

RUTGERS

Continuing Studies

CENTER FOR GOVERNMENT SERVICES

Rutgers, The State University of New Jersey

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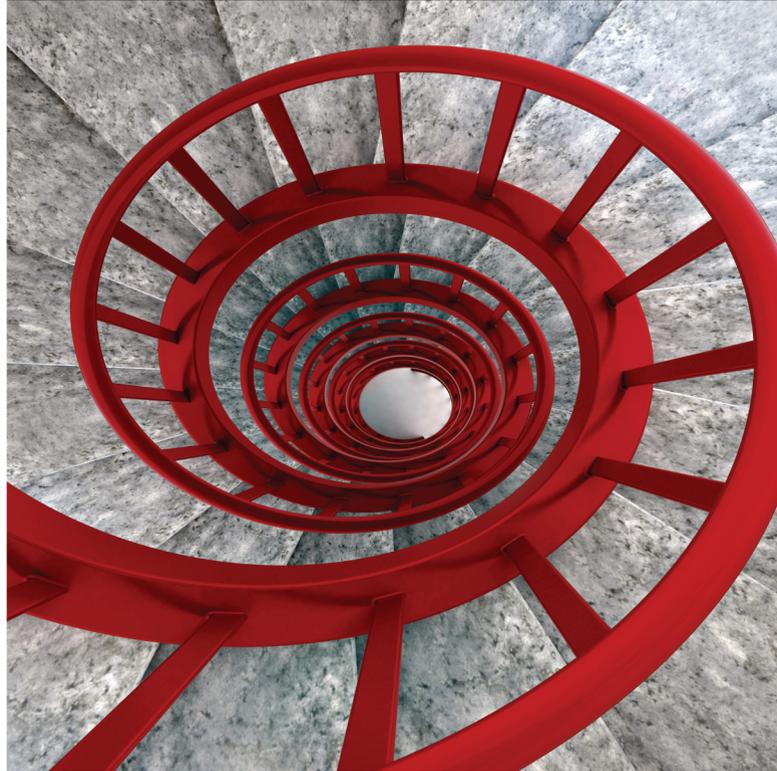
CENTER FOR
GOVERNMENT SERVICES

Construction and Multiple Dwelling Code Enforcement Officials

Technical Assistants

Design Professionals

CONTINUING EDUCATION SEMINARS ||
SPRING 2018 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, 2018, 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, 2018, 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. Evening sessions are scheduled between 6:30 PM and 9:00 PM with registration starting at 6:00 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 2018 Building Safety Conference in Atlantic City on May 2, 3, 4. 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 details see page
Administrative Tool Kit for the UCC	A480		X										6	16
The Uniform Construction Code Act	A581		X										6	39
The UCC for Newly Licensed Officials	A605		X										6	39
The Annual Permit	A606		X										6	37
Five Star Leadership Training	A607		X										6	23
Premanufactured Construction - Today's Building Technology • NEW	A712		X										6	34
UCC Challenge. Are You Ready? • NEW	A713		X										6	40
Ordinary Maintenance, Minor Work/ Emergency Work and Responsibility - A Refresher • NEW	A714		X										6	33
Nuts and Bolts of the Construction Office • NEW	A715		X										6	32
Framing Inspection and Using a Checklist	B290			X										24
Inspection of Metal Plate Connected Wood Trusses and a Component Manufacturing Plant Tour	B525			X										27
Building Inspector Workshop - A Collection of Helpful Tools	B747			X										18
2015 IRC Wood Wall Bracing Provisions	B756			X										16
Framing Checklist - 2015 IRC Compliance	B766			X										23
The Importance of Wall Bracing and Continuous Load Path in the 2015 NJ Code	B784			X										37
Soils, Earthwork and Foundations: a Practical Approach for Building Officials Based on 2015 IBC and IRC*	B786			X										36
Barrier Free 2018	D009		X	X									6	17
Advanced Barrier Free 2018*	D157		X	X									6	16
The Relationships of the Enforcing Regulations	D174		X				X			X			6	38
UCC Special Inspections Program Requirements*	D179		X	X									6	40
The Hotel/Multiple Dwelling Code and UFC Retrofit Provisions*	D185			X			X			X			6	37

Seminar Title	Course Code	Online	Admin	Building	Electrical	Elevator	Fire Protection	Plumbing	Mechanical	Multiple Dwelling	Special Inspector	State Jurisdiction	Reciprocal with DFS	For details see page
Indoor Environmental Quality and Construction	D200			X						X			6	26
Elevator Safety Subcode Revisited	D222		X			X							6	19
Mixed Uses with Emphasis on Parking Garages Using the 2015 IBC	D234			X			X						6	29
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	29
NFPA 20 - Fire Pumps - 2 day*	D267				⚡		X						6	32
NEC-IRC-UCC The Subcode Connection	D278			X	⚡									31
2015 IBC Penetrations, Joints and Dampers*	D280			X			X						6	12
2015 IRC Compliance - NJ Edition	D281			X			X						6	15
Changes to Determining Height and Area using the IBC 2015	D283			X			X						6	18
Introduction to Sprinkler Systems	D287						X			X			6	28
Fire Alarm Documentation and Plan Review	D288				⚡		X						6	20
Understanding the Requirements of Firestop Special Inspections	D289			X	⚡		X						6	41
Inspecting Grease Duct Wrap	D290			X			X		X				6	26
2015 IMC Installation and Venting Requirements for Clothes Dryers and Chimneys	D291			X			X	X	X				6	14
2015 ICC Commercial Cooking Systems	D294			X			X		X				6	13
2015 IFGC Design Installation and Inspection Principles	D295			X			X	X	X				6	14
NFPA 13, NFPA 72 with IBC. ASME 17.1 FEO, FSAE and OEO	D296				P	X	X						6	32
Fire Subcode - 2015 IRC Responsibilities	D300			X			X						6	22
Fire Stop Inspection 2018	D305			X	P		X						6	22
2015 IMC Design Installation and Inspection Principles	D306			X			X	X	X				6	14

