Construction and Multiple Dwelling Code Enforcement Officials
Technical Assistants
Design Professionals

CONTINUING EDUCATION SEMINARS ||
FALL 2016 SCHEDULE
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 this 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 applicable to your license, please confirm with the DCA prior to registering. The table also contains the page number where you can find a full seminar description 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 January 31, 2017, please keep in mind that the fall semester runs from September through December, 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 January 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 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.

RECIPIROCAL CREDIT: The Division of Fire Safety will award reciprocal credit for 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 seminars marked with ☑. For some seminars, the approval of the Board of Electrical Contractors is currently pending. Online GoToTraining 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

SPECIAL INSPECTOR CERTIFICATIONS: Certified special inspectors should register only for 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 as “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 us 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.
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<td>Management of Dust Collector Explosion Hazards</td>
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<td>Masonry Code Update</td>
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<td>2015 IECC Transition from the 2009 IECC with ASHRAE 90.1</td>
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<td>New Plumbing, Mechanical Products/Systems and Code Interaction</td>
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<td>Article 220 - Branch Circuit, Feeder, and Service Calculations</td>
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<td>Grounding &amp; Bonding of Electrical Systems &amp; Equipment</td>
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<td>Handling Water Damaged Electrical Equipment</td>
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<td>One Family Dwelling Generator Installations Requirements</td>
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<td>2014 NEC Changes, 2-day</td>
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<td>Navigating the National Electric Code</td>
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<td>Services, Service Equipment and Overcurrent Protection</td>
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<td>Mixed Bag - Five Topics in 5 Hours</td>
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<td>Photovoltaic System Requirements, 2014 NEC</td>
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<td>Hydraulic Calculations for Sprinkler Systems, 2-day</td>
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<td>2015 NSPC DWV PROVISIONS</td>
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<td>2015 National Standard Plumbing Code and ICC Code Change Update for Plumbing Code Officials</td>
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<td>Plumbing Barrier Free Code Requirements; New Projects as well as Rehabilitation Subcode Coordination</td>
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<td>Survey and Inspection Basics for Backflow Prevention and Cross-Connection Control Protection</td>
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<td>Amusement Ride Inspection and Safety Requirements</td>
<td>R051</td>
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<td>Carnival and Amusement Ride Design • NEW</td>
<td>R052</td>
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The Board of Electrical Contractors will award reciprocal credit for this seminar

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 |
FALL 2016 SEMINARS

E248
2014 NEC CHANGES - 2-DAY
Instructor: Donald Clare
Credit: electrical
This seminar provides an in-depth review of the code changes to the New Jersey’s electrical subcode, the 2014 National Electrical Code (NEC). An emphasis is placed on the specific amendments to the NEC by the Uniform Construction Code; NJAC 5:23-3.16. Participants will become familiar with revisions as well as new sections, revised calculation methods, and new tables contained within the NEC. 1.0 CEU
Tues, Oct 04 & Wed, Oct 05 - Holiday Inn, Clinton
Tues, Dec 13 & Wed, Dec 14 - RWJ Conference Center, Hamilton

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 where each of the systems is required by 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, Sept 27 - Clarion, Toms River
Thurs, Oct 13 - Bergen Cty Law and Public Safety Institute, Mahwah

D247
2015 IBC TRANSITION FROM THE 2009 IBC
Instructor: James Quigley, International Code Council
Credit: building, fire protection
This seminar assists participants in implementing the transition from the 2009 IBC to the 2015 IBC. It includes relevant changes in the 2012 IBC. This interactive training focuses on the key changes presented in the participant material. Knowledge review questions provide the opportunity for participants to discuss and consider the changes. 0.5 CEU
Tues, Oct 25 - Burlington Cty Emergency Service Training Center, Westampton
Thurs, Nov 17 - Monmouth Cty Fire Academy, Freehold
Wed, Nov 30 - Kean University, Science, Technology and Mathematics Building, Union

D276
2015 IECC TRANSITION FROM THE 2009 IECC WITH ASHRAE 90.1
Instructor: Bill Hudson, International Code Council
Credit: building, electrical, plumbing
This seminar is designed to assist participants in implementing the transition from the residential provisions 2009 International Energy Conversation Code® (IECC®) to the 2015 edition. It includes relevant changes that first appeared in the 2012 IECC, as well as changes new to the 2015 edition. The commercial provisions of ASHRAE 90.1 are also detailed. This seminar focuses on the key changes and their effects on design, review and inspection requirements. 0.5 CEU
Thurs, Sept 29 - Tuscany Resort, Tuscany House Hotel, Egg Harbor City
Tues, Nov 29 - Kean University, Science, Technology and Mathematics Building, Union
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 each and every code section presented. Students will review key changes, commentary, referenced standards and much more in this informative seminar. 0.5 CEU

