duct wrap installation and inspection. In addition, the following topics are covered: the requirements of various manufacturers, ducts with angles or branches, encapsulating items, penetrations, threaded rods, strut or hangers, how to properly install applications with limited access, firestopping grease ducts through rated walls and more. This hands-on seminar helps inspectors understand how to install the material, identify mistakes made by an installer, as well as explain how the materials are tested and how they fail. 0.5 CEU

Tues, Apr 18 - Executive Inn, Fairfield

Wed, May 17 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing**D287**  **NEW****INTRODUCTION TO SPRINKLER SYSTEMS****Instructor: Fire Smarts, LLC***Credit: fire protection, hotel/multiple dwelling*

This seminar is a high level overview on fire sprinkler systems, its history and objectives. The three required components for a sprinkler to function are examined: automatic sprinkler; water supply, and the connection (piping) between the two. In addition, this seminar covers the four major types of sprinkler systems and the associated components. Basic installation requirements are reviewed along with system acceptance. 0.5 CEU

Wed, Apr 05 - Holiday Inn, Clark

Wed, Apr 19 - Grand Hotel, Cape May

Tues, May 23 - Clarion, Toms River

D273 **METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION AND FIRE PERFORMANCE CHARACTERISTICS****Instructor: Structural Building Components Association***Credit: building, fire protection*

This seminar provides attendees with the tools to understand the key responsibilities of all parties involved in the structural framing process, from delivery of the trusses through the code mandated framing inspections. It acquaints attendees with various applications of trusses, repair procedures and correct installation processes. Performance of light weight construction under fire conditions is explored along with information on relevant fire tests conducted following ASTM standards. 0.5 CEU

Tues, May 16 - Holiday Inn, Hasbrouck Heights

Tues, May 30 - RWJ Conference Center, Hamilton

E272  **MIXED BAG - FIVE TOPICS IN 5 HOURS****Instructor: Tom Pernal Electrical Seminars, LLC***Credit: electrical*

This seminar is a compilation of five topics useful for the purposes of installation, plan-review and inspection of a variety of occupancies. The topics discussed during the seminar are NEC article 110/working clearances, NEC in-field labeling requirements for electrical installations, conductor derating, conduit fill, and failed inspections/the most common violations. 0.5 CEU

Wed, Apr 12 - Monmouth Cty Fire Academy, Freehold

Mon, June 26 - Online - GoToTraining

D234 **MIXED USES WITH EMPHASIS ON PARKING GARAGES USING THE 2015 IBC****Instructor: Jack Boekhout Consulting, LLC***Credit: building, fire protection*

During this seminar, students will be made aware of some of the fine points of mixed use compliance with special emphasis on mixed uses with parking garages. Students will discuss the routine questions associated with the application of these provisions. Sample problems and solutions are provided. 0.5 CEU

Fri, Apr 07 - Holiday Inn, Clark

Tues, June 20 - Ocean Cty Fire and EMS Training Center,
Waretown

**A457 MUNICIPAL PROCEDURES - UNDERSTANDING THE PROCESS****Instructor: Richard Osworth***Credit: administrative*

Local officials are called upon to organize their offices based on uniform procedures and practices. The Municipal Procedures Manual is a supporting document that presents uniform procedures and practices. The manual includes a visual display of the construction process through the technique of flow charting. In the belief that a picture is worth a thousand words, the flow charting concept is presented as both a visual display of procedures and as an effective communication tool. The topics focus on the construction permit/certificate processes and discuss ongoing inspection requirements for hazardous equipment. A hands on exercise builds a better understanding of how tasks can flow through specific activities and decision making responsibilities. 0.5 CEU

Thurs, May 25 - Rutgers EcoComplex, Bordentown

Fri, June 16 - Middlesex Cty Fire Academy, Sayreville

**D265 NAVIGATING THE UCC REHAB SUBCODE****Instructor: John Daniels***Credit: administrative, building*

This seminar reviews all types of rehab work and is designed to enhance the participant's existing knowledge and understanding of the rehab subcode. Participants will use actual projects to develop a methodical approach to navigating the rehab subcode and ensuring proper enforcement. The sections of the referenced codes that are applicable are also discussed. Participants should bring a current UCC administrative book to the seminar. 0.5 CEU

