CENTER FOR GOVERNMENT SERVICES

Construction and Multiple Dwelling Code Enforcement Officials
Technical Assistants
Design Professionals

CONTINUING EDUCATION SEMINARS || FALL 2015 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 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, 2016, 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, 2016, 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 being offered; in case your first choice is filled, you can register for your alternate selection. The DCA staff person who takes your call can answer questions about the fulfillment of your education requirement for the current licensing period.

2. Call the DCA Education Unit at 609-984-7820 between 9 a.m. and 4 p.m. Be sure to have the following information ready:
   - Your code enforcement license number
   - Seminar number (located above the seminar title)
   - Date and location of the seminar

You may also e-mail your registration to Education.unit@dca.nj.gov. Acknowledgement of receipt will be sent via e-mail.

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 Go To Training electrical seminars are not approved by the Board for reciprocal credit. In order to receive reciprocal credit, you must provide a picture ID and your current contractor’s license at sign in.

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

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

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 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>2015 IFGC/IMC Design, Installation, and Inspection Principles</td>
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<td>An Update of the Changes to FEO Requirements Contained in ASME A17.1-2013</td>
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<td>Commercial and Residential HVAC - ICC Code and High Efficiency Vent Compliance</td>
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<td>A Comprehensive Look at the 2015 IECC - NEW</td>
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<td>Generator Power Sources</td>
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<td>Reviewing Plans for Electrical Distribution Systems</td>
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<td>Rehabilitation Subcode Requirements for the Electrical Inspector</td>
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<td>Top Reasons for Non-Approval in Electrical Plan Review and Inspection</td>
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<td>One Family Dwelling Generator Installations - What is actually required?</td>
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<td>Electrical Equipment in the Special Flood Hazard Area (SFHA)</td>
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<td>2014 NEC Changes, 2-day</td>
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<td>The UCC for Plumbing Officials</td>
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Seminar is offered online through GoToTraining
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
Structural Welding and/or Steel Bolting special inspector seminar
Structural Concrete and Masonry special inspector seminar
EIFS special inspector seminar
Spray-Applied Fireproofing special inspector seminar
Amusement rides subcode duplicate credit
Boiler, pressure vessel and refrigeration subcode duplicate credit
**FALL 2015 SEMINARS**

**E256 ♦
2014 NEC ANALYSIS OF THE CHANGES**
**Instructor: Victor Timpanaro**
This one-day seminar reviews important changes to N.J. adopted Electrical Codes from national standards (NFPA 70). It also explains the reasons for changes with the goal to educate inspectors and contractors to be effective in making applications correctly. The seminar also contains an overview of Chapter 1-4, swimming pools and PV systems. 0.5 CEU

Fri, Oct 23 - Clarion, Toms River
Wed, Nov 25 - Executive Inn, Fairfield

**E248 ♦
2014 NEC CHANGES - 2-DAY**
**Instructor: Donald Clare**
This seminar provides an in-depth review of the code changes to the New Jersey's model electrical code, 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, Sept 22 & Wed, Sept 23 - Kean University, Science, Technology and Mathematics Building, Union
Wed, Dec 16 & Thurs, Dec 17 - Cumberland Cty College Conference and Events Center, Vineland

**D247 ♦
2015 IBC TRANSITION FROM THE 2009 IBC**
**Instructor: James Quigley, International Code Council**
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 opportunity for participants to discuss and consider the changes. Participants have the option of receiving building and fire protection subcode duplicate credit for completion of this technical seminar. 0.5 CEU

Fri, Oct 02 - The Hotel Somerset-Bridgewater, Somerset
Fri, Nov 20 - Middlesex Cty Fire Academy, Sayreville
Wed, Dec 16 - Holiday Inn, Clark

**D251 ♦
2015 IFGC / IMC DESIGN, INSTALLATION AND INSPECTION PRINCIPLES**
**Instructor: James Quigley, International Code Council**
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 correct use of the requirements identified by basic code provisions, tables and topics. Information provided allows code users to apply the code in clear-cut situations and build their understanding of the intent of the code when asked to make code compliance decisions. This seminar also highlights key provisions of the 2015 International Mechanical Code and provides practice in applying key requirements. It reinforces learning by supplying immediate feedback or clarification. It walks participants through the content outline of the code book and describes key sections. Participants have the option of receiving building, fire protection, plumbing, mechanical and boiler, pressure vessel and refrigeration subcode duplicate credit for completion of this technical seminar. 0.5 CEU

Fri, Oct 30 - Bergen Cty Law and Public Safety Institute, Mahwah
Thurs, Nov 05 - Toms River Fire Academy, Toms River

**D245 ♦
2015 IMC CHIMNEY, VENTS AND EXHAUST SYSTEMS**
**Instructor: IAPMO**
This seminar focuses on the International Mechanical Code and discusses the code provisions concerning the installation and design of chimneys and vents. Along with the general provisions of this chapter, this seminar covers venting specifications, sizing of venting systems, installation, construction, and how to use the numerous tables. In addition,
this comprehensive seminar provides a detailed review and discussion on 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. Participants have the option of receiving building, fire protection, plumbing, mechanical and boiler, pressure vessel and refrigeration subcode duplicate credit for completion of this technical seminar. 0.5 CEU

Thurs, Oct 22 - Cumberland Cty College Conference and Events Center, Vineland
Fri, Oct 30 - Foundation for Educational Administration, Monroe
Fri, Dec 18 - Holiday Inn, Hasbrouck Heights

D244
2015 IMC ESSENTIALS WORKSHOP
Instructor: IAPMO
This seminar provides a general overview of the International Mechanical Code. Students will walk away from the seminar with a greater understanding of how the code is organized, how to apply it and will have a better understanding of its key concepts and provisions. Topics covered include, but are not limited to, definitions, general requirements, ventilation, exhaust, ducts, combustion air, boilers, and refrigeration. Participants have the option of receiving building, fire protection, plumbing, mechanical and boiler, pressure vessel and refrigeration subcode duplicate credit for completion of this technical seminar. 0.5 CEU

Fri, Oct 23 - Cumberland Cty College Conference and Events Center, Vineland
Thurs, Dec 17 - Holiday Inn, Hasbrouck Heights

D250
2015 IMC/IFGC TRANSITION FROM THE 2009 IMC/IFGC
Instructor: James Quigley, International Code Council
This seminar assists participants in implementing the transition from the 2009 version of the codes to the 2015 International Mechanical Code and the 2015 International Fuel Gas Code. It includes relevant changes in the 2012 codes. Knowledge review questions provide opportunity for participants to discuss and consider the changes. Participants have the option of receiving building, fire protection, plumbing, mechanical and boiler, pressure vessel and refrigeration subcode duplicate credit for completion of this technical seminar. 0.5 CEU