Wed, Oct 05 - Executive Inn, Fairfield
Tues, Nov 22 - Tuscany Resort, Tuscany House Hotel, Egg Harbor City
Tues, Dec 13 - Middlesex Cty Fire Academy, Sayreville

D249
2015 IRC TRANSITION FROM THE 2009 IRC
Instructor: James Quigley, International Code Council
Credit: building, fire protection
This seminar will assist participants in implementing the transition from the 2009 IRC to the 2015 IRC. It will include relevant changes in the 2012 IRC. This interactive training will focus on the key changes presented in the participant material. Knowledge review questions will provide opportunity for participants to discuss and consider the changes. During this training, participants will be listening to lecture and engaging in class discussion and exercises. 0.5 CEU

Fri, Oct 14 - Bergen Cty Law and Public Safety Institute, Mahwah
Wed, Dec 14 - Cumberland Cty College Conference and Events Center, Vineland

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

Fri, Oct 28 - Burlington Cty Emergency Service Training Center, Westampton
Tues, Nov 15 - Holiday Inn, Hasbrouck Heights

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

Fri, Oct 07 - Holiday Inn, Clinton
Fri, Oct 14 - Cape May Cty Fire Academy, Cape May Court House

P200
2015 NSPC DWV PROVISIONS
Instructor: IAPMO
Credit: plumbing
A plumbing system relies on the interconnected drain, waste, and vent systems (DWV) in order to operate efficiently and safely. This seminar provides a detailed review and discussion of the DWV requirements in the National Standard Plumbing Code. The provisions in the NSPC that govern the proper installation and design of DWV systems are discussed. Students will observe an in depth demonstration and will have several opportunities to practice sizing DWV systems according to the NSPC. 0.5 CEU

Fri, Oct 28 - Burlington Cty Emergency Service Training Center, Westampton
Tues, Nov 15 - Holiday Inn, Hasbrouck Heights

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, Oct 06 - Holiday Inn, Clinton
Fri, Dec 16 - Cumberland Cty College Conference and Events Center, Vineland

D157
ADVANCED BARRIER FREE 2016
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, Oct 20 - Ocean Cty Fire and EMS Training Center, Waretown
Wed, Nov 16 - Holiday Inn, Clark

R051
AMUSEMENT RIDE INSPECTION AND SAFETY REQUIREMENTS
Instructor: Richard Osworth
Credit: amusement rides
Ride safety only works if the owner and state cooperate in a comprehensive inspection program. Given the number of rides, traveling shows and fairs, hours of operation, and thousands of patrons, ride safety can only be accomplished through a cooperative program. This seminar explores the origins of ride safety, ride design and use of ride standards developed by the American Society for Testing and Materials. In New Jersey, the standards are adopted by law and regulation and place unique requirements on owners, operators and employees. New Jersey requires a recognized certified maintenance technician, whose role is also discussed at the seminar. This seminar is open ONLY for the Amusement Ride inspectors and RCMTs. 0.5 CEUs

Tues, Oct 18 - Ocean Cty Fire and EMS Training Center, Waretown

E155
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

Wed, Nov 09 - Online - Go To Training

D009
BARRIER FREE SUBCODE 2016
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 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

Thurs, Oct 06 - Rutgers Continuing Education Center at Atrium, Somerset
Thurs, Dec 08 - Burlington Cty Emergency Service Training Center, Westampton
Monday, Dec 12 - Online - Go To Training
B774
BUILDING DECKS AND PORCHES USING THE NJ 2015 CODES
Instructor: Simpson Strong-Tie
Credit: building
This seminar discusses all structural elements of residential and commercial decks, as well as the connections and fasteners needed to comply with the New Jersey 2015 Building Codes. Discussion also includes corrosion issues for these products, and acceptance of alternative materials. Attendees will be able to discuss the codes and how to properly review plans and conduct inspections of the structures as they are being constructed. 0.5 CEU

Thurs, Oct 27 - Burlington Cty Emergency Service Training Center, Westampton
Thurs, Dec 01 - Morris Cty Public Safety Training Academy, Parsippany

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

Thurs, Sept 29 - Clarion, Toms River
Tues, Nov 01 - Holiday Inn, Hasbrouck Heights
Mon, Nov 21 - Online - Go To Training