Wed, May 31 - Morris Cty Public Safety Training Academy,
Parsippany

Wed, June 07 - Clarion, Toms River

R053 NEW**NDT AMUSEMENT RIDES AND WIRE ROPE INSPECTION****Instructor: TechKnowServ***Credit: amusement ride*

This seminar provides attendees with the knowledge and ability to perform non-destructive testing and inspection of amusement rides. Methods include visual inspection, ultrasonic testing, magnetic particle testing and liquid penetrant testing methods. Attendees will observe demonstrations and gain valuable hands on experience through sample specimens in these NDT techniques. In addition, this seminar focuses on electromagnetic wire rope testing and covers the application and standardization of instruments that use the

electromagnetic, the magnetic flux, and the magnetic flux leakage examination methods to detect flaws and changes in metallic cross-sectional areas in ferromagnetic wire rope products used in amusement rides. Trainees will be educated on the electromagnetic principles and state-of-the-art technology used for defect detection in the steel ropes used in amusement rides.) 0.5 CEU

Fri, March 31 - Foundation for Educational Administration,
Monroe**E280 (pending)  NEW****NEC ARTICLE 680 - SWIMMING POOLS, FOUNTAINS AND SIMILAR INSTALLATIONS*****Instructor: Tom Pernal Electrical Seminars, LLC***Credit: electrical*

This seminar provides inspectors, design professionals and installers with the knowledge to design, perform plan review, and inspect pools, spas and hot tubs. Applicable code information is presented to course participants through the use of an IAEI produced visual presentation and clarification/explanation of NEC language. Any UCC adoptions/revisions to the model code are introduced as needed. Questions, comments, and scenarios regarding application of the NEC for Code compliance are addressed. 0.5 CEU

Tues, Apr 11 - Morris Cty Public Safety Training Academy,
Parsippany

Thurs, Apr 13 - Fire-Rescue Station 221, Evesham

Wed, June 28 - Online - GoToTraining

E278 **NEC ARTICLE 690, SOLAR PHOTOVOLTAIC SYSTEMS, PART ONE AND TWO - 2 evening sessions (6:30 pm - 9:00 pm)****Instructor: Brian Mitchell***Credit: electrical*

Participants will become familiar with, interpret, and review the most significant elements of the National Electrical Code Article 690, related codes, standards and regulations, and safety for the inspector. The materials and methods for these systems are covered to enhance the performance of electrical subcode officials or electrical inspectors. This five hour seminar is comprised of 2 sessions, each 2.5 hour long, and is aimed at persons already licensed as an Electrical Subcode Official or Electrical Inspector. Participants have to attend both 2.5 hour evening sessions in order to obtain credit. 0.5 CEU

Mon, May 15 & Mon, May 22- Online - GoToTraining

D278 ✈**NEC-IRC-UCC THE SUBCODE CONNECTION****Instructor: Dennis Pino, Nick Fabiano***Credit: building, electrical*

From plan review of concrete encased electrodes to the final electrical inspection checking energy efficient lamp counts, this seminar presents key code changes and bridges the transitional gaps of the NEC 2014, IRC 2015 and UCC. A truly comprehensive breakdown of the UCC assigned electrical subcode responsibilities regarding plan review and inspection of residential construction projects is presented. Existing rules and regulations for residential electrical installations such as solar, generators and elevator responsibilities are also reviewed in great detail. This seminar is presented in a high quality Power Point presentation with dynamic graphics, exclusive UCC agency driven icons and color coded procedural symbols. 0.5 CEU

Wed, Apr 05 - Holiday Inn, Clinton

Thurs, May 18 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing**D296** ☹ **NEW****NFPA 13 & 72 INCLUDING IBC-2015 CHAPTER 30****Instructor: NAESA***Credit: fire protection, elevator*