Seminar Title	Course Code	Online	Admin	Building	Electrical	Elevator	Fire Protection	Plumbing	Mechanical	Multiple Dwelling	Special Inspector	State Jurisdiction	Reciprocal with DFS	For details see page
Building Subcode Assortment, Includes Special Amusement Uses, Farm Buildings, Membrane Structures, Deck Reviews, Snow and Archaic Fire Ratings* • NEW	D307			X			X						6	17
Welding Testing and Inspection • NEW	D308			X							SS	R		42
Introduction to Fire Alarm Systems* • NEW	D309				P		X			X			6	27
The NJ Rehabilitation Subcode - Advanced Analysis • NEW	D310		X	X			X						6	38
2015 IMC Special Topics: Access and Protection of Equipment and Installation of Specific Appliances • NEW	D311			X			X	X	X				6	15
IMC Exhaust • NEW	D312			X			X	X	X				6	25
2015 IECC Essentials and ASHRAE 90.1 • NEW	D313			X	P			X						13
Handling Water Damaged Electrical Equipment • NEW	D314				P							R		25
Commercial and Residential HVAC and High Efficiency Vent Compliance* • NEW	D315			X			X	X	X				6	19
New Building, Plumbing, Fire and Mechanical Products/Systems - with Code Compliance Analysis* • NEW	D316			X			X	X	X				6	31
Plumbing/Mechanical - Energy Saving and Water Conservation and Green Plumbing w/ Code Compliance Interaction • NEW	D317							X	X					33
Transformer, Generators, Fuel Storage, Critical Equipment and Electrical Containment 2018 • NEW	D318			X	P		X						6	40
Fire Barrier Inspection 2018 • NEW	D319			X			X				SF		6	21
Press Technology for Metallic Piping Systems • NEW	D320							X	X					34
Residential Sprinklers: Homes to High-Rise • NEW	D321						X	X					6	35
The Act, The Regs and Tort Claims* • NEW	D322		X		P								6	36
Energy Code for UCC Subcodes • NEW	D323			X	P			X						20
Masonry Codes and Construction • NEW	D324			X							SC			28
Environmental Concerns & DEP Regulatory Programs Related to the UCC*	D325		X							X			6	20
NEC Article 220 - Branch Circuit, Feeder, and Service Calculations	E155				X									30
Rehabilitation Subcode for the Electrical Inspector	E228				↗									35

Seminar Title	Course Code	Online	Admin	Building	Electrical	Elevator	Fire Protection	Plumbing	Mechanical	Multiple Dwelling	Special Inspector	State Jurisdiction	Reciprocal with DFS	For details see page
Top Reasons for Non Approval in Electric Plan Review and Inspection	E229				⚡									39
Proper Use Group and Building Classifications for Electrical Code Officials	E250				⚡									35
Conductor Sizing and Protection for Electrical Installations	E271				⚡									19
Inspecting Electrical Services and Equipment	E273				⚡									26
2014 National Electrical Code Update and Analysis of Changes and Review to Articles 500-516 (classified) Hazardous Locations	E281				⚡									12
Understanding Labeling Requirements Review of Article 110.16 & 110.24 • NEW	E288				P									41
NEC 2014 Requirements for a Complete Portable and Fixed Emergency Generator System Installation for Single Family Homes on Safety and Reliability • NEW	E289				P									30
NEC 2014 Wiring and Equipment Requirements in Floodplain Locations and Building to the Revised Flood Elevations • NEW	E290				P									30
Mixed Bag - Five Topics in 5 Hours, the Sequel* • NEW	E291				P									29
One-Two family Dwelling Electrical Systems* • NEW	E292				P									33
Fire Protection for High Piled Storage Occupancies • NEW	F594	📖					X						🔥	21
Freeze Protection for Water-Based Fire Protection Systems • NEW	F595	📖					X						🔥	24
Introduction to Special Hazard Fire Suppression Systems • NEW	F596	📖					X						🔥	28
Fire Sprinkler Plan Review • NEW	F597						X						🔥	22
Code Update, ASME A17.1-2016 • NEW	L067					X								18
How to Use ASME A17.2 Guide for Inspection of Elevators, Escalators and Moving Walks. Inspection Methods • NEW	L068					X								25

- ⚡ 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 2018 SEMINARS**E281** ⚡**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, Apr 19 - Fire-Rescue Station 221, Evesham

Tues, May 22 - NJ Sports & Exposition Authority,
Environment Center, Lyndhurst**D248** ⚡**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

Wed, May 23 - RWJ Conference Center, Hamilton

Wed, June 13 - Holiday Inn, Clinton

D280 ⚡**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, Apr 03 - Grand Hotel, Cape May

Wed, Apr 11 - Holiday Inn, Clark

D294 ⚡**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

Wed, Apr 18 - Holiday Inn, Clinton

Wed, May 16 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing**D313** ⚡ (pending) **NEW****2015 IECC ESSENTIALS AND ASHRAE 90.1****Instructor: International Code Council***Credit: building, electrical, plumbing*

This seminar enables participants to better understand and apply the critical concepts of the 2015 International Energy Conservation Code and relevant provisions within ASHRAE 90.1. These concepts provide a basis for the correct use of the code in the design, plan review, inspection, and analysis of projects. Participants will discuss how to apply the code in clear-cut situations to build their understanding of the intent of the code when asked to make code compliance decisions to increase the efficient use of energy in the construction of new buildings and alterations to existing buildings. 0.5 CEU

Wed, Apr 25 - Camden Cty Regional Emergency Training
Center, Blackwood

Thurs, June 14 - Holiday Inn, Clinton

D295 🔥**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 04 - Grand Hotel, Cape May

Tues, Apr 17 - Holiday Inn, Clinton

D306 🔥**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 28 - Holiday Inn, Budd Lake

Wed, June 20 - Ocean Cty Fire and EMS Training Center,
Waretown**D291** 🔥**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

Tues, Apr 03 - Bergen Cty Law and Public Safety Institute,
MahwahThurs, June 14 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing**D311** 🔥 **NEW****2015 IMC SPECIAL TOPICS: ACCESS AND PROTECTION OF EQUIPMENT AND INSTALLATION OF SPECIFIC APPLIANCES****Instructor: IAPMO***Credit: building, fire protection, plumbing, mechanical*

This seminar identifies access requirements to get to and safely service appliances on roofs with emphasis on ladder, platform, and roof hatch requirements. Other topics include access to equipment in attics, crawlspaces and other locations along with other special requirements such as walkways, service platforms, ceiling heights, lighting and certain energy code issues to watch for. In addition, participants will walk away with a better understanding of the proper installation requirements per the 2015 IMC and other related code provisions that guide these installations. 0.5 CEU

Tues, Apr 17 - Fire-Rescue Station 221, Evesham

Tues, May 15 - Executive Inn, Fairfield

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

Fri, May 11 - Holiday Inn, Budd Lake

Fri, June 22 - Ocean Cty Fire and EMS Training Center,
Waretown**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