Tues, Oct 20 - Clarion, Toms River
Wed, Nov 25 - Burlington Cty Emergency Service Training Center, Westampton
Tues, Dec 15 - Holiday Inn, Clark

P204
2015 NATIONAL STANDARD PLUMBING CODE AND IMC/IFGC CODE CHANGE UPDATE FOR PLUMBING CODE OFFICIALS
Instructor: Fritz Reuss
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, Nov 13 - Monmouth Cty Fire Academy, Freehold
Fri, Nov 20 - Atlantic Cape Community College, Rutgers Building Q, Mays Landing
Tues, Dec 01 - Holiday Inn, Hasbrouck Heights
P200
2015 NSPC DWV PROVISIONS
Instructor: IAPMO
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
Wed, Oct 14 - Monmouth Cty Fire Academy, Freehold Fri, Oct 16 - Ramada Inn, Vineland

D256 NEW
A COMPREHENSIVE LOOK AT THE 2015 IECC
Instructor: Andrew Klein, A S Klein Engineering, PLLC
Significant changes have been incorporated into the IECC since the 2009 edition, which is currently adopted in New Jersey (NJAC 5:23-3.18). Participants of this seminar will learn about the updates in the 2012 and 2015 editions of the IECC, compliance path options available to designers and builders, and how to identify the applicability of design, plan review, inspection and commissioning requirements. Upon completion of this seminar, participants will be able to confidently discuss Code requirements with permit applicants, perform plans examinations and inspections for compliance with the IECC, and understand the intent of requirements so that they are appropriately applied. Participants have the option to receive building, electrical and plumbing subcode duplicate credit for completion of this technical seminar. 0.5 CEUs
Tues, Sept 22 - Executive Inn, Fairfield Fri, Oct 16 - Monmouth Cty Fire Academy, Freehold Wed, Nov 18 - Middlesex Cty Fire Academy, Sayreville

R051 NEW
AMUSEMENT RIDE INSPECTION AND SAFETY REQUIREMENTS
Instructor: Richard Osworth
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
Thurs, Nov 05 - Atlantic Cape Community College, Rutgers Building Q, Mays Landing Thurs, Dec 10 - Holiday Inn, Clinton

D157 NEW
ADVANCED BARRIER FREE 2015
Instructor: Jack Boekhout Consulting, LLC
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. Participants have the option of receiving building subcode duplicate credit for completion of this administrative seminar. 0.5 CEU
Thurs, Oct 22 - Executive Inn, Fairfield Wed, Nov 18 - Middlesex Cty Fire Academy, Sayreville

D182 NEW
ALTERNATIVE EXTINGUISHING SYSTEMS AND COMMERCIAL COOKING APPLIANCE FIRE PROTECTION REQUIREMENTS
Instructor: Fire Safety Consultants, Inc.
This seminar covers the basic plan review, inspection, and system testing requirements for gas and kitchen hood suppression systems. Participants will discuss types of systems, nozzle spacing requirements, calculations, system components, plan review, and testing requirements with examples. Participants have the option of receiving building, fire protection and mechanical subcode credit for completion of this technical seminar. 0.5 CEU
Fri, Sept 25 - Renault Resort, Tuscany House Hotel, Egg Harbor City Monday, Nov 02 - Online - Go To Training Tues, Dec 15 - Holiday Inn, Hasbrouck Heights

NO. 16
NO. 17
**D253**
**AN UPDATE OF THE CHANGES TO FEO REQUIREMENTS CONTAINED IN ASME A17.1-2013**
**Instructor: John O'Donoghue**
The elevator world in North America is governed by the ASME A17.1-2013/844 -13 Safety Code for Elevators and Escalators. This document is an active one, with changes inserted into it each year. These changes are considered critical to the safety of the passengers, elevator officials, firefighters and inspectors who deal with elevators on a daily basis. The area of focus for this seminar is an update of those changes to the 2013 code, Firefighters' Emergency Operation (FEO) (2.27.1, 2 and 3) that will be in effect as New Jersey has proposed to adopt the 2013 edition. This seminar provides attendees with an overview of information that they should know to safely and effectively inspect the Firefighters' Emergency Operation (FEO) component. **Participants have the option of receiving elevator, fire protection and hotel/multiple dwelling duplicate credit for completion of this technical seminar. 0.5 CEU**

Wed, Nov 18 - Atlantic Cape Community College, Rutgers Building Q, Mays Landing
Wed, Dec 09 - Middlesex Cty Fire Academy, Sayreville

**D232**
**BACKFLOW PREVENTION AND HOW IT RELATES TO THE CODE**
**Instructor: Azmo Mechanical, Inc.**
This seminar provides a comprehensive overview of the Federal and State Primacy laws regarding cross-connection control and backflow prevention in plumbing and fire sprinkler systems. Topics include: the standards and how they relate to code, the distinction between containment and isolation backflow installations, the difference between high and low hazards, concepts between backpressure and back-siphonage, the contrast between an assembly and a device, and the five basic concepts one must know when selecting a backflow preventer. **Participants have the option of receiving fire protection and plumbing subcode duplicate credit for completion of this technical seminar. 0.5 CEU**

Fri, Nov 13 - Fairbridge Inn, East Hanover
Monday, Dec 07 - Online - Go To Training
Tues, Dec 15 - Cumberland Cty College Conference and Events Center, Vineland

**D178**
**BACKFLOW PROTECTION, ANTI-SCALD PROTECTION AND ENERGY CODE A-Z**
**Instructor: Fritz Reuss**
Backflow prevention and anti-scald compliance requirements are analyzed regarding code and manufacturers’ installation requirements. Applications, manufacturers’ installation criteria, listing and hazard prevention are discussed for code standard compliance throughout the seminar. Energy code requirements for the Plumbing Officials are also reviewed, including examples of compliance and non-compliance. **Participants have the option of receiving plumbing and boiler, pressure vessel and refrigeration subcode duplicate credit for completion of this technical seminar. 0.5 CEU**

Wed, Sept 23 - Online - Go To Training
Tues, Sept 29 - The Hotel Somerset-Bridgewater, Somerset
Tues, Dec 08 - Atlantic Cape Community College, Rutgers Building Q, Mays Landing
**D246**
**BASICS OF RADIANT HEATING AND COOLING**
*Instructor: IAPMO*

Upon completion of this seminar, students will have a greater understanding of the myriad of ways that radiant comfort can be applied, including radiant floors of all types, radiant walls, ceiling and panel radiators. Students will learn the nuances, applications, and limitations of all hydronic components, including the different types of boilers and their applications, ground source heat pumps and their limitations, as well as compatibility between the different heat sources and methodologies for distribution. **Participants have the option of receiving building, mechanical and plumbing subcode duplicate credit for completion of this technical seminar.** 0.5 CEU