This seminar is a detailed and historical presentation of how NFPA 13 & 72 relate to ASME A17.1, IBC chapter 30- 2009-2015. The presentation details requirements for building installation of the elevator sprinklers, piping, initiation devices, shunt-trip and fire service access elevators (FSAE). NFPA 13 is the Standard for the Installation of Sprinkler Systems and NFPA 72 is the National Fire Alarm and Signaling Code. IBC is the International Building Code. 0.5 CEU

Wed, May 31 - RWJ Conference Center, Hamilton

F570 ☹ **NEW****NFPA 13 2013 UPDATE****Instructor: Fire Smarts, LLC***Credit: fire protection*

Rapid changes in sprinkler technology and ever evolving architectural features, construction material, and hazards require today's enforcement official to stay current in their understanding and knowledge. This seminar provides a review of the significant changes that were incorporated into the 2013 edition of NFPA 13 Standard for the Installation of Sprinkler Systems. This seminar also reviews some of the proposed revisions that were rejected by the technical committees, as rejected proposals often provide insight for understanding the technical committees' intent for the requirements found in the standard. 0.5 CEU

NO. 30

Thurs, March 30 - Tuscany Resort, Tuscany House Hotel,
Egg Harbor City

Fri, June 09 - Executive Inn, Fairfield

F571 ☹ **NEW****NFPA 14 STANDPIPES****Instructor: Fire Smarts, LLC***Credit: fire protection*

Standpipe and hose systems are a critical fire protection system designed for use by trained fire department personnel. These manual fire protection systems are crucial to firefighting operations, particularly for multi-story buildings and difficult to access areas. The 2013 edition of NFPA 14 Standard for the Installation of Standpipe and Hose Systems is reviewed. This seminar also covers the types and classes of standpipes, design criteria, installation requirements, and acceptance testing. 0.5 CEU

Tues, Apr 04 - Ocean Cty Fire and EMS Training Center,
Waretown

Tues, June 13 - Middlesex Cty Fire Academy, Sayreville

D277 ☹**OCCUPANCY EVACUATION OPERATIONS****Instructor: NAESA***Credit: fire protection, elevator*

The ASME committee has defined an operation protocol that will appear in A17.1 called Occupant Evacuation Operation (OEO). Under this protocol, OEO is initiated by the activation of any fire initiating device in the building except for the elevator lobby or machine room smoke detectors, which would initiate FEO. This seminar clarifies how OEO is intended to operate. It also includes excerpts from NFPA 72 and the 2015 IBC as it relates to OEO. 0.5 CEU

Thurs, June 15 - Middlesex Cty Fire Academy, Sayreville

E232 ✈**ONE FAMILY DWELLING GENERATOR INSTALLATIONS - WHAT IS ACTUALLY REQUIRED?****Instructor: Stephen Norako***Credit: electrical*

This seminar provides current information required to evaluate one family dwelling generator system designs and conduct field inspections. The focus is on reviewing NEC Article 445 (Generators) & 702 (Optional Standby Systems) to provide design for automatic or manual transfer of power for one family dwellings. 0.5 CEU

Fri, May 12 - Fire-Rescue Station 221, Evesham

Tues, June 20 - Rutgers Continuing Education Center at
Atrium, Somerset

NO. 31

F569  **NEW****PLAN REVIEW FOR FIRE SPRINKLER SYSTEMS - 2 DAY*****Instructor: Fire Smarts, LLC***Credit: fire protection*

The approval of fire sprinkler systems includes a review of the design documents and an onsite verification of the completed system. This two day seminar takes attendees through a step by step review of fire sprinkler working drawings, the accompanying hydraulic calculations, and the requirements for acceptance testing of the system. This seminar utilizes the requirements found in the 2013 editions of NFPA 13 Standard for the Installation of Sprinkler Systems. Attendees will work with an actual fire sprinkler working plan and the accompanying hydraulic calculations. 1.0 CEU

Tues, May 30 & Wed, May 31- Middlesex Cty Fire Academy,
Sayreville

A608  **NEW****READY S.E.T. INSPECT...*****Instructor: Dennis Pino, Nick Fabiano, Patrick Reardon***Credit: administrative*