Tues, Apr 10 - Holiday Inn, Clark

Tues, May 15 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing

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, May 22 - RWJ Conference Center, Hamilton

Tues, June 12 - Holiday Inn, Clinton

A480**ADMINISTRATIVE TOOL KIT FOR THE UCC****Instructor: Richard Osworth***Credit: administrative*

In today's world, local officials are required to multi task and to do more with less. This seminar reviews current regulations and methodologies to assist the local official with establishing a comprehensive management tool kit. The specific tools are personnel management, cost analysis, staffing allocations, working within different organizations, interlocal cooperation, and conflict of interest and ethics. Seminar participants will build an organizational chart, develop job descriptions, conduct personnel evaluations, and evaluate staffing requirements for a medium sized local enforcing agency. The basic tools of these tasks will be presented and discussed with samples based on current laws and regulations. 0.5 CEU

Thurs, May 10 - Clarion, Toms River

Fri, June 22 - The Inn at Lambertville Station, Lambertville

D157**ADVANCED BARRIER FREE 2018*****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

Wed, May 16 - Rutgers Continuing Education Center at Atrium, Somerset

Thurs, May 24 - RWJ Conference Center, Hamilton

D009**BARRIER FREE SUBCODE 2018****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

Tues, March 27 - Monmouth Cty Fire Academy, Freehold

Fri, May 18 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing

Fri, June 22 - Online - Go To Training

D307**BUILDING SUBCODE ASSORTMENT, INCLUDES SPECIAL AMUSEMENT USES, FARM BUILDINGS, MEMBRANE STRUCTURES, DECK REVIEWS, SNOW AND ARCHAIC FIRE RATINGS*****Instructor: Jack Boekhout Consulting, LLC***Credit: building, fire protection*

More and more commercial farm buildings have been put to use for special amusement. This seminar helps inspectors understand the modifications needed to maintain safety when the use of a structure is changed from a basic agricultural building to one of assembly. Students will learn what is required for special amusement buildings and why they must be designed by using sections taken from several codes. This seminar includes several additional topics: membrane structures and their review for size of structure based on the type of materials and use; determining snow load compliance for structures to help do deck reviews; and finally, ways to determine a fire rating of a structural assembly in an existing structure. 0.5 CEU

Thurs, Apr 05 - Bergen Cty Law and Public Safety Institute,
Mahwah

Fri, May 25 - RWJ Conference Center, Hamilton

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, Apr 10 - Camden Cty Educational Services Commission,
 Clementon

Fri, May 11 - Ocean Cty Fire and EMS Training Center,
 Waretown

D283
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, Apr 11 - Camden Cty Educational Services Commission,
 Clementon

Tues, Apr 24 - Morris Cty Public Safety Training Academy,
 Parsippany

L067 NEW
CODE UPDATE, ASME A17.1-2016

Instructor: NAESA

Credit: elevator

This seminar informs students of the current edition of ASME A17.1 by covering codes ASME A17.1-2016 Safety Code for Elevators and Escalators. Participants will review such code sections as definitions, electric elevator, hydraulic elevator, LULA, residential, escalator, engineering tests and type tests, maintenance, repair, replacement and testing, and acceptance testing. 0.5 CEU

Thurs, June 21 - Foundation for Educational Administration,
 Monroe

D315  **NEW**
COMMERCIAL AND RESIDENTIAL HVAC AND HIGH EFFICIENCY VENT COMPLIANCE*

Instructor: Fritz Reuss

Credit: building, fire protection, plumbing, mechanical

This seminar provides a code compliance overview of HVAC systems (commercial and residential) and high efficiency vent installation requirements. Plan review and inspection protocols are evaluated regarding duct system compliance, minimum ventilation, flue venting compliance, outdoor air clearance criteria, etc. This seminar will strengthen the code official's understanding of manufacturers' installation requirements and specific HVAC code compliance. Specific examples and compliance scenarios are reviewed. 0.5 CEU

Thurs, Apr 05 - Grand Hotel, Cape May

Wed, June 06 - Executive Inn, Fairfield

Mon, June 11 - Online - Go To Training

E271 
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

Tues, May 15 - Rutgers Continuing Education Center at Atrium,
 Somerset

Tues, June 19 - The Inn at Lambertville Station, Lambertville

D222 
ELEVATOR SAFETY SUBCODE REVISITED

Instructor: Richard Osworth

Credit: administrative, elevator

The Elevator Subcode was established by regulation in 1992 in response to continued concern for the safe operation of elevator devices and required building access. Since then the program has moved from ad hoc enforcement to a comprehensive ongoing inspection program. The seminar is designed to be a refresher course on the principles and practices of the elevator safety program. The elevator subcode has specific program procedures designed to bring together both new construction, changes and upgrades and maintenance programs in a manner that balances the need for building access while also assuring safe operation. The

elevator subcode official's role and responsibilities differ from other subcodes and this seminar fully explores the unique attributes of the position. 0.5 CEU

Fri, May 11 - Clarion, Toms River

Fri, May 18 - Executive Inn, Fairfield

D323 (pending) **NEW** **ENERGY CODE FOR UCC SUBCODES**

Instructor: Dennis Pino, Nick Fabiano, Fritz Reuss

Credit: building, electrical, plumbing

This seminar is designed to promote positive change by providing a complete overview of energy efficiency elements applicable to single-family R-5 type structures with detailed focus on assigned Subcode responsibilities for plan review and inspection. From permit application to certificate issuance, this seminar busts the myths, challenges misconceptions and provides facts. Included are permit and construction plan elements, compliance documentation, energy codes, code commentary and an overview of the rehabilitation subcode rules applicable to R-5 energy codes. 0.5 CEU

Thurs, May 10 - Holiday Inn, Budd Lake

Thurs, June 21 - Ocean Cty Fire and EMS Training Center,
Waretown

D325 **NEW** **ENVIRONMENTAL CONCERNS & DEP REGULATORY PROGRAMS RELATED TO THE UNIFORM CONSTRUCTION CODE***

Instructor: Marie Daniels, DEP

Credit: administrative, hotel/multiple dwelling

This seminar provides an outline of potential environmental concerns (including mold, radon, lead, asbestos, and others) related to or addressed in the Uniform Construction Code and explains how these issues may be addressed. In addition, this seminar provides a general overview of the Department of Environmental Protection's (DEP) regulatory programs and how DEP's Office of Permit Coordination and Environmental Review can assist in identifying and facilitating permit determination for a new project. 0.5 CEU