Tues, Sept 22 - Foundation for Educational Administration, Monroe
Thurs, Oct 15 - Monmouth Cty Fire Academy, Freehold

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**L059**
**CODE CHANGES FOR THE 2010 & 2013 EDITIONS OF A17.1**
*Instructor: NAESA International*

This seminar highlights the significant changes between the two editions of A17.1. At the end of the class, participants will have a clear understanding of the differences between the 2010 and 2013 editions of A17.1. 0.5 CEU

Tues, Oct 27 - Cape May Cty Public Safety Training Center, Cape May Court House
Tues, Nov 17 - Middlesex Cty Fire Academy, Sayreville

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**A556**
**BUILDING BRIDGES TO SUCCESS**
*Instructor: Brenda Sirkis & Susan McLaughlin*

Professionalism is an evolving process - it doesn’t just happen. Our environments are similar, our strengths and weaknesses vary. Perceptions and assessment, a one team approach and conversational intelligence is explored. Students will learn to be an advocate for code enforcement in this experiential venue. This administrative seminar provides the participants with the knowledge and capabilities to inspire confidence, establish initiative, assume responsibility and increase one’s level of humility and trust. 0.5 CEU

Fri, Nov 06 - Atlantic Cape Community College, Rutgers Building Q, Mays Landing
Wed, Dec 09 - Holiday Inn, Clinton

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**R050** **NEW**
**CARNIVAL AND AMUSEMENT RIDE DESIGN**
*Instructor: Richard Osworth*

Ride safety is the focus of this seminar with a full presentation of the ride programs design process. New Jersey has a unique program of type certification for initial design and process to maintain that design integrity if any modifications are undertaken. This seminar covers the responsibilities of ride manufacturer, ride owner, ride operator, Recognized Certified Maintenance Technician and ride inspector as defined by ride regulations and ASTM standards. **This seminar is open ONLY for the Amusement Ride inspectors and RCMTs.** 0.5 CEUs

Fri, Dec 04 - RWJ Conference Center, Hamilton

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**D254**
**COMMERCIAL AND RESIDENTIAL HVAC - ICC CODE AND HIGH EFFICIENCY VENT COMPLIANCE**
*Instructor: Fritz Reuss*

This seminar provides an overview of code compliance 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. The seminar is aimed at strengthening the code official’s understanding of manufacturers’ installation requirements and specific HVAC code compliance. Specific examples and compliance scenarios are also reviewed. **Participants have the option of receiving building, fire protection, plumbing, mechanical and boiler, pressure vessel and refrigeration subcode duplicate credit for completion of this technical seminar.** 0.5 CEU

Tues, Sept 29 - Ocean Cty Fire and EMS Training Center, Waretown
Tues, Oct 13 - The Inn at Lambertville Station, Lambertville
Monday, Dec 14 - Online - Go To Training

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**D241**
**COMMERCIAL COOKING APPLIANCES, EXHAUST SYSTEMS, AND FIRE SUPPRESSION – THE TOTAL VIEW**
*Instructor: David Phelan, Davidson Code Concepts*

This course focuses on the 2015 code changes and new technologies being installed for commercial cooking and ventilation. This course looks to dispel some of the myths that occur and brings an updated understanding to the design and installation of these systems. It is designed as a total system approach covering a commercial cooking installation start to finish. **Participants have the option of receiving building, mechanical and fire protection subcode duplicate credit for completion of this technical seminar.** 0.5 CEU

Wed, Oct 07 - Holiday Inn, Clark
Tues, Nov 24 - Cape May Cty Public Safety Training Center, Cape May Court House
P122
COMMERCIAL/RESIDENTIAL KITCHENS AND GREASE INCEPTORS; PLAN REVIEW AND INSPECTION
Instructor: Fritz Reuss
This seminar will give an in depth review of all plumbing systems and components related to commercial and residential kitchens. Grease interceptor sizing and installation criteria are reviewed along with an intense overview of the backflow prevention precautions. 0.5 CEU
Fri, Oct 23 - Executive Inn, Fairfield
Thurs, Nov 12 - Burlington Cty Emergency Service Training Center, Westampton

D218
COMMON VIOLATIONS OF THE FUEL GAS CODE IN PLANS AND INSPECTIONS
Instructor: Anthony Gargani
This seminar applies the basics of the gas regulations to common problems. Significant sections of the regulations are reviewed. Students will discuss examples that apply code sections to everyday situations, as well as methods that have worked on plan review and inspections. Handouts include counter documents and checklists that will help reduce problems. Participants have the option of receiving building, fire protection, plumbing, mechanical and boiler, pressure vessel and refrigeration subcode duplicate credit for completion of this technical seminar. 0.5 CEU
Fri, Oct 09 - Holiday Inn, Clark
Thurs, Dec 10 - Clarion, Toms River

D189
CONSTRUCTION BLUEPRINT READING FOR TECHNICAL ASSISTANTS AND MULTIPLE DWELLING INSPECTORS
Instructor: James Foran
The reading of construction blueprints is a foundational skill in construction code enforcement. All construction professionals, regardless of whether they are working in the field or in the office, must know how to read blueprints. Blueprint reading requires practice and some basic knowledge. At the completion of this seminar, participant will have a basic necessary knowledge of blueprint reading as it relates to building construction projects. Participants can expect to learn the basic principles of the design process, and the role of design professionals and be able to find trade information using blueprints. Additionally, they will be able to answer basic construction questions related to the layout and installation of materials at the jobsite and be able to identify elementary problems or short comings of the blueprints. Participants have the option to receive hotel multiple dwelling subcode duplicate credit for completion of this administrative seminar. 0.5 CEU
Thurs, Oct 29 - Holiday Inn, Clinton
Wed, Dec 16 - RWJ Conference Center, Hamilton

CONTINUING EDUCATION SEMINARS

P186
COMMON VIOLATIONS OF THE PLUMBING CODE IN PLANS AND INSPECTIONS
Instructor: Anthony Gargani
This seminar applies the basics of the plumbing regulations to common problems. Significant sections of the regulations are reviewed. Students will discuss examples that apply code sections to everyday situations, as well as methods that have worked on plan review and inspections. Handouts include counter documents and checklists that will help reduce problems. 0.5 CEU
Tues, Nov 24 - The Hotel Somerset-Bridgewater, Somerset
Fri, Dec 04 - Renault Resort, Tuscany House Hotel, Egg Harbor City

A560
CONSTRUCTION OFFICE RESPONSIBILITIES AND DUTIES OF CODE OFFICIALS AND PERSONNEL
Instructor: Valerie Waricka
The purpose of this administrative seminar is to explore the duties and responsibilities of the entire construction office personnel and how their individual jobs affect each other. Participants will learn what can be done to become a more efficient office and what can be done in the field to promote uniformity of the New Jersey Uniform Construction Code. Participants will partake in group discussions and share their opinions and experiences with the entire class. 0.5 CEU
Thurs, Oct 29 - Holiday Inn, Clinton
Wed, Dec 16 - RWJ Conference Center, Hamilton