This seminar is a new compilation of related inspection topics specifically created to highlight the challenges and safety issues Code Officials are exposed to in their normal day-to-day routines, with a major focus on UCC emergency response. Out of the rubble of Super Storm Sandy emerges the State's first county-wide UCC mutual aid program which is based upon the emergency building inspection program and lessons learned. This seminar is a first-hand experience presented by Jersey Shore Officials, who will discuss daily inspection awareness, inspector safety, construction safeguards, and protection of adjoining property. 24/7 UCC emergency operations, departmental organization, field operations, safety evaluation teams (S.E.T.), and data collection via mobile device integration are also covered. Test your newly learned wind & flood damage assessment skills with our interactive desk top evaluation drills. 0.5 CEU

Fri, March 31 - Tuscany Resort, Tuscany House Hotel,
Egg Harbor City

Wed, Apr 19 - Executive Inn, Fairfield

Thurs, June 01 - Middlesex Cty Fire Academy, Sayreville

D298  **NEW****REHABILITATION SUBCODE. SUBCHAPTER 6 - THE AMENDMENTS****Instructor: Dennis Pino, Nick Fabiano***Credit: administrative, building*

This seminar deals with proposed amendments that revise the Rehabilitation Subcode reflecting the 2015 International Codes and the 2014 NEC. Amendments also include accessibility and the former Barrier Free Subcode. Plan review and inspection responsibilities are assigned to Subcode Officials for sections in the rehab that do not have a reference to specific model codes. This seminar provides an overview and breakdown of the significant changes in the final adoption including the assigned subcode enforcement responsibilities. 0.5 CEU

Thurs, March 30 - RWJ Conference Center, Hamilton
Tues, Apr 25 - Holiday Inn, Hasbrouck Heights
Wed, May 31 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing

D301  **NEW****RESIDENTIAL 1 AND 2-FAMILY MECHANICAL AND PLUMBING SYSTEMS; INCLUDING PLAN REVIEW AND INSPECTION REQUIREMENTS*****Instructor: Fritz Reuss***Credit: plumbing, mechanical*

Residential and mechanical plan review and inspection requirements are addressed for code compliance, including a comprehensive evaluation of residential systems, fixtures and equipment. Typical plan review and inspection examples, as well as common code issues are extensively covered. Students will learn to apply and enforce the minimum code compliance requirements for residential projects regarding all plumbing and mechanical systems and code compliance requirements. Rehabilitation Code is discussed/evaluated regarding renovations/alterations code triggers. 0.5 CEU

Thurs, Apr 27 - Rutgers EcoComplex, Bordentown

Thurs, June 01 - Morris Cty Public Safety Training Academy,
Parsippany

Fri, June 09 - Online - GoToTraining

B703
**RESIDENTIAL PLAN REVIEW USING A CHECKLIST/
 IRC 2015**

Instructor: Jack Boekhout Consulting, LLC

Credit: building

A building inspector's job encompasses a variety of duties, including plan review, inspection and working with the public. One of the most important parts of that job is plan review. During this seminar, information is given to incorporate elements of plan review with additional hints and charts to improve the plan review process. Explanations for necessary code compliance for such things as foundations, framing, volume computations, grade plane etc., as well as a plan review checklist are provided. Using a checklist keeps the review moving and the reviewer focused. This prevents errors, items missed and additional cost of construction when the reviewer failed to note a violation that was subsequently installed in violation. The next benefit is the insurance (ISO) review. Towns that use a good checklist get higher marks and the residents benefit by a reduction in homeowners insurance premiums. 0.5 CEU

Tues, Apr 18 - Foundation for Educational Administration,
 Monroe

Tues, May 30 - Morris Cty Public Safety Training Academy,
 Parsippany

B786 NEW
**SOILS, EARTHWORK AND FOUNDATIONS: A PRACTICAL
 APPROACH FOR BUILDING OFFICIALS BASED ON 2015
 IBC AND IRC**

Instructor: James Quigley, International Code Council

Credit: building

This seminar is a bridge between the complex world of geotechnical engineering, foundation design, construction activities, and inspections dealing with soil conditions and building foundations. This course is intended to provide an understanding of the principals involved in geotechnical engineering and foundation design to help students better communicate with geotechnical and structural professionals. Case studies include reviewing sample soil reports and discussions of what to look for when soil reports are part of the plan review submittal. 0.5 CEU