R052
CARNIVAL AND AMUSEMENT RIDE DESIGN
Instructor: Richard Osworth
Credit: amusement ride
Ride safety is the focus of this seminar with a comprehensive presentation of the New Jersey Amusement Ride Program’s design process. New Jersey has a unique program of “Type Certification” and “Individual Approval” for the initial design and a process to maintain that design integrity for the life of the ride. In addition to a discussion on the history of the program and the need for national standards, the seminar covers the responsibilities of the ride manufacturer, ride owner, ride operator, Recognized Certified Maintenance Technician and ride inspector. These include the responsibility to ensure that the program’s reliance on the design process, as the underlying principal of ride safety, is implemented according to the regulations and law. 0.5 CEU

Thurs, Sept 27 - Tuscany Resort, Tuscany House Hotel, Egg Harbor City
Tues, Nov 15 - Holiday Inn, Clark
L062  
**ELECTRICAL CODE FOR ELEVATOR INSPECTORS**  
*Instructor: NAESA*  
*Credit: elevator*

This seminar focuses on how the electrical and elevator codes partner in order to provide a code-legal installation of elevator equipment. NFPA 70, otherwise known as the National Electrical Code, has been a companion of ASME A17.1 and now ASME A17.1/CSA B44 for many decades. The seminar discussion illustrates requirements from NFPA 70-2014 and ASME A17.1-2013/CSA B44-13 as they apply to elevators. 0.5 CEU

Thurs, Dec 15 - RWJ Conference Center, Hamilton

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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

Wed, Oct 26 - NJ Sports & Exposition Authority, Environment Center, Lyndhurst  
Thurs, Nov 03 - Cumberland Cty College Conference and Events Center, Vineland

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D269  
**EMERGING TECHNOLOGY IMPACTING THE INDUSTRY AND CODE ENFORCEMENT**  
*Instructor: IAPMO*  
*Credit: building, fire protection, plumbing, mechanical*

This seminar discusses the emerging technology and trends in the code enforcement field, as well as new products and installations. Technology is continually advancing in an attempt to create new products, simplify tasks and create higher levels of work efficiency. This seminar focuses on the new technology in plumbing and mechanical products and systems, as well as the day-to-day technology impacting the performance of inspections. The inspection profession has seen a dramatic increase in the use of modern technology, including the physical technology in the field, and the inspection management software. This presentation discusses what is being observed in the real world, and the future use of technology in this profession. 0.5 CEU

Fri, Sept 30 - Tuscany Resort, Tuscany House Hotel, Egg Harbor City  
Tues, Nov 22 - Fairbridge Inn, East Hanover

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D268  
**FIRE ALARM SYSTEMS AND THE CODES THAT REQUIRE THEM**  
*Instructor: Fire Smarts, LLC*  
*Credit: fire protection, electrical*

This seminar reviews basic fire alarm systems, including initiating and notification devices and the fundamental requirements that apply to most systems. Furthermore this seminar discusses which codes require fire alarm systems and where the requirements are located. An exercise is conducted establishing the code requirements for a fire alarm system in various occupancies. This seminar also explains how the various codes work in concert and complement each other from the design phase all the way through installation. It is recommended that students bring the required code books as a reference (UCC, NEC 2014 and NFPA 72, 2013). 0.5 CEU

Wed, Sept 28 - NJ Sports & Exposition Authority, Environment Center, Lyndhurst  
Wed, Nov 02 - Clarion, Toms River  
Tues, Dec 06 - Burlington Cty Emergency Service Training Center, Westampton

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D255  
**FIRE BARRIER INSPECTION**  
*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 inspectors responsible for fire proofing and fire stopping - fire dampers and fire doors. The seminar includes discussions on critical facility safety features where barriers and barrier protection is required. Fire, smoke, vibration, noise and heat transmission, inspection techniques and methods and inspection of all types of fire rated construction and assemblies are reviewed. Code requirements for transformer separation barriers, blast and ballistic barriers, specification/plan review/inspection are presented using illustrations, NFPA, ASTM and NJ Building Code Chapter 7 and 17 references and materials. 0.5 CEU