B701
DECKS: PLAN REVIEW AND PROBLEMS USING THE IBC AND IRC 2015
Instructor: Jack Boekhout Consulting, LLC
This seminar is designed to help the code official with plan review for decks. It includes examples of various problems and information on what the inspector can look for to help prevent them. 0.5 CEU
Wed, Oct 21 - Executive Inn, Fairfield
Fri, Nov 06 - Gloucester Cty Fire Academy, Clarksboro
Wed, Nov 25 - Online - Go To Training
A553
DISASTER MANAGEMENT - UCC CRISIS RESPONSE AND EMERGENCY OPERATIONS
Instructor: Dennis Pino & Nick Fabiano
Jersey Shore Code Officials developed a county-wide UCC mutual aid system based upon the emergency building inspection program and first-hand experience. Produced by NJ Code Officials for Code Officials, this seminar highlights the evolving Disaster Management Plan for 24/7 UCC emergency operations including departmental organization, authority, responsibilities, budgets, supplies, disaster response protocols, training with certification, field operations, safety-evaluation teams, personal protective equipment and shareable data collection via mobile device integration. 0.5 CEU
Fri, Oct 09 - Gloucester Cty Fire Academy, Clarksboro
Thurs, Dec 17 - Holiday Inn, Clark

E238
ELECTRICAL EQUIPMENT IN THE SPECIAL FLOOD HAZARD AREA (SFHA)
Instructor: Donald Clare
This seminar provides the electrical professional with the tools to identify structures located in the Special Flood Hazard Area (SFHA) using FEMA maps and other online resources, necessary to perform compliant installations of electrical systems. Topics include preventing non-compliant installations under the requirements of a Substantial Damage/Substantial Improvement (SD/SI) determination, ASCE 24, and the requirements and interaction with the National Electrical Code (NEC). The course will also cover understanding the conditions of a community Flood Prevention Ordinance as a prior approval, a flood compliant installations effect on reduced flood premiums, as well as the requirements for proper meter elevation and wiring methods. 0.5 CEU
Mon, Oct 05 - Online - Go To Training

R035
ELECTROMAGNETIC WIRE ROPE TESTING OF AMUSEMENT RIDES
Instructor: TechKnowServ
This seminar covers the application and standardization of instruments that use the electromagnetic, the magnetic flux, and the magnetic flux leakage examination method to detect flaws and changes in metallic cross-sectional areas in ferromagnetic wire rope products used in Amusement Rides. Trainees will be educated on the electromagnetic principles and state-of-the-art technology used for defect detection in the steel ropes used in Amusement Rides, as well as how to interpret the data generated from these tests and have an understanding of how a defect is identified. **This seminar is open ONLY for the Amusement Ride inspectors and RCMT's.** 0.5 CEUs
Fri, Oct 16 - The Inn at Lambertville Station, Lambertville

E253
EMERGENCY, LEGALLY REQUIRED AND OPTIONAL STANDBY SYSTEMS
Instructor: IAEI, NJ Skylands Chapter
This seminar provides an in depth review of emergency systems, legally required standby systems, and optional standby systems as well as a focus on Article 220 of the 2014 NEC, branch circuit, feeder and service calculations in order to ensure adequate capacity of the system as required. The goal of this course is to provide the student with the tools needed to properly review the specified equipment specifications, supplied plans and load study calculations in order to determine compliance with all adopted codes. 0.5 CEU
Wed, Sept 23 - Foundation for Educational Administration, Monroe
Thurs, Oct 08 - Holiday Inn, Clark

D222
ELEVATOR SAFETY SUBCODE REVISITED
Instructor: Richard Ossworth
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 on-going 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 has a role and responsibilities different from other subcodes and this seminar fully explores the unique attributes of the position. **Participants have the option of receiving elevator subcode duplicate credit for completion of this administrative seminar.** 0.5 CEU
Thurs, Sept 24 - Foundation for Educational Administration, Monroe

A455
ETHICS, VALUES, AND CONFLICT OF INTEREST
Instructor: Philip Sabatelli
Ethical issues play an important role in the everyday activities of UCC personnel. Through exercises and discussion, participants will identify, define and apply selected concepts from the field of ethics and values as they relate to potential ethical dilemmas and their solutions. In addition, participants will learn definitions of different types of ethical styles and choices, test them against their own experiences, and clarify the differences between proper and inappropriate ethical choices on the job. 0.5 CEU
Wed, Sept 30 - Hampton Inn, Denville
Thurs, Dec 03 - Renault Resort, Tuscany House Hotel, Egg Harbor City
D255  
FIRE BARRIER INSPECTION 
Instructor: Sinisi Associates LLC 
This seminar delivers education on fire barrier inspection and is designed for the municipal, state and special inspector that is 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. Participants have the option of receiving building, fire protection and special inspector (spray-applied fireproofing) subcode duplicate credit for completion of this technical seminar. 0.5 CEU 
Wed, Oct 07 - Gloucester Cty Fire Academy, Clarksboro 
Mon, Oct 19 - Online - Go To Training 
Wed, Nov 18 - Morris Cty Public Safety Training Academy, Parsippany 

D198  
FIRE PROOFING INSPECTION TECHNIQUES AND PLAN REVIEW 
Instructor: Sinisi Associates LLC 
This seminar provides education on proven techniques to perform accurate spray applied fire proofing and smoke seal inspection for all types of new and existing construction. The seminar covers tested systems combined with the practical experience and knowledge of qualified third party fire proofing inspectors. This seminar brings attendees up to speed with NFPA 221, Challenge Fire Barriers and discusses best practices for inspection needed to meet ASTM E-605 and ASTM E-736 for Thickness, Density, Adhesion and Cohesion performance. The participants will discuss case studies on projects including steel and fireproofing inspection in the northeast, Miami International Airport, Bank of America World Headquarters, Cherry Hill Towers and various projects throughout New York, Pennsylvania and one in Costa Rica! Participants have the option of receiving building, fire protection and special inspector (spray-applied fireproofing) subcode duplicate credit for completion of this technical seminar. 0.5 CEU 
Wed, Nov 04 - Atlantic Cape Community College, Rutgers Building Q, Mays Landing 
Wed, Dec 02 - Holiday Inn, Hasbrouck Heights 