Tues, March 28 - Tuscany Resort, Tuscany House Hotel,
 Egg Harbor City

Tues, May 09 - NJ Sports & Exposition Authority,
 Environment Center, Lyndhurst

A587
**STATUTORY DUTIES OF THE SUBCODE AND
 CONSTRUCTION OFFICIAL**

Instructor: James Foran

Credit: administrative

This seminar is designed as a refresher for licensed Subcode and Construction Officials. Additionally, other inspectors will benefit from becoming more familiar with the duties and powers of the Subcode and Construction Official positions. The limiting factors of the Subcode and Construction Official's statutory power is also discussed. 0.5 CEU

Wed, Apr 05 - Ocean Cty Fire and EMS Training Center,
 Waretown

Fri, May 12 - Rutgers University Inn, New Brunswick

Wed, June 21 - Hampton Inn, Denville

A606 NEW
THE ANNUAL PERMIT*

Instructor: Richard Osworth

Credit: administrative

Local officials are always looking for ways to streamline processes, and local companies are looking for ways to be more effective and efficient. However, the annual permit process is a concept that is overlooked and not necessarily seen as a potential savings to all concerned. This seminar takes the participants through the UCC Act and Regulations with both a historic and current presentation of the annual permit process. The presentation fully explains the concept of a construction permit, its origins in the law and how it has been amended over time. The seminar focuses on the annual permit process with a full explanation of the approval process, the inspection process, the training requirements and the facility manager's responsibilities. Participants will leave with a full understanding of the annual permit process including sample documents for potential clients. 0.5 CEU

Fri, Apr 21 - Executive Inn, Fairfield

Fri, May 26 - Cumberland Cty College Conference and
 Events Center, Vineland

Fri, June 09 - Clarion, Toms River

D185 
**THE HOTEL/MULTIPLE DWELLING CODE AND UFC
 RETROFIT PROVISIONS**

Instructor: John Daniels

Credit: building, fire protection, hotel/multiple dwelling

This seminar is designed to explain and identify the Uniform Fire Code Subchapter 4 Retrofit provisions as they relate to Hotels and Multiple Dwellings. The background, purpose and intent is discussed, identifying the minimum requirements within an existing structure, such as sprinklers, fire/carbon monoxide alarms, means of egress, vertical shafts and interior finish. Students will learn to recognize when and how to apply the minimum requirements of the Retrofit code. 0.5 CEU

Thurs, May 11 - Fire-Rescue Station 221, Evesham

Fri, May 19 - Somerset Cty Emergency Services Training
 Academy, Hillsborough

B784 NEW
**THE IMPORTANCE OF WALL BRACING AND CONTINUOUS
 LOAD PATH IN THE 2015 NJ CODE**

Instructor: Simpson Strong-Tie

Credit: building

This seminar will equip students with an understanding of the wall bracing provisions in the new 2015 IRC code. Students will review and understand appropriate braced wall panel and braced wall line information on plans submitted for permit, a requirement in the new code. This information will also allow students to identify and inspect braced wall panels and continuous load path. Students will learn to identify common problem areas that are difficult to meet with the prescriptive code, including narrow garage door openings, window walls, and two-story balloon framed walls, and understand solutions for these problem areas. In addition, the situations that fall outside the prescriptive code by evaluating prefabricated shear wall solutions for those situations and the continuous load path provisions of the code that are directly related to wall bracing are discussed. 0.5 CEU

Fri, Apr 28 - Rutgers EcoComplex, Bordentown

Tues, June 06 - Executive Inn, Fairfield

D174 
THE RELATIONSHIPS OF THE ENFORCING REGULATIONS


Instructor: John Daniels

Credit: administrative, fire protection, hotel/multiple dwelling

This seminar is designed to enhance the participants' knowledge of the relationship between the regulations. These changing regulations require an understanding of how they connect to each other and how they ultimately have an effect on everyone. A review of the direct and indirect references will show this relationship. A resource method is shown that will enable participants to identify other enforcing agencies and their contact information. 0.5 CEU