Fri, Oct 14 - Camden Cty Regional Emergency Training Center, Blackwood  
Wed, Oct 26 - Morris Cty Public Safety Training Academy, Parsippany  
Mon, Dec 5 - Online - Go To Training
F543
FIRE SPRINKLER INSTALLATION AND PLACEMENT PER NFPA 13 - 2-DAY
Instructor: Fire Smarts, LLC
Credit: fire protection
This seminar includes an overview of the requirements for selecting the correct occupancy/hazard classification. Acceptable water supplies are reviewed along with approved arrangements. The major types of sprinkler systems and the required system components are examined. The installation requirements for piping, hangers, bracing, fire department connections, and valves are discussed in detail. In addition, the use of the various types of sprinklers is reviewed along with the requirements for location, spacing, area of coverage, and deflector position. The unique requirements associated with ceiling pockets, thermal sensitivity, clearance from storage, sloped ceilings and roofs are reviewed. An extensive examination of the requirements for positioning sprinklers to avoid obstructions to spray patterns is conducted along with videos and hands-on activities using real-world scenarios. 1.0 CEU

Tues, Nov 22 & Wed, Nov 23 - RWJ Conference Center, Hamilton

F545
FIRE SPRINKLER SYSTEMS - PLAN REVIEW FOR AHJ’S
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 seminar takes attendees through a step-by-step review of fire sprinkler working drawings and the accompanying hydraulic calculations. This seminar utilizes the requirements found in the 2013 edition 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. 0.5 CEU

Tues, Oct 04 - Rutgers Continuing Education Center at Atrium, Somerset
Fri, Nov 04 - Cumberland Cty College Conference and Events Center, Vineland

CONTINUING EDUCATION SEMINARS

D190
FIRESTOPPING AND DRAFTSTOPPING
Instructor: Hilti Co., Inc
Credit: building, fire protection
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 times 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 jobsites, how to identify actual areas of concern or noncompliance, including healthcare construction. 0.5 CEU

Fri, Dec 09 - Holiday Inn, Clark

D290
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, Nov 18 - Holiday Inn, Clark
Wed, Nov 30 - Ocean Cty Fire and EMS Training Center, Waretown
B776  
FRAMING WITH ENGINEERED LUMBER  
Instructor: Trus Joist, Val DeNoia  
Credit: building  
This presentation provides code officials with the proper knowledge for inspecting engineered wood. Students will discuss the details and requirements that go with installing and constructing floor systems using engineered wood. 0.5 CEU  
Wed, Oct 12 - Bergen Cty Law and Public Safety Institute, Mahwah  
Tues, Dec 06 - Holiday Inn, Clark

E156  
GROUNDING AND BONDING OF ELECTRICAL SYSTEMS AND EQUIPMENT  
Instructor: Tom Pernal Electrical Seminars, LLC  
Credit: electrical  
This seminar provides installers, inspectors and design professionals with the knowledge to perform plan review and inspection for proper grounding and bonding of electrical systems, services, feeders, and equipment. Soares Book of Grounding and Bonding (IAEI PowerPoint Presentation) Chapter 3 through 10 is the primary source of content for this seminar. NEC Article 250 Parts I-VII and other related Articles and Sections are also referenced for examples, calculations, and worksheets. 0.5 CEU  
Thurs, Nov 10 - Online - Go To Training  
Fri, Dec 02 - Ocean Cty Fire and EMS Training Center, Waretown

D235  
H USE GROUP BUILDINGS USING THE 2015 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  
Tues, Oct 04 - Executive Inn, Fairfield  
Tues, Nov 29 - Rutgers EcoComplex, Bordentown

E167  
HANDLING WATER DAMAGED ELECTRICAL EQUIPMENT  
Instructor: Stephen Norako  
Credit: electrical  
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  
Fri, Nov 04 - Holiday Inn, Hasbrouck Heights  
Fri, Dec 16 - Middlesex Cty Fire Academy, Sayreville

D285  
HVAC 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  
Wed, Oct 05 - Rutgers Continuing Education Center at Atrium, Somerset  
Wed, Nov 02 - Holiday Inn, Hasbrouck Heights  
Thurs, Dec 15 - Cumberland Cty College Conference and Events Center, Vineland
F544
HYDRAULIC CALCULATIONS FOR SPRINKLER SYSTEMS
– 2-DAY
Instructor: Fire Smarts, LLC
Credit: fire protection
This seminar introduces the participants to the basics of hydraulic calculations including sprinkler operating pressure, elevation pressure, and friction-loss. This seminar examines the density/area approach to determine design criteria including water demand for sprinklers and hose allowance. A review of the basic dead end or “tree” system configuration is conducted. The requirements for performing hydraulic calculations as per NFPA 13 The Standard for the Installation of Sprinkler Systems are discussed including the required forms, C-values, and equivalent lengths. The principles for determining the hydraulically most demanding area are reviewed along with changing the sprinkler area of coverage, density, and orifice size to find the most efficient system layout and configuration. The calculation concepts for using looped and gridded configurations are examined. 1.0 CEU