D238  
FIRE RESISTANT CONSTRUCTION - PASSIVE PROTECTION 
Instructor: Davidson Code Concepts 
Fire resistant construction is a concept of passive fire protection in building construction whereby materials and systems are selected based on their ability to resist or limit the spread of fire and smoke. From the height and area limitations of the code to the type of construction and requirements for compartmentation, the selection of these systems is directly related to the expected transfer of heat or smoke from a fire to and through building components. This seminar is intended to introduce code officials to fire resistant construction from a concept and scientific approach. It will explain the various fire resistance testing procedures, as well as provide a fundamental understanding of construction materials and how they provide the intended protection level. Changes to the 2012/2015 NJ-IBC are also included. Participants have the option of receiving building, hotel/multiple dwelling and fire protection subcode duplicate credit for completion of this technical seminar 0.5 CEU 
Tues, Oct 27 - Bergen Cty Law and Public Safety Institute, Mahwah 
Tues, Dec 08 - Clarion, Toms River 

D190  
FIRESTOPPING AND DRAFTSTOPPING 
Instructor: Hilti Co., Inc 
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. Participants have the option of receiving building and fire protection subcode duplicate credit for completion of this technical seminar. 0.5 CEU 
Wed, Oct 28 - Foundation for Educational Administration, Monroe 
Thurs, Dec 03 - Sussex Cty Fire Academy, Newton
B290
FRAMING INSPECTIONS - USING A CHECKLIST
Instructor: James Foran
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
Tues, Nov 17 - Atlantic Cape Community College, Rutgers Building Q, Mays Landing
Tues, Dec 08 - Holiday Inn, Clinton

D174
GENERAL RELATIONSHIPS OF THE ENFORCING REGULATIONS
Instructor: John Daniels
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. Participants have the option of receiving fire protection subcode and hotel/multiple dwelling duplicate credit for completion of this technical seminar. 0.5 CEU
Tues, Dec 15 - RWJ Conference Center, Hamilton

E211
GENERATOR POWER SOURCES
Instructor: Constantinos Papademas, LLC
This course enhances the code officials’ knowledge of classifying the generator power sources and applying the proper NEC requirements for these classifications. The NEC has several categories that apply to generator power sources: emergency, legally required standby, optional standby systems and critical operations power systems. These system classifications affect how generators are applied within the distribution system. There are big differences between these types of systems. It is important for code officials to understand the code requirements when deciding on the classification and application of these alternate power sources. 0.5 CEU

Fri, Sept 25 - Foundation for Educational Administration, Monroe
Tues, Nov 17 - Morris Cty Public Safety Training Academy, Parsippany

D235
H USE GROUP BUILDINGS USING THE 2015 IBC
Instructor: Jack Boekhout Consulting, LLC
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. Participants have the option of receiving building and fire protection subcode duplicate credit for completion of this technical seminar. 0.5 CEU
Fri, Oct 09 - Online - Go To Training

D240
HOUSING INSPECTION, THE FIRE CODE, AND THE REHAB CODE - MAKING IT WORK TOGETHER
Instructor: Davidson Code Concepts
Code enforcement in New Jersey takes many forms and we have specific codes to address specific topics. As a result, enforcement can be fragmented if the relationship between the various codes is not understood. This seminar will discuss the history and interrelation of the housing, fire, building and rehabilitation codes. Time will be spent on the applicability of each code, who is responsible for enforcement and how coordination between code officials is a necessity. Graphic examples are presented of enforcement scenarios that involved more than one code official discipline with discussion of how to coordinate enforcement actions. Participants have the option of receiving hotel/multiple dwelling, building and fire protection duplicate credit for completion of this administrative seminar. 0.5 CEU
Thurs, Sept 24 - Kean University, Science, Technology and Mathematics Building, Union
Thurs, Oct 22 - Clarion, Toms River
Fri, Dec 18 - Cumberland Cty College Conference and Events Center, Vineland
HANDLING WATER DAMAGED ELECTRICAL EQUIPMENT
Instructor: Stephen Norako
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 will review the concerns and methods of remediation recommended by both the National Electrical Manufacturers Association and specific manufacturers that will provide a guide to the electrical inspector when confronted with this matter. Participants have the option of receiving electrical and amusement rides subcode duplicate credit for completion of this technical seminar. 0.5 CEU

Tues, Oct 13 - Ramada Inn, Vineland
Thurs, Oct 29 - Foundation for Educational Administration, Monroe

INDOOR ENVIRONMENTAL QUALITY AND CONSTRUCTION
Instructor: Joseph Ponessa
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). Participants have the option of receiving building subcode and hotel/multiple dwelling duplicate credit for completion of this technical seminar. 0.5 CEU

Tues, Oct 27 - Holiday Inn, Clinton
Tues, Dec 01 - RWJ Conference Center, Hamilton

LEGAL ASPECTS OF CODE ADMINISTRATION
Instructor: James Quigley, International Code Council
Participants will be provided with guidelines for addressing the code’s legal aspects to enhance effective administration and enforcement. The following topics are covered during this seminar: legal concepts, property law concepts, identifying responsible parties, administration of the building code, preparing a case for court, right of entry, liability and testifying effectively. Participants will be able to apply effective building code administration and enforcement techniques to assist them in executing the legal aspects of their job. 0.5 CEUs

Thurs, Oct 01 - The Hotel Somerset-Bridgewater, Somerset
Wed, Nov 04 - Toms River Fire Academy, Toms River

MANAGING RECORDS IN THE AGE OF PUBLIC SCRUTINY
Instructor: David Nenno, Ethics Law Consulting Services
This seminar emphasizes how government officers are empowered and entrusted with the task of balancing privacy and transparency in conducting their public duties, especially in the records management discipline. The requirements of OPRA are examined against the quickly changing ethical landscape impacting how local governments file, maintain, retain, safeguard and provide public records and documents. Best practices are delivered for providing access to records and public documents via the web. 0.5 CEU

Tues, Oct 20 - Executive Inn, Fairfield
Wed, Dec 09 - Clarion, Toms River

NAVIGATING THE NATIONAL ELECTRICAL CODE
Instructor: Richard Paredes
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 sub codes. 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

Fri, Oct 30 - Cape May Cty Public Safety Training Center, Cape May Court House
Fri, Dec 18 - RWJ Conference Center, Hamilton

NJ 2015 IRC WALL BRACING REQUIREMENTS
Instructor: John Daniels
This technical seminar is designed to identify and explain the prescriptive wall bracing requirements of the NJ 2015 IRC along with the new charts and methods as compared to the NJ 2009 IRC. Focus will be on the various bracing methods, minimum information needed for a plan submission and field inspections. Review of plans along with various hands on activities will enhance and develop the individual’s knowledge and understanding of the NJ 2015 IRC wall bracing requirements. 0.5 CEU