Tues, March 28 - Hampton Inn, Denville

Fri, Apr 21 - Grand Hotel, Cape May

A605   **NEW**
**THE UCC FOR NEWLY LICENSED OFFICIALS, PARTS ONE
 AND TWO - 2 evening sessions (6:30 pm - 9:00 pm)**

Instructor: Brian Mitchell

Credit: administrative

Participants of this seminar will become familiar with, interpret, and review the most significant elements of the New Jersey Uniform Construction Code, administrative regulations, related codes, standards and regulations, and performance procedures to better prepare them for employment as a subcode official or inspector. This 5 hour seminar is comprised of two sessions, each 2.5 hour long. Participants have to attend both 2.5 hour evening sessions in order to obtain a credit. 0.5 CEU

Wed, June 07 & Wed, June 14 - Online - GoToTraining

D270
THE UCC FOR PLUMBING AND MECHANICAL OFFICIALS

Instructor: Anthony Gargani

Credit: building, plumbing, mechanical

This seminar takes a fresh approach, concentrating on the needs of plumbing and mechanical officials. This seminar explains how to navigate the UCC to locate the correct answers required for effective enforcement. It also highlights, explains and provides applications to the UCC for plan review, permit processing and inspections. 0.5 CEU

Tues, Apr 11 - Fire-Rescue Station 221, Evesham

Thurs, May 18 - Holiday Inn, Hasbrouck Heights

Fri, June 23 - Rutgers Continuing Education Center at Atrium,
 Somerset

A581 📌**THE UNIFORM CONSTRUCTION CODE ACT*****Instructor: Richard Osworth***Credit: administrative*

Building safety has been a major policy effort in New Jersey for decades. The Uniform Construction Code Act was passed in 1975 and was the first comprehensive building safety act in New Jersey. The implementation of the act began a movement to professionalize both the building industry, as well as municipal government's inspection staffs. This seminar presents the history of building safety through a presentation of the original act (what is in the law) and all of the subsequent amendments. The discussion addresses the legal underpinnings of all the regulations, codes and standards used in inspector's everyday work. This seminar is designed for new code officials and seasoned veterans, as it discusses the true meaning of law and the authority upon which the enforcement of a uniform construction code is based. 0.5 CEU

Thurs, Apr 20 - Foundation for Educational Administration,
Monroe

Thurs, June 08 - Camden Cty Regional Emergency
Training Center, Blackwood

D299 📌 **NEW****U.F.C. SUBCHAPTER 3 - WHAT YOU NEED TO KNOW!*****Instructor: Dennis Pino, Nick Fabiano, Vince Lupu***Credit: fire protection, hotel/multiple dwelling*

The Hotel & Multiple Dwelling Inspectors guide to the UFC Subchapter 3 is here: a definitive breakdown of the 2006 International Fire Code NJ edition relative to Hotels, Motels and Multiple Dwelling compliance requirements. From the initial establishment of Subchapter 3 to the inspector's final approval; this seminar is produced to highlight the key elements within the State Fire Prevention Code applicable to hotels, motels and multiple dwellings. Joint responsibilities with other agencies, coordination of duties and common misconceptions are all presented. 0.5 CEU

Thurs, Apr 06 - Holiday Inn, Clinton

Wed, May 24 - Cumberland Cty College Conference and
Events Center, Vineland

D179 📌**UCC SPECIAL INSPECTIONS PROGRAM REQUIREMENTS****Instructor: John Daniels***Credit: administrative, building*

This seminar is designed to identify and explain the requirements and procedures of the Special Inspections Requirement within the UCC (N.J.A.C. 5:23-2.20) and NJ 2015 IBC. Topics include the statement of suspensions, the various types of special inspections, identification of when

these inspections are necessary, the independent 3rd party inspection agency/inspectors, and the submission of reports and closing documents to the code official. Discussions will include the requirements relating to both new and rehabilitation projects. 0.5 CEU

Thurs, Apr 06 - Holiday Inn, Clark

Wed, June 14 - Middlesex Cty Fire Academy, Sayreville

D289 📌 (pending) **NEW**
UNDERSTANDING THE REQUIREMENTS OF FIRESTOP
SPECIAL INSPECTIONS***Instructor: Halpert Life Safety Consulting, Sharron Halpert***Credit: building, fire protection, electrical*