Tues, Nov 15 & Wed, Nov 16 - Monmouth Cty Fire Academy, Freehold

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, Oct 05 - Atlantic Cape Community College, Rutgers
Building Q, Mays Landing
Fri, Oct 28 - Rutgers University Inn, New Brunswick

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

Wed, Sept 28- Woodhaven Lumber, Lakewood

D271
INTERNATIONAL MECHANICAL CODE CHANGES
Instructor: IAPMO
Credit: building, fire protection, plumbing, mechanical,boiler, pressure vessel, refrigeration
Keep up-to-date on the International Mechanical Code by learning about the changes from the 2009 to the 2015 edition. The notable changes to the code are discussed in-depth during this seminar. Each notable change is shown so attendees can see exactly how the code changed, why the code changed and what impact it will have on the code enforcement and installer communities. 0.5 CEU

Fri, Oct 14 - Middlesex Cty Fire Academy, Sayreville
Thurs, Dec 01 - Rutgers EcoComplex, Bordentown
Thurs, Dec 08 - Holiday Inn, Clark

D274
MANAGEMENT OF DUST COLLECTOR EXPLOSION HAZARDS
Instructor: John Cholin
Credit: building, fire protection
This seminar discusses how dust collectors work and the relevant criteria in the NJUCC and NJUFC that protect employees from the dust collector. Seminar also reviews the relevant NFPA standards that have been adopted by reference by the NJUCC. The seminar describes how dust explosions occur in dust collectors and reviews the hazard management features required by the NJUCC. The discussion on an enforcement outline for the code officials concludes the seminar. 0.5 CEU

Fri, Nov 18 - Monmouth Cty Fire Academy, Freehold
Wed, Dec 07 - Burlington Cty Emergency Service Training Center, Westampton
Fri, Dec 09 - Rutgers Continuing Education Center at Atrium, Somerset
MASONRY CODE UPDATE
Instructor: International Masonry Institute
Credit: building, special inspector (concrete)
This seminar is a compilation of four topics related to masonry code. First, the discussion focuses on masonry code provisions with special emphasis on newly adopted provisions. Topics include the masonry code development & adoption process, as well as how the new provisions will affect design and construction. Design options for masonry partition walls, available in the new code, will be explored in detail. Then, the seminar addresses the cold weather masonry construction requirements for construction and protection under the TMS 402 and TMS 602 codes. Finally, masonry job site troubleshooting is discussed. This seminar teaches participants how to create successful masonry details that are economical, functional, and aesthetically pleasing by exploring conditions through construction site photos, failure analyses, building code requirements, and best practice recommendations relating to water-resistant barriers, air barriers, veneer ties, flashing, weep vents and movement joints. 0.5 CEU
Tues, Oct 18 - Somerset Cty Emergency Services Training Academy, Hillsborough
Wed, Nov 23 - Fairbridge Inn, East Hanover

MASONRY DAY SPECIAL EVENT
Instructor: International Masonry Institute
Credit: building, special inspector (concrete)
This hands on exercise allows participants a better understanding of correct brick installation and masonry restoration techniques. Best practice methods, tools of the trade, and recommended processes are discussed. Participants will view mock-ups and receive instruction on the proper installation of the masonry building envelope including flashing, air barrier, and rain screen wall systems. Please dress comfortably in casual clothes and wear closed toed shoes. 0.5 CEU
Tues, Oct 18 - International Masonry Institute, Bordentown

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
Thurs, Oct 13 - Cape May Cty Fire Academy, Cape May Court House
Tues, Nov 01 - The Inn at Lambertville Station, Lambertville
E255
NAVIGATING THE NATIONAL ELECTRICAL CODE
Instructor: Richard Paredes
Credit: electrical
This course provides an overview of the National Electrical Code (NEC). It covers the development, layout, nomenclature and intent of the code, as well as application of NJ state addendums and rehabilitation subcode. The course outlines methods for evaluating individual code violations in order to identify all areas of the code related to those violations. Additionally, the course presents simple techniques for efficiently navigating the code including how to customize the table of contents, highlight frequently cited sections and utilize cross reference tables. 0.5 CEU
Tue, Sept 27 - Clarion, Toms River
Thurs, Oct 06 - Executive Inn, Fairfield

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 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, Oct 12 - Cape May Cty Fire Academy,
Cape May Court House
Wed, Nov 16 - Holiday Inn, Hasbrouck Heights

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, Oct 17 & Mon, Oct 31, 6:30 pm - 9:00 pm- Online - Go To Training