Thurs, June 21 - Rutgers EcoComplex, Bordentown

D288 **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 18 - Fire-Rescue Station 221, Evesham

Wed, May 30 - Middlesex Cty Fire Academy, Sayreville

D319 **NEW** **FIRE BARRIER INSPECTION 2018**

Instructor: Sinisi Associates LLC

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

This seminar delivers education on fire barrier inspection and is designed for the municipal, state and special inspector responsible for fire barrier integrity and enforcement. The program incorporates a mix of topics on fire dampers, fire doors, fire stops, draft stops and fire rated wall and floor construction inspection. This seminar provides highlights and photos of condominium fire barriers and draft stops, fire barriers for boiler rooms and fuel storage and all components that make up fire and smoke barriers in buildings and facilities. Additional attention and examples for long term care facilities, dormitory, apartments and multi-dwelling unit buildings are part of the program as well as transformer barriers and plan review. 0.5 CEU

Tues, Apr 24 - Foundation for Educational Administration,
Monroe

Thurs, May 24 - NJ Sports & Exposition Authority,
Environment Center, Lyndhurst

F594 **NEW** **FIRE PROTECTION FOR HIGH PILED STORAGE OCCUPANCIES**

Instructor: Fire Smarts, LLC

Credit: fire protection

High piled storage is one of the most challenging and often misapplied fire protection scenarios. This seminar is based on the provisions of both the International Fire Code, Chapter 32 and NFPA 13 Standard for the Installation of Sprinkler Systems and reviews the key decision points to determine the appropriate fire protection requirements for high piled storage applications. Utilizing an interactive teaching method, this seminar follows the path that an engineer, designer, or AHJ uses when evaluating high piled storage. The foundational questions of "What is high piled storage?", "How does commodity classification impact the definition of high piled storage?", "What triggers specific fire protection requirements for high piled storage?", and "How is high piled storage fire protection provided?" are reviewed in detail. 0.5 CEU

Monday, March 26 - Online - Go To Training

F597  **NEW****FIRE SPRINKLER PLAN REVIEW****Instructor: Dave Kurasz, NJ Fire Sprinkler Advisory Board***Credit: fire protection*

Examining fire sprinkler shop drawings, cut sheets and hydraulic calculations is a primary duty of the authority having jurisdiction. This seminar provides efficient method of reviewing plans and others fire sprinkler documents. Attendees will learn what documents to accept to start a review, what steps to take through the fire sprinkler design and systems review, and how to have confidence while reviewing hydraulic calculations.

This seminar applies current codes and standards to fire sprinkler systems from the initial site plan review, through the construction documents, to the as-built drawings. Significant time is spent on how to effectively communicate deficiencies to the design professionals. Students will receive a handout that provides detailed checklists with expert commentary for the fire sprinkler plan reviewer. 0.5 CEU

Thurs, Apr 26 - Morris Cty Public Safety Training Academy,
Parsippany

Fri, June 15 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing

D305  *⚡ (pending)***FIRE STOP INSPECTION 2018****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

Thurs, Apr 19 - Somerset Cty Emergency Services
Training Academy, Hillsborough

Tues, June 12 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing

D300 **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

Thurs, Apr 19 - Holiday Inn, Clinton

Fri, June 08 - Fire-Rescue Station 221, Evesham

A607 **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, Apr 20 - Fire-Rescue Station 221, Evesham

Fri, May 25 - NJ Sports & Exposition Authority,
Environment Center, Lyndhurst

B766**FRAMING CHECKLIST - 2015 IRC COMPLIANCE****Instructor: Dennis Pino, Nick Fabiano, Dennis Bott***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

Thurs, Apr 26 - Camden Cty Regional Emergency
Training Center, Blackwood

Fri, May 18 - Rutgers Continuing Education Center at Atrium,
Somerset

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 06 - Rutgers EcoComplex, Bordentown

Fri, June 08 - Rutgers Continuing Education Center at Atrium, Somerset

F595   **NEW**
FREEZE PROTECTION FOR WATER-BASED FIRE PROTECTION SYSTEMS**Instructor: Fire Smarts, LLC***Credit: fire protection*

This seminar covers the NFPA standards requiring water-based fire protection systems to be protected against freezing. It exams the conditions that trigger mandatory freeze protection along with the approved options for meeting the requirement. The design limitations and economic impact (including maintenance) of using dry pipe systems, preaction systems, insulation, heat tracing, antifreeze solutions, and other potential protection methods is examined. Participants will learn to identify and apply the items needed to be considered when making a choice on how best to provide adequate protection. 0.5 CEU

Fri, May 18 - Online - Go To Training

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

Thurs, May 31 - Middlesex Cty Fire Academy, Sayreville

NO. 24

D314  (pending) **NEW**
HANDLING WATER DAMAGED ELECTRICAL EQUIPMENT**Instructor: Stephen Norako***Credit: electrical, amusement rides*

From residential areas to heavy-duty industrial facilities, damage caused by water, both fresh and salt water, is of major concern, especially with electrical equipment and wiring. If not properly identified and addressed, electrical equipment and wiring subject to water damage can result in fire, explosion, and even death. This seminar reviews the administration and enforcement activities as per N.J.A.C.5:23 Electrical Subcode. Participants will learn the concerns and methods of remediation recommended by the National Electrical Manufacturers Association, specific manufacturers, Underwriters Laboratories, IAEI and the NEC that will provide a guide to the electrical inspector when confronted with this matter. NEC 2014 updates and analysis of changes are also discussed where appropriate. 0.5 CEU

Thurs, May 10 - Ocean Cty Fire and EMS Training Center, Waretown

Wed, June 20 - The Inn at Lambertville Station, Lambertville

L068 **NEW**
HOW TO USE ASME A17.2 GUIDE FOR INSPECTION OF ELEVATORS, ESCALATORS AND MOVING WALKS. INSPECTION METHODS**Instructor: NAESA***Credit: elevator*

This fast pace interactive seminar offers a brief history of ASME A 17.2 guide, as well as detailed review of the guide chapters and appendices. Participants will also discuss several practice situations scenarios. An overview of the types of inspections, inspection resources, a review of authority having jurisdiction (AHJ) expectations, and reporting and writing citation are also addressed during this seminar. 0.5 CEU