1705.17 of the IBC requires third party special inspection of firestop. This seminar discusses the reasons for this requirement, the changes in the inspector's role, instances when special inspection is required, and how to make special inspection a requirement. In addition, this seminar addresses what special inspection covers and does NOT cover, what to expect from inspection reports, and what to expect from final reports to ensure everything conforms to IBC Ch. 17, ASTM E2174 and ASTM E2393. This seminar gives participants a check list of things that are required by the codes and standards, and a list of things that can be considered as requirements for a jurisdiction. 0.5 CEU

Thurs, March 30 - Hampton Inn, Denville

Wed, June 14 - Tuscany Resort, Tuscany House Hotel,
Egg Harbor City

F582 📌 **NEW****UNDERSTANDING, APPLYING AND ENFORCING NFPA 13D****Instructor: NJ Fire Sprinkler Advisory Board, Dave Kurasz***Credit: fire protection*

As residential fire sprinkler systems become more widely recognized and adopted by communities, it becomes particularly important to understand the requirements for proper design and installation. NFPA 13D, Standard for the Installation of Fire Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes is the primary standard governing design and installation for residential sprinklers. Understanding the requirements of the standard and how they are applied is the key to a strong enforcement program. This seminar guides the participant through the requirements of NFPA 130 and identifies how the standard is applied, as well as the alternative approaches, such as IRC P2904. 0.5 CEU

Thurs, Apr 13 - Morris Cty Public Safety Training Academy,
Parsippany

Fri, May 19 - Holiday Inn, Hasbrouck Heights

A584  **VERIFYING AND VALIDATING RESOURCES – NJ UCC AND MANUFACTURER'S COMPLIANCE REQUIREMENTS****Instructor: Fritz Reuss***Credit: administrative*

This seminar provides information on internet resources, manufacturer's materials, and NJ UCC to help students address, answer and substantiate compliance relative to general code and administrative questions/issues. The seminar participants will explore specific questions, such as entry requirements, prior approvals, required inspections, etc. This seminar is aimed to equip students with tools, techniques and resources to research and obtain the correct NJ UCC answers relative to the UCC protocols and internet/manufacturer's compliance criteria. 0.5 CEU

Fri, Apr 07 - Holiday Inn, Clinton

Fri, June 02 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing

Fri, June 16 - Online - GoToTraining

Thurs, June 22 - Rutgers Continuing Education Center at
Atrium, Somerset

FACILITIES INFORMATION

For your convenience seminars are offered throughout the state. Contact information of the facilities is provided below. For detailed directions to the seminars please visit

www.cgs.rutgers.edu/codeenforcement or
<http://tiny.cc/dca-directions>

Please note that GPS and online maps might provide inaccurate directions. We strongly recommend to visit one of the links above and follow provided directions.