Wed, Sept 30 - Rutgers EcoComplex, Bordentown
Thurs, Dec 03 - Holiday Inn, Hasbrouck Heights
A563 NEW FLOOD HAZARD AREA CONTROL ACT RULES
Instructor: Vince Mazzei, Department of Environmental Protection (DEP)
Through the Flood Hazard Area Control Act rules, NJDEP regulates development within the State’s flood hazard areas and riparian zones. This course will be taught by Vince Mazzei, P.E., the author of these rules, and will cover both the existing rules and proposed amendments to these rules that were published on 6/1/15. Topics to be covered include: areas and activities regulated by the FHACA rules, FEMA flood mapping and NJDEP flood mapping. 0.5 CEU

Tues, Sept 29 - Hampton Inn, Denville
Thurs, Oct 29 - Cape May Cty Public Safety Training Center, Cape May Court House
Tues, Dec 08 - Middlesex Cty Fire Academy, Sayreville

D169 NON-DESTRUCTIVE TESTING AND INSPECTION OF STRUCTURAL WELDING
Instructor: TechKnowServ
This seminar provides attendees with the knowledge and ability to perform non-destructive testing and inspection of welds in structural components using ultrasonic testing, magnetic particles testing and liquid penetrant testing methods. The attendees will observe demonstrations and gain hands-on practical experience on sample specimens in these NDT techniques. This will allow the students to gain valuable insights into the inspection and acceptance/rejection methodologies of welds in structural components. Participants have the option of receiving building, amusement rides subcode, special inspector (steel) and boiler, pressure vessel and refrigeration subcode duplicate credit for completion of this technical seminar. 0.5 CEU

Fri, Dec 11 - Middlesex Cty Fire Academy, Sayreville

E232 ONE FAMILY DWELLING GENERATOR INSTALLATIONS - WHAT IS ACTUALLY REQUIRED?
Instructor: Stephen Norako
This seminar provides current information required to evaluate one family dwelling generator system designs and conduct field inspections. The focus is on reviewing NEC Article 445 (Generators) & 702 (Optional Standby Systems) to provide design for automatic or manual transfer of power for one family dwellings. 0.5 CEU

Thurs, Nov 12 - Fairbridge Inn, East Hanover
Fri, Dec 11 - Clarion, Toms River

A549 OPEN SOURCE GOVERNMENT: TRANSPARENCY VS. PRIVACY: WHEN OPRA MEETS THE WEB
Instructor: David Nenno, Ethics Law Consulting Services
This seminar reviews the foundation and pillars of government ethics and embarks upon a discussion of the emerging dangers with regard to the quest to abide with Pillar #5: transparency. Students will learn about recent changes impacting OPRA and gain a valuable understanding of the benefits and risks of providing documents online. They will leave better able to assess the best avenue for opening their records to the public via the web and improve their ability to respond to requests quickly and safely. 0.5 CEU

Wed, Oct 14 - The Inn at Lambertville Station, Lambertville
Wed, Nov 25 - Cape May Cty Public Safety Training Center, Cape May Court House

D100 OVERVIEW OF THE NEW JERSEY REHABILITATION SUBCODE
Instructor: James Foran
Subchapter 6 of the UCC, the “Rehabilitation Subcode,” was adopted on January 5, 1998, providing a new code to deal with rehabilitation projects on existing buildings in New Jersey. It replaces the 25/50 rule, the increase in size provisions, and the change of use section in the UCC. This course is a briefing in which the framework of this subcode is explained and illustrated. Participants have the option to receive building subcode duplicate credit for completion of this administrative seminar. 0.5 CEU

Thurs, Oct 01 - Ocean Cty Fire and EMS Training Center, Waretown
Fri, Dec 18 - Holiday Inn, Clark

A536 PERMIT PROCESS AND PROCEDURES (UCC SUBCHAPTER 2 INCLUDING PLAN RELEASE WITH CONDITIONS)
Instructor: Kenneth Rogers & Victor Timpanaro
This seminar focuses on what it takes to provide a complete permit application including the plan review process through the issuance of the permit. It discusses recent changes to minor work rules and the new provision for plan release with conditions requirements. A review of the requirements for the use of the Mechanical Subcode form is also included, as well as technical sections that are required for common permits. The seminar concludes with the discussion on certificate issuance. 0.5 CEU

Wed, Sept 23 - Executive Inn, Fairfield
Wed, Oct 21 - Cumberland Cty College Conference and Events Center, Vineland
PERMIT: TO BE OR NOT TO BE  
Instructor: Donald Clare  
This seminar explores the requirements for electrical permits. Students are taken through different types of work scenarios such as ordinary maintenance, minor work, emergency work, and typical permitted work. Prior approvals are equally important when determining the specific type of work and the project’s eligibility. The rules of each area are covered in depth. A variation of project types are discussed to trigger debate among the students and ultimately to verify each project’s permit requirements. Participants have the option of receiving electrical subcode duplicate credit for completion of this administrative seminar. 0.5 CEU
Thurs, Oct 01 - Rutgers EcoComplex, Bordentown  
Thurs, Dec 10 - Middlesex Cty Fire Academy, Sayreville

REHABILITATION SUBCODE REQUIREMENTS FOR THE ELECTRICAL INSPECTOR  
Instructor: Richard Napier  
The Rehabilitation Subcode can be confusing to some inspectors. This seminar provides an overview of the N.J.A.C. 5:23-6 Rehabilitation Subcode and how it relates to the responsibilities of the electrical inspector and subcode official. The topics cover the Rehabilitation Subcode from its origin, the intent of the Rehabilitation Subcode and its application in plan review and inspection. 0.5 CEU
Wed, Oct 28 - Holiday Inn, Clinton  
Thurs, Nov 19 - Atlantic Cape Community College, Rutgers Building Q, Mays Landing

RESIDENTIAL CONSTRUCTION IN COASTAL AREAS  
Instructor: Truss Joist & Simpson Strong-Tie  
The focus of this seminar will be on residential construction in coastal areas. As the Sandy rebuild continues and expands, it is essential that code officials have a working knowledge of the important material and connection issues involved in flood-resistant construction. This seminar will cover typical construction using engineered products in coastal areas and proper connections for these products. The seminar will cover both “stick built” and modular construction. 0.5 CEU
Fri, Oct 02 - Ocean Cty Fire and EMS Training Center, Waretown  
Fri, Dec 04 - Online - Go To Training

RESIDENTIAL FIRE SUPPRESSION SYSTEMS  
Instructor: David Phelan, Davidson Code Concepts  
This program provides the student with an understanding of when the various codes enacted in New Jersey require a residential occupancy to be protected with an automatic sprinkler system. It reviews the three standards of installation and when they apply or should not be applied. The program covers problems that might be encountered in the field and proper inspection and documentation techniques. Participants have the option of receiving building, fire protection, plumbing and hotel/multiple dwelling duplicate credit for completion of this technical seminar. 0.5 CEU
Thurs, Sept 24 - Renault Resort, Tuscany House Hotel, Egg Harbor City  
Fri, Nov 06 - Morris Cty Public Safety Training Academy, Parsippany  
Wed, Dec 02 - RWJ Conference Center, Hamilton