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 PowerPoint presentation with dynamic graphics, exclusive UCC agency driven icons and color coded procedural symbols. 0.5 CEU
Fri, Oct 07 - Rutgers Continuing Education Center at Atrium, Somerset
Wed, Oct 26 - Burlington Cty Emergency Service Training Center, Westampton
Wed, Dec 14 - Executive Inn, Fairfield

D282
NEW PLUMBING, MECHANICAL PRODUCTS/SYSTEMS
AND CODE INTERACTION
Instructor: Fritz Reuss
Credit: building, plumbing, mechanical
New plumbing and mechanical products/systems are analyzed regarding code and manufacturer’s installation requirements for code and standards compliance. Specific examples of compliance and non-compliance are discussed as it is imperative that code officials are aware of the newest compliance requirements as related to these new plumbing systems and products. 0.5 CEU
Thurs, Nov 17 - Holiday Inn, Hasbrouck Heights
Wed, Nov 23 - Tuscany Resort, Tuscany House Hotel,
Egg Harbor City
Wed, Dec 07 - Rutgers Continuing Education Center at Atrium, Somerset
Fri, Dec 16 - Online - Go To Training
**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 are examined. Attendees will learn about the various types of centrifugal fire pumps and how each is best applied. The performance requirements, selection and sizing of pumps are discussed with hands-on activities to give experience in choosing the most cost effective fire pump. Installation requirements are thoroughly reviewed with illustrations of acceptable and unacceptable layouts. The purpose of pressure maintenance (jockey) pumps are thoroughly examined including methods for choosing the correct capacity. The requirement for motor drivers, engine drivers, and their controllers are also examined. Finally, the seminar addresses the requirements for acceptance testing and the required documentation for an approved fire pump installation. 1.0 CEU

Tues, Oct 25 & Wed, Oct 26 - Rutgers University Inn, New Brunswick

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

One of the newest set of requirements to enter into A17.1/B44, 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, Nov 17 - Holiday Inn, Clark

**PHOTOVOLTAIC SYSTEM REQUIREMENTS, 2014 NEC**
Instructor: IAEI, Keith Lofland  
*Credit: electrical*

This seminar provides information about installation and inspection of solar photovoltaic systems. The program provides an overview of the major design issues and minimum code requirements related to solar photovoltaic systems. The seminar discusses such topics as types of systems, disconnecting means locations, requirements for ground mounted and roof mounted systems, equipment ratings, and grounding and bonding of solar photovoltaic systems. The seminar material is primarily based on the requirements set forth in Article 690 of the National Electrical Code (NEC). 0.5 CEU

Tues, Oct 25 - Morris Cty Public Safety Training Academy, Parsippany

Thurs, Nov 17 - Cape May Cty Fire Academy, Cape May Court House

**PLUMBING BARRIER FREE CODE REQUIREMENTS; NEW PROJECTS AS WELL AS REHABILITATION SUBCODE COORDINATION**
Instructor: Fritz Reuss  
*Credit: plumbing*

This seminar evaluates plumbing barrier free requirement (for new projects and renovations) with a direct focus on the UCC responsibility in 2009 ICC ANSI A117.1 to ensure accurate plan review and inspection analysis, as well as overall Rehabilitation Subcode and 2015 IBC Chapter 11 interaction. This seminar strengthens students’ knowledge of plumbing barrier free requirements since most every project has a barrier free code impact. An intense overview of specific examples and compliance scenarios ensures the success of the seminar. 0.5 CEU

Wed, Oct 19 - Somerset Cty Emergency Services Training Academy, Hillsborough

Wed, Nov 02 - Cumberland Cty College Conference and Events Center, Vineland
RESIDENTIAL INSTALLATIONS- BASED ON IAEI’S ONE-
AND TWO-FAMILY DWELLING ELECTRICAL SYSTEM,
2014 NEC
Instructor: IAEI, Keith Lofland
Credit: electrical
There are more specific requirements in the NEC for dwelling
units than all other type of occupancies combined. This
comprehensive seminar explains these specific dwelling unit
requirements in clear concise language using pictures and
graphics. The installation, design, and inspections of electrical
systems in new and existing one- and two-family dwellings
are among the discussion topics for this seminar. Other
topics covered in this presentation include GFCI and AFCI
requirements, receptacle spacing requirements for wall spacing
and kitchen countertops, specific lighting requirements,
general lighting and small-appliance branch circuits, service
requirements, grounding and bonding, box fill calculations and
much more. 0.5 CEU

Thurs, Sept 29 - NJ Sports & Exposition Authority, Environment
Center, Lyndhurst
Fri, Dec 09 - Burlington Cty Emergency Service Training
Center, Westampton