BLACKWOOD: CAMDEN COUNTY REGIONAL EMERGENCY TRAINING CENTER

420 Woodbury Turnersville Road N, Blackwood, NJ 08012
(856)374-6176 • <http://camdencountyemergencytraining.com>

BORDENTOWN: RUTGERS ECOCOMPLEX

1200 Florence-Columbus Road, Bordentown, NJ 08505
(609)499-3600 • <http://ecocomplex.rutgers.edu>

CAPE MAY: GRAND HOTEL

1045 Beach Avenue, Cape May, NJ 08204
(609)8845611 • www.grandhotelcapemay.com

CLARK: HOLIDAY INN

36 Valley Road, Clark, NJ 07066
(732)574-0100 • www.hiclarknj.com

CLINTON: HOLIDAY INN EXPRESS

111 Route 173, Clinton, NJ 08809
(908)735-5111 • www.hisclinton.com

DENVILLE: HAMPTON INN

350 Morris Avenue, Denville, NJ 07834
(973)664-1050 • <http://tiny.cc/hidenville>

EGG HARBOR CITY: TUSCANY RESORT (formerly Renault Resort), TUSCANY HOUSE HOTEL

72 North Bremen Avenue, Egg Harbor City, NJ 08215
(609)965-2111 • www.Tuscanywinery.com

EVESHAM: FIRE-RESCUE STATION 221

26 East Main Street, Evesham, NJ 08053
(856)983-2750 • <http://www.eveshamfire.org>

FAIRFIELD: EXECUTIVE INN/ BEST WESTERN

216-234 Route 46 East, Fairfield, NJ 07004
(973)575-7700 • <http://bwfei.com>

FREEHOLD: MONMOUTH COUNTY FIRE ACADEMY

1027 Highway 33 East, Freehold, NJ 07728
(732)683-8857 • <http://tiny.cc/monmouthcofa>

HAMILTON: ROBERT WOOD JOHNSON CONFERENCE CENTER (inside of RWJ Fitness & Wellness Center)

3100 Quakerbridge Road, Hamilton, NJ 08619
(609)584-2159 • www.rwjhamilton.org

HASBROUCK HEIGHTS: HOLIDAY INN

283 Route 17 South, Hasbrouck Heights, NJ 07604
(201)288-9600 • www.holidayinn.com/has-meadowland

HILLSBOROUGH: SOMERSET COUNTY EMERGENCY SERVICES TRAINING ACADEMY

402 Roycefield Road, Hillsborough, NJ 08844
(908)725-5070 • <http://tiny.cc/somersetcoesta>

LAMBERTVILLE: THE INN AT LAMBERTVILLE STATION

11 Bridge Street, Lambertville, NJ 08530
(609)397-8461 • www.lambertvillestation.com

LYNDHURST: NEW JERSEY SPORTS & EXPOSITION AUTHORITY

2 DeKorte Park Plaza, Lyndhurst, NJ 07071
(201)460-1700 • www.njsea.com

MAHWAH: BERGEN COUNTY LAW AND PUBLIC SAFETY INSTITUTE

281 Campgaw Road, Mahwah, NJ 07430
(201)785-6000 • www.co.bergen.nj.us/lpsi

MAYS LANDING: ATLANTIC CAPE COMMUNITY COLLEGE RUTGERS BUILDING Q

5100 Black Horse Pike, Mays Landing, NJ 08330
(609)343-2092 • www.atlantic.edu

MONROE: FOUNDATION FOR EDUCATIONAL ADMINISTRATION

12 Centre Drive, Monroe, NJ 08831
(609)860-1200 • www.featraining.org

NEW BRUNSWICK: RUTGERS UNIVERSITY INN AND CONFERENCE CENTER

178 Ryders Lane, New Brunswick, NJ 08901
(732)932-9144 • www.meeteatsleep.rutgers.edu

NEWTON: SUSSEX COUNTY FIRE ACADEMY

114 Morris Turnpike, Newton, NJ 07860
(973)948-7897 • <http://sussex.edu/ce/publicsafety>

PARSIPPANY: MORRIS COUNTY PUBLIC SAFETY TRAINING ACADEMY

500 West Hanover Avenue, Morris Plains, NJ 07054
(973)285-2979 • www.morrisacademy.org

SAYREVILLE: MIDDLESEX COUNTY FIRE ACADEMY

1001 Fire Academy Drive, Sayreville, NJ 08872
(732)727-0008 • <http://tiny.cc/middlesexcofa>

SOMERSET: RUTGERS CONTINUING EDUCATION CENTER AT ATRIUM

300 Atrium Drive, Atrium Corporate Park, Somerset NJ 08873

TOMS RIVER: CLARION

Please note: the hotel's prior name was Quality Inn
815 Route 37 West, Toms River, NJ 08755
(732)341-2400 • www.clarionhoteltomsriver.com

VINELAND: CUMBERLAND COUNTY COLLEGE, CONFERENCE AND EVENTS CENTER

3322 College Drive, Vineland, NJ 08362
(856)691-8600 • www.cccnj.edu/CEC

WARETOWN: OCEAN COUNTY FIRE AND EMS TRAINING CENTER

200 Volunteer Way, Waretown, NJ 08758
(609)242-8450 • <http://tiny.cc/oceancoemstc>

Notes