Fri, June 22 - Foundation for Educational Administration, Monroe

D312  **NEW**
IMC EXHAUST
Instructor: IAPMO*Credit: building, fire protection, plumbing, mechanical*

This seminar provides a detailed review and discussion of environmental air ducts and product conveying, commercial hoods and kitchen ventilation, environmental air ducts and product conveying systems, flammable vapor or fumes, product conveying ducts, domestic range vents, dryer exhaust duct, heat recovery ventilators and termination of environmental air ducts. 0.5 CEU

Tues, May 29 - Holiday Inn, Hasbrouck Heights

Tues, June 12 - Monmouth Cty Fire Academy, Freehold

NO. 25

**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

Wed, May 16 - Executive Inn, Fairfield

Thurs, May 24 - Grand Hotel, Cape May

**E273 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

Wed, May 23 - NJ Sports & Exposition Authority,
Environment Center, Lyndhurst

Tues, June 05 - Fire-Rescue Station 221, Evesham

**D290 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

Fri, Apr 06 - Bergen Cty Law and Public Safety Institute,
MahwahThurs, Apr 26 - Foundation for Educational Administration,
Monroe**B525****INSPECTION OF METAL PLATE-CONNECTED WOOD TRUSSES AND A COMPONENT MANUFACTURING PLANT TOUR****Instructor: Structural Building Components Association***Credit: building*

This session provides attendees with a better understanding of the manufacturing of structural building components by touring a manufacturing plant. Attendees will gain knowledge about the products and how the design and manufacturing process affects the installed products that inspectors see daily on construction sites. The seminar gives attendees the tools to perform comprehensive framing inspections of metal plated connected wood roof and floor trusses. It acquaints attendees with various applications involving trusses, repair, and correct installation procedures focusing on truss design documentation. The tour gives participants an in-depth look at a business that designs, supplies, and provides technical support for these products. Participants will learn various applications involving trusses, including design documentation and design responsibilities. 0.5 CEU

Fri, June 15 - Woodhaven Lumber, Lakewood

**D309 (pending) NEW INTRODUCTION TO FIRE ALARM SYSTEMS*****Instructor: Fire Smarts, LLC***Credit: electric, fire protection, hotel/multiple dwelling*

This seminar covers fire alarm system basics based on NFPA 72 National Fire Alarm and Signaling Code. An overview of fire alarm system components is provided starting with the fire alarm control panel and power supplies. Fire alarm initiating devices are discussed including smoke detectors, duct detectors, heat detectors, pull stations, tamper switches and water-flow switches. Fire alarm notification devices such as horns and strobes are also discussed along with a review of the fundamental requirements that apply to most fire alarm systems. The basics of fire alarm system design and items required for plan review are also covered. 0.5 CEU

Tues, March 27 - Cumberland Cty College Conference and
Events Center, VinelandWed, Apr 25 - Foundation for Educational Administration,
Monroe

F596  **NEW****INTRODUCTION TO SPECIAL HAZARD FIRE SUPPRESSION SYSTEMS****Instructor: Fire Smarts, LLC***Credit: fire protection*

This seminar introduces the attendees to water and non-water based fire suppression systems, which are used as an option to standard sprinkler systems or where sprinkler systems are ineffective with the hazard. These systems include water-mist (NFPA 750), clean agents (NFPA 2001), high expansion foam (NFPA 11), and CO₂ (NFPA 12). Participants will receive an overview of how the systems work, the appropriate hazards, basic design criteria, and the advantages and disadvantages for each type of system. 0.5 CEU

Mon, June 04 - Online - Go To Training

D287 **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

Tues, Apr 10 - Hampton Inn, Denville

Thurs, June 28 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing**D324** **NEW****MASONRY CODES AND CONSTRUCTION****Instructor: International Masonry Institute***Credit: building, special inspector (concrete)*

This seminar is covering a variety of topics to familiarize participants with the codes that guide masonry construction. This seminar begins with code updates based on I-codes and referenced Building Code Requirements and Specification for Masonry Structures (also known as MSJC or TMS 402/602 or ACI 530/530.1 or ASCE 5/6). To better understand field practices of masonry contractors, special attention is given to job site troubleshooting and conditions for masonry projects. Time is also spent on cold weather provisions for masonry construction in NJ, flashing and moisture control for masonry. Finally, this seminar reviews different movement joints in masonry construction and how they function. 0.5 CEU

Tues, May 15 - Bricklayers and Allied Craftworkers Local 4 NJ,
FairfieldFri, June 22 - Bricklayers and Allied Craftworkers Local 5 NJ,
Bordentown**E291**  (pending) **NEW****MIXED BAG - FIVE TOPICS IN 5 HOURS, THE SEQUEL*****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 to be discussed include feeder load calculations, parallel conductor installations, existing electrical installations and wiring for 1 & 2 family, requirements for appliances, and installation, substitution and inspection of LV cabling types. 0.5 CEU

Thurs, Apr 05 - Rutgers EcoComplex, Bordentown

Wed, June 27 - Holiday Inn, Hasbrouck Heights

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, June 01 - 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

Thurs, Apr 12 - Camden Cty Educational Services
Commission, Clementon

Wed, May 30 - Holiday Inn, Hasbrouck Heights

E289 ✈ (pending) **NEW**
**NEC 2014 REQUIREMENTS FOR A COMPLETE PORTABLE
 AND FIXED EMERGENCY GENERATOR SYSTEM
 INSTALLATION FOR SINGLE FAMILY HOMES ON SAFETY
 AND RELIABILITY**

Instructor: Stephen Norako

Credit: electrical

As the demand for emergency power increases, the safety concerns increase as well. Often considered a DIY item, homeowners can quickly put themselves in danger by using and installing emergency generators. This seminar reviews the NEC 2014 specific requirements of portable and fixed generator systems for a single family home, along with the required permit process, power transfer needs and types, fuel type, grounding criteria variables, capacity, ampacity, wiring, spacing, indication signs, exceptions, and proactive measures to promote a reliable and safe installation. 0.5 CEU

Fri, Apr 20 - Somerset Cty Emergency Services
 Training Academy, Hillsborough

Wed, May 23 - Grand Hotel, Cape May

E290 ✈ (pending) **NEW**
**NEC 2014 WIRING AND EQUIPMENT REQUIREMENTS
 IN FLOODPLAIN LOCATIONS AND BUILDING TO THE
 REVISED FLOOD ELEVATIONS**