REVIEWING ELECTRICAL PLANS FOR DISTRIBUTION SYSTEMS  
Instructor: Albert Cox  
Using a sample problem, students will examine a typical distribution system with emphasis on determining the ratings of the overcurrent protective devices used to protect the electrical components of the system. Series rated systems, emergency systems, and solar systems are discussed at length due to the unique design criteria. This seminar provides knowledge of areas that need special attention when inspecting or during plan review. A discussion of NEC articles will provide plan reviewers and inspectors with the knowledge to evaluate system designs and inspect all overcurrent protective devices relevant to protecting electrical distribution systems. 0.5 CEU
Fri, Dec 11 - Holiday Inn, Clinton

SERVICES, SERVICE EQUIPMENT AND OVERCURRENT PROTECTION  
Instructor: Constantinos Papademas, LLC  
This seminar is designed to provide an overview of the NEC article 230 that covers the requirements to supply power to a structure and protect the conductors carrying that power. In addition, this seminar will address the NEC article 240 that provides the requirements for selecting and installing the overcurrent protection devices. This course is intended for code officials, electricians, utilities workers, engineers and other practitioners, with an overall goal of understanding
the updated NEC-2014 requirements of Services, Service Equipment and Overcurrent Protection. 0.5 CEU

Fri, Nov 13 - Burlington Cty Emergency Service Training Center, Westampton
Tues, Dec 01 - Sussex Cty Fire Academy, Newton

E251 🌟 SOLAR PHOTOVOLTAIC FUNDAMENTALS, SYSTEM DESIGN AND INSPECTION RESPONSIBILITIES PER NEC-2014
Instructor: Constantinos Papademas, LLC
The goal of this seminar is to develop a “system-knowledgeable” professional to help ensure the safety and quality of PV system installations. This seminar enhances the code officials' knowledge as PV systems proliferate and rapid technological changes are occurring in the materials and equipment used. Understanding these systems for code compliance and safe installation is a must. Special attention is given to the fundamentals of solar power, the design and installation of photovoltaic (PV) systems, and the 2014 NEC and New Jersey UCC requirements for inspections. 0.5 CEU

Thurs, Oct 15 - The Inn at Lambertville Station, Lambertville
Wed, Dec 09 - Atlantic Cape Community College, Rutgers Building Q, Mays Landing

D203 🌟 SPECIAL INSPECTORS – REINFORCED CONCRETE TESTING AND INSPECTION
Instructor: TechKnowServ
This seminar provides the attendees with the knowledge of inspection techniques of reinforced concrete. The mechanisms that cause damage in reinforced concrete are also covered. Some of the techniques discussed include ultrasonic testing, radiographic testing, half cell potential and ground penetrating radar. Participants have the option of receiving building, special inspector (concrete), amusement ride technical duplicate credit for completion of this administrative seminar. 0.5 CEU

Wed, Sept 30 - The Hotel Somerset-Bridgewater, Somerset
Thurs, Dec 17 - RWJ Conference Center, Hamilton

A555 🌟 STRESS MANAGEMENT FOR UCC PERSONNEL
Instructor: Philip Sabatelli
This seminar covers the physiological and psychological bases for stress, techniques for reducing stress, and an overview of the role nutrition/food intake and supplements play in stress reduction. The program focuses on the stressors typically encountered by UCC personnel in the performance of their professional duties. The goal of this seminar is to enable participants to control on-the-job stressors which rob them of efficiency and effective job performance. 0.5 CEU

CONTINUING EDUCATION SEMINARS

Wed, Nov 04 - Gloucester Cty Fire Academy, Clarksboro
Fri, Nov 13 - Somerset Cty Emergency Services Training Academy, Hillsborough

D223 🌟 TESTIFYING AT TRIAL AND ADMINISTRATIVE PROCEDURES
Instructor: Derek Reed; Ehrlich, Petriello, Gudin & Plaza
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. Participants have the option of receiving hotel/multiple dwelling technical duplicate credit for completion of this administrative seminar. 0.5 CEU

Tues, Oct 06 - Gloucester Cty Fire Academy, Clarksboro
Thurs, Nov 05 - Morris Cty Public Safety Training Academy, Parsippany

D185 🌟 THE HOTEL/MULTIPLE DWELLING CODE AND UFC RETROFIT PROVISIONS
Instructor: John Daniels
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 of the Retrofit 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. Participants have the option of receiving building, fire protection subcode and hotel/multiple dwelling duplicate credit for completion of this technical seminar. 0.5 CEU

Thurs, Oct 01 - Hampton Inn, Denville
Fri, Nov 06 - Toms River Fire Academy, Toms River
CENTER FOR GOVERNMENT SERVICES
CONTINUING EDUCATION SEMINARS

P171
THE UCC FOR PLUMBING SUBCODE OFFICIALS & INSPECTORS
Instructor: Anthony Gargani
This seminar takes a fresh approach to the UCC. It concentrates on the plumbing-specific sections of the UCC to enhance the effectiveness of the plumbing officials in all phases of their responsibilities. It facilitates the navigation of the UCC as required to locate, interpret, explain and enforce the regulations. 0.5 CEU
Fri, Oct 02 - Rutgers EcoComplex, Bordentown

E229
TOP REASONS FOR NON APPROVAL IN ELECTRICAL PLAN REVIEW AND INSPECTION
Instructor: Richard Napier
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
Wed, Sept 30 - Ocean Cty Fire and EMS Training Center, Waretown

D179
UCC SPECIAL INSPECTIONS PROGRAM REQUIREMENTS
Instructor: John Daniels
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. The topics to be discussed include the Statement of 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. Participants have the option to receive building subcode credit for completion of this administrative seminar. 0.5 CEU
Wed, Oct 14 - Ramada Inn, Vineland

A554
THE INSPECTION WORKSHOP
Instructor: Dennis Pino, Nick Fabiano & Patrick Reardon
We’ve all heard it. .. “No one else requires that!” This hands-on interactive workshop puts students’ UCC administrative knowledge and office operations to the test. Students will work independently and in groups to review work type requirements, inspect life-size mock construction projects and analyze many other related scenarios with a twist of UCC misconceptions purposely built-in to engage positive participation. This seminar helps students reduce their department’s workload, increase efficiencies and sharpen their UCC skills while assuring uniform compliance. 0.5 CEU
Wed, Oct 28 - Bergen Cty Law and Public Safety Institute, Mahwah
Thurs, Nov 12 - Monmouth Cty Fire Academy, Freehold
Thurs, Dec 10 - Atlantic Cape Community College, Rutgers Building Q, Mays Landing