ROUGH AND FINAL INSPECTIONS OF FIRE SPRINKLER
SYSTEMS
Instructor: NJ Fire Sprinkler Advisory Board, Dave Kurasz
Credit: fire protection
This seminar provides attendees with vital information on how
to conduct field inspections for new fire sprinkler and standpipe
systems. Fire sprinklers and standpipes are installed in stages
and inspections are required before commencing to the next
stage. The codes require periodic on-site inspections as the
work progresses, to be installed according to the approved
construction documents. This work is required to be inspected
and approved before being covered or before the system is
commissioned. This seminar points out the visual and physical
inspection requirements of the latest codes and standards.
Students should bring latest edition of NFPA 13, NFPA 14 and
IBC or IFC to the seminar. 0.5 CEU

Fri, Sept 30 - NJ Sports & Exposition Authority, Environment
Center, Lyndhurst
Wed, Oct 12 - Camden Cty Regional Emergency Training
Center, Blackwood
Wed, Dec 14 - Middlesex Cty Fire Academy, Sayreville

SERVICES, SERVICE EQUIPMENT AND OVERCURRENT
PROTECTION
Instructor: Constantinos Papademas LLC
Credit: electrical
How can you ensure the service entrance and service
equipment meet code? The NEC 2014 Article 230 provides
the updated requirements to supply power to a structure and
protect the conductors carrying that power. NEC 2014 Article
240 provides the requirements for selecting and installing the
overcurrent protection devices for services. The purpose of this
seminar is to help the electrical code official understand and
enforce these requirements for a code compliant installation.
0.5 CEU

Tues, Oct 04 - Atlantic Cape Community College, Rutgers
Building Q, Mays Landing
Thurs, Dec 01 - Kean University, Science, Technology and
Mathematics Building, Union
inspectors understand the methods, devices, and assemblies that are available to provide the necessary level of protection. This seminar provides attendees with the education needed to identify actual and potential problems, and the required protection needed. It also discusses code requirements, inspection, installation, and survey guidelines for the protection of the water supply within buildings and facilities. 0.5 CEU

Fri, Oct 07 - Executive Inn, Fairfield
Tues, Nov 15 - Cape May Ct Fire Academy, Cape May Court House

D223 
TESTIFYING AT TRIAL AND ADMINISTRATIVE PROCEDURES
Instructor: Derek Reed; Ehrlich, Petriello, Gudin & Plaza
Credit: administrative, hotel/multiple dwelling
This seminar presents any state or municipal code enforcement official with a unique perspective from a practicing attorney who represents property owners and landlords throughout New Jersey. Whether you are a Compliance Officer with the DCA prosecuting an owner for housing violations under state law or a Municipal Building Code Inspector citing a landlord for violations of a municipal code, the skills you will learn in this course will give you the tools to properly present and prosecute your case against an owner and to effectively deal with the owner’s attorney and the legal process. Many times state and municipal officials are at a disadvantage in dealing with attorneys who are well versed in relevant state and municipal law. This course will provide you with a set of practical skills that you can use to avoid the pitfalls and mistakes made in presenting the state’s case in court. You will also learn how to close loopholes and give persuasive and effective testimony at trial. 0.5 CEU

Thurs, Oct 20 - Somerset Cty Emergency Services Training Academy, Hillsborough
Thurs, Dec 01 - Ocean Cty Fire and EMS Training Center, Waretown

P228
SURVEY AND INSPECTION BASICS FOR BACKFLOW PREVENTION AND CROSS-CONNECTION CONTROL PROTECTION
Instructor: IAPMO
Credit: plumbing
The protection of the potable water supply is a critical issue. Cross-connection control and backflow prevention are important parts of protecting public health. As systems become more complex due to water reuse and rainwater catchment systems, it is vital that the inspection community, the plumbing and mechanical industry and even the general public be educated in understanding the actual and potential threats that exist within modern plumbing systems. It is also vital that
D270
THE UCC FOR PLUMBING AND MECHANICAL OFFICIALS
Instructor: Anthony Gargani
Credit: plumbing, mechanical
This seminar takes a fresh approach, concentrating on the needs of the Plumbing and Mechanical Officials. Seminar explains the navigation of the UCC to locate the correct answers required for effective enforcement. It also highlights, explains and provides examples of the application of the UCC that apply to plan review, permit processing and inspections. 0.5 CEU
Fri, Oct 21 - Somerset Cty Emergency Services Training Academy, Hillsborough
Fri, Nov 18 - Cape May Cty Fire Academy, Cape May Court House
Wed, Dec 07 - Holiday Inn, Clark