Instructor: Stephen Norako

Credit: electrical

Severe flooding along coastal, river and lake regions have brought about floodplain changes that affect building construction in New Jersey. This seminar addresses NEC 2014 wiring and equipment requirements within flood hazard areas as directed by The American Society of Civil Engineers Flood Resistance Design ASCE/SEI 24-05. Special attention is given to the recent changes to Base Flood Elevation brought about by recent severe flooding. Participants will review different flood hazard categories and their requirements for materials, electrical wiring and electrical equipment, flood proofing, utilities, building access and miscellaneous construction. 0.5 CEU

Wed, May 09 - Clarion, Toms River

Tues, June 19 - Foundation for Educational Administration,
 Monroe

E155 🖨 **NEW**
**NEC ARTICLE 220 - BRANCH CIRCUIT, FEEDER, AND
 SERVICE CALCULATIONS**

Instructor: Tom Pernal Electrical Seminars, LLC

Credit: electrical

This seminar provides inspectors and design professionals with the knowledge to perform plan review, design, and

inspection of branch circuit, feeder, and service installations. NEC Article 220 is the main source of content for this seminar. NEC Chapter 3 and 4 and other interrelated articles are also referenced and utilized for examples, sample calculations, and worksheets. 0.5 CEU

Fri, June 29 - Online - Go To Training

D278 ✈ **NEW**
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

Fri, Apr 13 - Hampton Inn, Denville

Fri, June 01 - Cumberland Cty College Conference and
 Events Center, Vineland

D316 🚰 **NEW**
**NEW BUILDING, PLUMBING, FIRE AND MECHANICAL
 PRODUCTS/SYSTEMS - WITH CODE COMPLIANCE
 ANALYSIS***

Instructor: Fritz Reuss

Credit: building, fire protection, plumbing, mechanical

This seminar addresses manufacturers' and code requirements pertaining to new building, fire, plumbing and mechanical systems and products. The topics to be discussed include new vertical sheeting and fasteners, innovative systems and products for wireless systems, CSST, PEX systems, new kitchen hoods, high efficiency systems, etc. The purpose of this seminar is to enable the inspectors to review, analyze, discuss and fully understand the current code requirements and manufacturers' installation requirements as they pertain to new systems, materials and products. 0.5 CEU

Wed, Apr 11 - Hampton Inn, Denville

Wed, May 30 - Cumberland Cty College Conference and
 Events Center, Vineland

Wed, June 27 - Clarion, Toms River

D296 ⚡ (pending) 🔒**NFPA 13, NFPA 72 WITH IBC. ASME 17.1 FEO, FSAE AND OEO****Instructor: NAESA***Credit: fire protection, electrical, elevator*

This fast pace interactive seminar takes the attendees through a brief history of NFPA 13 and 72, ASME A17.1 FEO, FSAE and OEO. Participants will discuss the NFPA's chapters as they refer to ASME A17.1 including installation and maintenance requirements of sprinklers and alarm initiating devices for elevators and escalators. Participants will also explore IBC and how it interacts with FEO, FSAE and OEO. 0.5 CEU

Tues, Apr 17 - Somerset Cty Emergency Services Training Academy, Hillsborough

D267 ⚡ 🔒**NFPA 20 - FIRE PUMPS - 2 DAY*****Instructor: Fire Smarts, LLC***Credit: fire protection, electrical*

This seminar provides a detailed review of the design, installation, and acceptance testing of stationary fire pumps. The seminar begins with a review of basic pump principles including laminar and balanced flow along with basic hydraulic principles. The difference between centrifugal and positive displacement pumps is examined. The attendees will learn about the various types of centrifugal fire pumps and how each are best applied. Installation requirements are thoroughly reviewed with illustrations of acceptable and unacceptable layouts. The purpose of pressure maintenance (jockey) pumps is thoroughly examined including methods for choosing the correct capacity. The requirement for motor drivers, engine drivers, and their controllers is examined. Finally, the seminar covers the requirements for acceptance testing and the required documentation for an approved fire pump installation. 1.0 CEU

Tues, June 19 & Wed, June 20 - Rutgers EcoComplex, Bordentown

A715 🔒 **NEW****NUTS AND BOLTS OF THE CONSTRUCTION OFFICE****Instructor: Valerie Waricka***Credit: administrative*

This seminar is designed to be a refresher course for Construction Officials, Subcode Officials and Technical Assistants. Each member of the building department has a specific role in the permit process and each member's decisions affect each other. Participants will take an in-depth look at the UCC requirements for each member and how their role affects each other in the office. Participants will also discuss ways to increase and encourage productivity in their office. 0.5 CEU

NO. 32

Thurs, March 29 - Monmouth Cty Fire Academy, Freehold

Thurs, June 07 - Rutgers Continuing Education Center at Atrium, Somerset

E292 ⚡ (pending) **NEW****ONE-TWO FAMILY DWELLING ELECTRICAL SYSTEMS*****Instructor: Tom Pernal Electrical Seminars, LLC***Credit: electrical*

This seminar provides inspectors with the knowledge to perform plan review and inspection in one- & two family dwellings. Select chapters from the IAEE One- & Two-Family Dwelling Electrical Systems are covered to be of particular use for inspectors with licenses in multiple disciplines. UCC references are included where they differ from requirements found in the National Electrical Code. 0.5 CEU

Fri, Apr 06 - Grand Hotel, Cape May

Thurs, June 28 - Clarion, Toms River

A714 🔒 **NEW****ORDINARY MAINTENANCE, MINOR WORK/EMERGENCY WORK AND RESPONSIBILITY - A REFRESHER****Instructor: Fritz Reuss***Credit: administrative*

With the recent changes to the NJ Uniform Construction Code requirements for the ordinary maintenance, minor and emergency work compliance and responsibility, this seminar enables code officials, as well as the technical assistants to determine if a construction permit is required, as well as to obtain full knowledge as to when and where to apply minor and emergency work procedures. Discussion on responsibility requirements in accordance with the NJUCC provides participants with understanding of their associated role during plan review and inspection for various code compliance chapters/sections. 0.5 CEU

Tues, June 05 - Executive Inn, Fairfield

Tues, June 26 - Clarion, Toms River

D317 **NEW****PLUMBING/MECHANICAL - ENERGY SAVING AND WATER CONSERVATION AND GREEN PLUMBING WITH CODE COMPLIANCE INTERACTION****Instructor: Fritz Reuss***Credit: plumbing, mechanical*