A550 NEW
THE SECURITY ILLUSION: IS”SAFE” REALLY SAFE? KEEPING YOUR IDENTITY AND INFRASTRUCTURE PROTECTED FROM PRYING EYES ONLINE
Instructor: David Nenno, Ethics Law Consulting Services
Code officials are instructed how to navigate the new and emerging challenges of the digital age. The basics of digital identity and communications are clearly enumerated as well as the best practices for keeping digital communications safe and communications systems up and running. Students will learn how to better use the digital devices of our day to process, manage, store and transmit data in a way that keeps it as safe as possible. 0.5 CEU
Thurs, Oct 08 - Gloucester Cty Fire Academy, Clarksboro
Wed, Dec 02 - Sussex Cty Fire Academy, Newton

A552
THE UCC AND THE INTERNET - A TOOL OF THE TRADE
Instructor: Richard Osworth
This seminar explores the information available to the local official on the State of New Jersey’s web. It focuses on the Division of Codes and Standards’ use of the web as a means of maintaining current information for the local official and for their constituents. In a broad overview of New Jersey’s web site, the seminar will drill down to the Code Official information page. The participant will leave with a knowledge of all current information available to them at NJ.GOV and a strategy to engage their constituents in the use of the information on the DCA web. 0.5 CEU
Wed, Oct 07 - Rutgers University Inn, New Brunswick
Thurs, Dec 03 - RWJ Conference Center, Hamilton

NO. 38

CONTINUING EDUCATION SEMINARS

NO. 39
D242 UNDERSTANDING AND TESTING SMOKE CONTROL SYSTEMS
Instructor: Robert Davidson, Davidson Code Concepts
With increases in the number of high rise buildings and large atrium spaces in modern architectural design, the management of smoke and fire gases has become more challenging. Based upon the 2015 I-Codes, this seminar discusses when smoke control systems must be used, their relationship and dependence on other building systems and explains how modern building codes are moving from simple, ineffective air change requirements to using fire modeling and rational analysis based design. In addition, this seminar addresses smoke venting, where it is required and how it differs from smoke control, as well as concepts of smoke movement and control. Changes that have occurred in the I-Codes will be reviewed. Participants have the option of receiving building, fire protection and mechanical subcode duplicate credit for completion of this technical seminar. 0.5 CEU

Thurs, Oct 15 - Ramada Inn, Vineland
Thurs, Nov 12 - Somerset Cty Emergency Services Training Academy, Hillsborough

D233 USE GROUPS AND ALLOWABLE BUILDING SIZES IN IBC 2015
Instructor: Jack Boekhout Consulting, LLC
Over the years the definitions of various uses have changed, some several times. With the adoption of the international codes, many of the uses have changed to a certain degree. Students will review the requirements for all Use Groups, then move on to Construction Types and review how to adjust the allowable size of structures using all of the information from tables 503 and 602 with adjustments available. Practice problems and practical solutions are offered during this seminar. Participants have the option of receiving building and fire protection subcode duplicate credit for completion of this technical seminar. 0.5 CEU

Fri, Oct 02 - Hampton Inn, Denville
Tues, Oct 13 - Monmouth Cty Fire Academy, Freehold
Mon, Oct 26 - Online - Go To Training
Fri, Dec 11 - Atlantic Cape Community College, Rutgers Building Q, Mays Landing

D257 USING THE IFC AS PART OF THE UCC - IFC UPDATE
Instructor: Davidson Code Concepts
This program reviews the relationship between the IFC and other subcodes and highlights important construction requirements found in the IFC. With the development and adoption of the I-Codes, (soon to be 2015 edition), the International Fire Code has been transformed into an extension of the IBC, IMC, and IFGC for construction purposes. It is not a referenced standard; it is a construction code along with being a fire & life safety maintenance code. Significant changes to the 2012 and 2015 editions of the Code are also included in the discussion. Participants have the option of receiving building and fire protection subcode duplicate credit for completion of this technical seminar. 0.5 CEU

Thurs, Nov 05 - Gloucester Cty Fire Academy, Clarksboro
Tues, Nov 24 - Executive Inn, Fairfield

D236 WELDING INSPECTION FOR STRUCTURAL STEEL. HANDS-ON VISUAL AND LIQUID PENETRANT TEST
Instructor: Alex Caploon
This course will enable the student to properly evaluate the qualifications of the contractor and the quality of the welding assembly. Welding Procedure Qualification (WPS), Procedure Qualification Report (PQR) and Welders Qualifications will be reviewed. Procedure for proper Liquid Penetrant Test will be demonstrated. Participants have the option of receiving building, special inspector (steel), amusement ride and boiler, pressure vessel and refrigeration subcode duplicate credit for completion of this technical seminar. 0.5 CEU

Tues, Oct 06 - Rutgers University Inn, New Brunswick
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.

**Hamilton: Robert Wood Johnson Conference Center**
3100 Quakerbridge Road, Hamilton, NJ 08619
(609)584-2159 • www.rwjhamilton.org

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

**Hillsborough: Somerset County Emergency Services Training Academy**
402 Roycefield Road, Hillsborough, NJ 08844
(908)725-5070 • http://tiny.cc/somersetcoesta

**Lambertville: The Inn at Lambertville Station**
11 Bridge Street, Lambertville, NJ 08530
(609)397-8461 • www.lambertvillestation.com

**Mahwah: Bergen County Law and Public Safety Institute**
281 Campgaw Road, Mahwah, NJ 07430
(201)785-6000 • www.co.bergen.nj.us/lpsi

**Mays Landing: Atlantic Cape Community College Rutgers Building Q**
5100 Black Horse Pike, Mays Landing, NJ 08330
(609)343-2092 • www.atlantic.edu

**Monroe: Foundation for Educational Administration**
12 Centre Drive, Monroe, NJ 08831
(609)860-1200 • www.featraining.org

**New Brunswick: Rutgers University Inn and Conference Center**
178 Ryders Lane, New Brunswick, NJ 08901
(732)932-9144 • www.meeteatsleep.rutgers.edu

**Newton: Sussex County Fire Academy**
114 Morris Turnpike, Newton, NJ 07860
(973)948-7897 • http://sussex.edu/ce/publicsafety

** Parsippany: Morris County Public Safety Training Academy**
500 West Hanover Avenue, Morris Plains, NJ 07054
(973)285-2979 • www.morrisacademy.org

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

**Somerset: The Hotel Somerset-Bridgewater**
110 Davidson Avenue, Somerset, NJ 08873
(732)560-0500 • http://www.hotelsomersetbr.com

**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

VINELAND: RAMADA INN
2216 West Landis Avenue, Vineland, NJ 08360
(856)696-3800 • www.ramadavineland.com

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