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
Fri, Oct 07 - Atlantic Cape Community College, Rutgers Building Q, Mays Landing
Thurs, Oct 27 - Morris Cty Public Safety Training Academy, Parsippany

A575
UCC BASICS AND BULLETINS
Instructors: Linda Aiello, Dawn Neil, Valerie Waricka
Credit: administrative
This administrative seminar is designed to update technical assistants & code officials with pertinent changes affecting their job responsibilities and promote the uniformity of the New Jersey Uniform Construction Code. In addition, this seminar will reduce inconsistencies from department to department by providing clarification on specific issues regarding recent code changes from the Department of Community Affairs and...
the regulations. Participants will receive clarification on many issues such as UCC form acceptance, inspection procedures, fee schedules, required paperwork for modular homes, certificates, and resources to use to make all municipal offices uniform. 0.5 CEU

Fri, Sept 30 - Clarion, Toms River
Fri, Dec 02 - Morris Cty Public Safety Training Academy, Parsippany
Fri, Dec 16 - RWJ Conference Center, Hamilton

**E277**

**UCC FOR THE NEW LICENSEE, PARTS ONE AND TWO** - 2 evening sessions (6:30 pm - 9:00 pm)
**Instructor: Brian Mitchell**
**Credit:** electrical

Participants of this seminar will become familiar with, interpret, and review the most significant elements of the New Jersey Uniform Construction Code and administrative regulations, related codes, standards and regulations, and performance and procedure to better prepare them for employment as an electrical subcode official or electrical inspector. This five hour seminar is comprised of 2 sessions, each 2.5 hour long, and is aimed at persons already licensed as but not yet employed as an electrical subcode official or electrical inspector. Participants have to attend both 2.5 hour evening sessions in order to obtain a credit. 0.5 CEU

Tues, Nov 15 & Tues, Nov 29, 6:30 pm - 9:00 pm - Online - Go To Training

**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 special inspections, 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

Wed, Sept 28 - Tuscany Resort, Tuscany House Hotel, Egg Harbor City
Thurs, Oct 27 - Rutgers University Inn, New Brunswick

**B775**

**UNDERSTANDING CONTINUOUS LOAD PATH USING THE NJ 2015 CODES**
**Instructor:** Simpson Strong-Tie
**Credit:** building

This presentation discusses all of the structural elements of a residential and commercial continuous load path, as well as the connections and fasteners needed to comply with the New Jersey 2015 Building Codes. Discussion also includes corrosion issues for these products, and acceptance of alternative materials. Attendees will be able to discuss the codes and how to be able to properly review plans and do inspections of the structures being constructed. 0.5 CEU

Tues, Oct 11 - Middlesex Cty Fire Academy, Sayreville

**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 aid the 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, Oct 21 - Ocean Cty Fire and EMS Training Center, Waretown
Fri, Dec 2 - Online - Go To Training
Tues, Dec 13 - Executive Inn, Fairfield
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: INTERNATIONAL MASONRY INSTITUTE
Joseph A. Speranza Trowel Trades Training School
3281 Route 206, Bordentown, NJ 08505
(609)291-8000 • www.imiweb.org

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

CAPE MAY COURT HOUSE: CAPE MAY COUNTY PUBLIC SAFETY TRAINING CENTER
171 Crest Haven Road, Cape May Court House, NJ 08210
(609)465-2570 • www.cmcpoliceacademy.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

EAST HANOVER: FAIRBRIDGE INN
(formerly Ramada Inn)
130 Route 10 West, East Hanover, NJ 07936
(973)386-5622 • http://tiny.cc/fairbridgeinn

EGG HARBOR CITY: TUSCAN RESORT
(formerly Renault Resort), TUSCANY HOUSE HOTEL
72 North Bremen Avenue, Egg Harbor City, NJ 08215
(609)965-2111 • www.Tuscanywinery.com

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

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

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

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

TOMS RIVER: TOMS RIVER FIRE ACADEMY
1780 Church Road, Toms River, NJ 08753
(732)255-4024 • www.tomsriverfire.com

UNION: KEAN UNIVERSITY SCIENCE, TECHNOLOGY AND MATHEMATICS BUILDING (STEM)
1075 Morris Avenue, Union, NJ 07083
(908)737-7161 • www.kean.edu

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

WESTAMPTON: BURLINGTON COUNTY EMERGENCY SERVICE TRAINING CENTER
53 Academy Drive, Westampton, NJ 08060
(609)702-7157 • http://tiny.cc/burlingtoncoestc

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