An in-depth evaluation of plumbing/mechanical energy saving systems and water conserving products and their interaction with the construction code requirements is offered at this seminar. Participants will analyze how the new energy conserving and water conserving systems interrelate with the 2015 energy code, 2015 International Codes and the 2015 National Standard Plumbing Code. Specific code compliance examples are reviewed. Water conserving and "green"

NO. 33

plumbing and mechanical systems are evaluated against specific code requirements. 0.5 CEU

Wed, Apr 25 - Morris Cty Public Safety Training Academy,
Parsippany

Wed, June 13 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing

A712 **NEW** **PREMANUFACTURED CONSTRUCTION - TODAY'S BUILDING TECHNOLOGY**

Instructor: Richard Osworth

Credit: administrative

This seminar explores the law as it relates to premanufactured construction. Participants will discuss the ways in which the regulations allow for the acceptance of these systems while insuring compliance with the adopted national codes. The acceptance of building components or an entire building is based on the concept of quality control and quality assurance in the manufacturing process. The seminar focuses on the basics of quality control and assurance programs and the methods used to ensure that the product meets the code. The various premanufactured building programs controlled by federal, interstate and state jurisdictions are also presented. 0.5 CEU

Wed, May 09 - Ocean Cty Fire and EMS Training Center,
Waretown

Thurs, May 17 - Executive Inn, Fairfield

D320 **NEW** **PRESS TECHNOLOGY FOR METALLIC PIPING SYSTEMS**

Instructor: Viega, LLC

Credit: plumbing, mechanical

This seminar covers the various types of press connection systems being utilized in today's plumbing, mechanical, HVAC, and industrial installations. Included is copper tube size (CTS) press systems for liquid and gas, and iron pipe size (IPS) press systems for liquid and gas. The participants will learn about typical residential and commercial applications, installation best-practices, tooling, and pressure testing. Approvals, codes, and standards governing these systems are also covered during this seminar. Stainless steel press systems for liquid, gas, and other industrial type applications are addressed as well. This seminar also contrasts press technology to traditional methods of pipe joining. 0.5 CEU

Tues, May 29 - Cumberland Cty College Conference and
Events Center, Vineland

Fri, June 01 - Holiday Inn, Hasbrouck Heights

E250 (pending) **NEW** **PROPER USE GROUP AND BUILDING CLASSIFICATIONS FOR ELECTRICAL CODE OFFICIALS**

Instructor: Don Clare

Credit: electrical

This seminar addresses the difficulties that electrical professionals may encounter in the field and during plan review. Changes in the regulations cause modifications of the electrical professionals' responsibilities as defined in the Uniform Construction Code 5:23-3.4. As electrical professionals are required to more extensively use building code regulations, this seminar educates participants on such topics as building uses, building classifications, and type of structure. 0.5 CEU

Fri, Apr 13 - Holiday Inn, Clark

Tues, May 08 - Ocean Cty Fire and EMS Training Center,
Waretown

E228 **REHABILITATION SUBCODE REQUIREMENTS FOR THE ELECTRICAL INSPECTOR**

Instructor: Richard Napier

Credit: electrical

The Rehabilitation Subcode has proven to be confusing and is often misunderstood. This seminar helps participants in identifying the changes in the Rehabilitation Subcode and how it relates to the responsibilities of the electrical inspector and subcode official. The topics cover the Rehabilitation Subcode development, the intent of the Rehabilitation Subcode and its application in plan review and inspection. 0.5 CEU

Tues, May 08 - Clarion, Toms River

Fri, June 22 - Rutgers EcoComplex, Bordentown

D321 **NEW** **RESIDENTIAL SPRINKLERS: HOMES TO HIGH-RISE**

Instructor: Fire Smarts, LLC

Credit: fire protection, plumbing

The protection of residential occupancies is unique with its distinct requirements for the use and location of sprinklers. Systems installed in accordance with NFPA 13D Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes and 13R Standard for the Installation of Sprinklers in Low-Rise Residential Occupancies are largely life safety in their purpose while those installed in dwelling units as allowed by NFPA 13 Standard for the Installation of Sprinkler Systems are a part of a larger protection scenario. This seminar examines the requirements for each document and the desired protection objectives. The

content is based on NFPA 13, 13R, and 13D. 0.5 CEU

Wed, Apr 04 - Bergen Cty Law and Public Safety Institute,
Mahwah

Wed, Apr 18 - Somerset Cty Emergency Services Training
Academy, Hillsborough

Wed, June 06 - Fire-Rescue Station 221, Evesham

B786
**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

Thurs, March 29 - Holiday Inn, Budd Lake

Tues, June 19 - Ocean Cty Fire and EMS Training Center,
Waretown

D322 ⚡ (pending) **NEW**
THE ACT, THE REGS AND TORT CLAIMS*
Instructor: David Greenhill, No Shorts Electrical Seminars
Credit: administrative, electrical

This seminar addresses the issues of uniformity as it relates to the understanding, interpreting and enforcing of the Uniform Construction Code. This seminar helps participants fully understand why the codes are written. Special attention is given to the introduction to N.J.S.A 52:27D The Construction Code Act and The Tort claims Act N.J.S.A. 59:1-1. Participants will discuss N.J.A.C. 5:23 the Uniform Construction Code. 0.5 CEU

Thurs, Apr 12 - Holiday Inn, Clark

Thurs, June 07 - Fire-Rescue Station 221, Evesham

A606 ⚡
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

Thurs, June 21 - The Inn at Lambertville Station, Lambertville

Wed, June 27 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing

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

Fri, May 25 - Grand Hotel, Cape May

Fri, June 15 - Holiday Inn, Clinton

B784
**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

Tues, May 29 - Middlesex Cty Fire Academy, Sayreville
 Tues, June 05 - Rutgers Continuing Education Center at
 Atrium, Somerset

D310 **NEW** **THE NJ REHABILITATION SUBCODE - ADVANCED ANALYSIS**

Instructor: James Foran

Credit: administrative, building, fire protection

This seminar focuses on construction scenarios and illustrations which include some, or all of the pertinent areas of concern which are regulated by the New Jersey rehabilitation subcode. The participants will learn how to determine which portions of the Rehab Code to apply and how to apply those sections. 0.5 CEU

Wed, March 28 - Cumberland Cty College Conference and
 Events Center, Vineland

Fri, Apr 20 - Holiday Inn, Clinton

Wed, June 20 - Foundation for Educational Administration,
 Monroe

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

Thurs, May 31 - Holiday Inn, Hasbrouck Heights

Wed, June 13 - Monmouth Cty Fire Academy, Freehold

Tues, June 26 - Atlantic Cape Community College,
 Rutgers Building Q, Mays Landing

A605

THE UCC FOR NEWLY LICENSED OFFICIALS

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

Fri, May, 25 - Online - Go To Training

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

Tues, May 22 - Grand Hotel, Cape May

Tues, June 26 - Holiday Inn, Hasbrouck Heights

E229 (pending) **NEW** **TOP REASONS FOR NON APPROVAL IN ELECTRICAL PLAN REVIEW AND INSPECTION**

Instructor: Richard Napier

Credit: electrical

The goal of this seminar is to identify several of the most common violations of the codes enforced by the electrical subcode including the NEC, IECC, IRC, IFGC, and UCC to help electrical subcode officials in their plan review and inspections. 0.5 CEU

Thurs, June 07 - Executive Inn, Fairfield

Fri, June 15 - Monmouth Cty Fire Academy, Freehold

D318 ⚡ (pending) **NEW**
**TRANSFORMER, GENERATORS, FUEL STORAGE,
 CRITICAL EQUIPMENT AND ELECTRICAL CONTAINMENT
 2018**

Instructor: Sinisi Associates LLC

Credit: building, fire protection, electrical

This seminar delivers up to date education on inspection of protection of transformers, electrical power, generators and equipment and fuel storage containment areas. Many of today's buildings, hotels, multi-family dwellings, schools, long term care and assisted living and campuses are equipped with new uninterrupted power suppliers, generators, battery banks, transformers, fuel storage and special emergency equipment and electrical rooms. There are also many new substations in NJ communities. This seminar focuses on protection, containment and separation to provide protection and resilience. The program incorporates a mix of education on inspection of new materials, transformer rooms, and dampers/doors/stops/smoke. 0.5 CEU

Wed, June 06 - Rutgers Continuing Education Center at Atrium, Somerset

Thurs, June 14 - Monmouth Cty Fire Academy, Freehold

Thurs, June 28 - Holiday Inn, Hasbrouck Heights

A713 ⚡ **NEW**

UCC CHALLENGE. ARE YOU READY?

Instructor: Dennis Pino, Nick Fabiano, Patrick Reardon

Credit: administrative

This high-paced interactive seminar is developed for all disciplines and all agency staff. Participants will discuss numerous real-life UCC scenarios dealing with ordinary maintenance, minor work amendments to existing reconstruction project elements, individual subcode technical sections, complete permit application requirements, footing inspections, finals with certificate issuance, new construction, additions in the rehabilitation subcode, and much more. This seminar busts the myths, challenges misconceptions and gets the facts to ensure uniform administrative enforcement. 0.5 CEU

Thurs, Apr 12 - Hampton Inn, Denville

Thurs, May 17 - Rutgers Continuing Education Center at Atrium, Somerset

Thurs, May 31 - 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

Tues, March 27 - Holiday Inn, Budd Lake

Tues, Apr 24 - Camden Cty Regional Emergency Training Center, Blackwood

E288 ⚡ (pending) **NEW**
**UNDERSTANDING LABELING REQUIREMENTS - REVIEW
 OF ARTICLE 110.16 & 110.24**

Instructor: Joe Bevacqua & Al Cox

Credit: electrical

This seminar provides a clear understanding of NFPA 70, 2014 NEC Articles 110.16 and 110.24 installation requirements. Arc-flash hazard warning, available fault current & NFPA 70 E (Electrical Safety in the Workplace) can be confusing. Safety labels are required to be installed by the electrical contractor and inspected by the local electrical inspector. All labels and the required information for each code section are addressed in this seminar. 0.5 CEU

Wed, March 28 - Monmouth Cty Fire Academy, Freehold

Wed, May 09 - Holiday Inn, Budd Lake

D289 ⚡ ⚡
**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 29 - Cumberland Cty College Conference and Events Center, Vineland

Tues, May 08 - Holiday Inn, Budd Lake

D308 NEW**WELDING TESTING AND INSPECTION. NON-DESTRUCTIVE TESTING PROCEDURES. PRACTICAL LIQUID PENETRANT, MAGNETIC PARTICLE AND ULTRASONIC TEST****Instructor: Alex Caploon***Credit: building, special inspector (steel), amusement rides*

The increasing demand for inspection of welding structures has resulted in an increased number of requests for proper identification of welding discontinuities and nondestructive testing (NDT). This seminar provides an overview of NDT inspection methods that permit evaluation of welds and related materials without destroying their usefulness. Special attention is given to such methods as visual examination, liquid penetrant testing (with demonstration), magnetic particle testing, and ultrasonic testing. Other methods of NDT are also briefly reviewed. 0.5 CEU

Tues, Apr 03 - Rutgers EcoComplex, Bordentown

Fri, June 08 - Executive Inn, Fairfield

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>

BORDENTOWN: BRICKLAYERS AND ALLIED CRAFTWORKERS LOCAL 5 NJ

3281 Rout 206, Suite 3, Bordentown, NJ 08505
(609)324-0500 • www.bacnj.com

BUDD LAKE: HOLIDAY INN

1000 International Drive, Budd Lake, NJ 07828
(973)448-1100 • <http://tiny.cc/hibuddlake>

CAPE MAY: GRAND HOTEL

1045 Beach Avenue, Cape May, NJ 08204
(609)884-5611 • www.grandhotelcapemay.com

CLARK: HOLIDAY INN

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

CLEMENTON: CAMDEN COUNTY EDUCATIONAL SERVICES COMMISSION

225 White Horse Ave, Clementon, NJ 08021
(856)784-2100 • www.camdenesc.org

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>

EVESHAM: FIRE-RESCUE STATION 221

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

FAIRFIELD: BEST WESTERN PLUS EXECUTIVE INN

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

FAIRFIELD: BRICKLAYERS AND ALLIED CRAFTWORKERS LOCAL 4 NJ

14 Plog Road, Fairfield, NJ 07004
(973)244-9962 • www.bacnj.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>

LAKEWOOD: WOODHAVEN LUMBER

200 James Street, Lakewood, NJ 08701
(732)901-5518 • www.woodhavenlumber.com

LAMBERTVILLE: THE INN AT LAMBERTVILLE STATION

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

CENTER FOR GOVERNMENT SERVICES

**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

**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
(732) 921-8294 • <http://tiny.cc/atrium>

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>