

RUTGERS

Continuing Studies

CENTER FOR GOVERNMENT SERVICES

Rutgers, The State University of New Jersey

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CENTER FOR
GOVERNMENT SERVICES

Construction and Multiple Dwelling Code Enforcement Officials

Technical Assistants

Design Professionals

CONTINUING EDUCATION SEMINARS ||
FALL 2019 SCHEDULE



RUTGERS
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CONTINUING EDUCATION SEMINARS

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

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

HOW TO USE THIS BROCHURE

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

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REGISTRATION INFORMATION

If your code enforcement license expires on January 31, 2020, 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, 2020, you will be limited to either two seminars or one per subcode in which you hold a license (whichever is greater). This will give everyone an equal opportunity to register. If you are interested in registering for additional seminars, you should call one week before the seminar start date.



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


Registration Procedure:

1. Select a first and second choice from the seminars offered. In case your first choice is filled, you can register for your alternate selection. The DCA staff person responding to your email or phone call can answer questions about the fulfillment of your education requirement for the current licensing cycle.
2. Email the DCA Education Unit at education.unit@dca.nj.gov. Be sure you indicate your full name, your code enforcement license number, the course code, location and date of each seminar you have selected. Please note first and second choices. You will receive an emailed confirmation of your registration.
3. You may also call the DCA Education Unit at 609-984-7820 between the hours of 9:00 AM and 4:00 PM. Be sure to have the following information ready: your code enforcement license number, the course code, location and date of each seminar you have selected.

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

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

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

Online Seminars: Seminars marked with  are available online. Online GoToTraining seminars are identical in content and timing to our in person training programs (5 hours, 0.5 CEUs). Registration for the full day seminars will begin at 8:00 AM; the seminar instruction will begin at 8:30 AM and conclude no later than 4:00 PM. Evening sessions are scheduled between 6:30 PM and 9:00 PM with registration starting at 6:00 PM. Be sure that you can allot that entire period of time to attend. **You MUST log into GoToTraining at least ½ hour prior to start.**

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

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

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

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


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

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

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

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

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

Seminar Title	Course Code	Online	Admin	Building	Electrical	Elevator	Fire Protection	Plumbing	Mechanical	Multiple Dwelling	Special Inspector	State Jurisdiction	Reciprocal with DFS	For details see page
Administrative Tool Kit for the UCC	A480		X										6	19
Statutory Duties of the Construction and Subcode Official	A587		X										6	34
The Annual Permit	A606		X										6	35
Premanufactured Construction - Today's Building Technology	A712		X										6	34
Ordinary Maintenance, Minor Work/ Emergency Work and Responsibility - A Refresher	A714		X										6	31
Five Star Leadership 2 - Communication Breakdown	A722		X										6	24
The Code Official Playbook	A724		X										6	36
The UCC Challenge. 2019 Edition	A725		X										6	37
Prior Approvals - A Refresher Course	A726		X										6	34
Violation Notices - The Enforcement Process	A727		X										6	39
Framing Inspection - Using a Checklist	B290			X										24
Inspection of Metal Plate Connected Wood Trusses and a Component Manufacturing Plant Tour	B525			X										26
2015 IRC Wall Bracing Made Simple	B820			X										12
Installation and Inspection Issues with Structural Fasteners, Concrete Anchors, and Cold Form Steel Connectors	B823			X										26
Working with Engineered Wood	B824			X										40
Barrier Free 2019	D009		X	X									6	21
Advanced Barrier Free 2019	D157		X	X									6	20
The Relationships of the Enforcing Regulations	D174		X				X			X			6	37
UCC Special Inspections Program Requirements	D179		X	X									6	38

Seminar Title	Course Code	Online	Admin	Building	Electrical	Elevator	Fire Protection	Plumbing	Mechanical	Multiple Dwelling	Special Inspector	State Jurisdiction	Reciprocal with DFS	For details see page
The Hotel/Multiple Dwelling Code and UFC Retrofit Provisions	D185			X			X			X			☞	36
New Fireproofing in IBC 2018	D198			X			X				SF		☞	30
Natural Gas, LPG Gas Piping Systems plus Stand-by Generators	D224							X	X					28
Navigating the UCC Rehab Code	D265		X	X									☞	28
HVAC Duct System Inspections	D285			X			X	X	X				☞	25
Introduction to Sprinkler Systems	D287						X			X			☞	27
Fire/Smoke Damper Inspection in HVACR systems	D304			X			X		X				☞	24
New Firestopping in IBC 2018	D305			X			X						☞	30
Welding Testing and Inspection. Non-destructive Testing Procedures. Practical Liquid Penetrant, Magnetic Particle and Ultrasonic Test	D308			X							SS	R		40
Introduction to Fire Alarm Systems	D309				⚡		X			X			☞	26
The NJ Rehabilitation Subcode - Advanced Analysis	D310		X	X			X						☞	37
The Act, The Regs and Tort Claims	D322		X		⚡								☞	35
Permit and Inspections	D326		X		⚡								☞	32
Plan Review Using the 2018 IBC	D327			X			X						☞	32
Plan Review Using the 2018 IRC	D328	📄		X			X						☞	33
Carbon Monoxide Detection Requirements in NJ	D329						X			X			☞	22
2018 IMC Special Topics: Access and Protection of Equipment and Installation of Specific Appliances	D330			X			X	X	X				☞	17
Backflow Prevention and Cross-Connection Control Training for Inspectors of Plumbing, Mechanical, Irrigation, and Fire Sprinkler Systems	D331						X	X					☞	20
2018 IBC Essentials	D332			X			X						☞	14
2018 IBC Mixed Occupancies	D333			X			X						☞	15

Seminar Title	Course Code	Online	Admin	Building	Electrical	Elevator	Fire Protection	Plumbing	Mechanical	Multiple Dwelling	Special Inspector	State Jurisdiction	Reciprocal with DFS	For details see page
2018 IBC Significant Changes	D334			X			X						6	15
2018 IMC Combustion Air and Venting	D335			X			X	X	X			V	6	16
2018 IMC Design and Plan Review	D336			X			X	X	X			V	6	16
2018 IMC Design Installation and Inspection Principles	D337			X			X	X	X			V	6	16
2018 IMC/IFGC Significant Changes	D338			X			X	X	X			V	6	17
2018 IRC Essentials	D339			X			X						6	17
2018 IRC Performing Residential Mechanical Inspections	D340			X			X	X	X			V	6	18
2018 IRC Significant Changes	D341			X			X						6	18
Understanding Residential Swimming Pool Requirements	D345			X	⚡			X						38
Common Plumbing Plan Review and Code Violations for Plumbing and Mechanical Systems	D346			X			X	X	X			V	6	22
The Daily Functions of the Building Subcode Official	D347		X	X									6	36
Watts Up!	D348			X	⚡									39
Energy Code for UCC Subcodes 2018 IRC	D349			X	⚡			X	X					23
Pex Piping Systems and Applications	D350						X	X					6	32
Mixed Bag - Five Topics in 5 Hours, the Sequel	E291	📖			⚡									28
Basic Requirements for Electrical Installations	E300				⚡									21
Electrical Services: From Plan Review to Final Inspection	E302				⚡									22
NEC Rules on Transformers Installations and Inspection Requirements and the Basic Surge Protection	E303				⚡									29
Understanding Short Circuit, Coordination and NFPA 70E Requirements per NEC	E304				⚡									38
2017 NEC Swimming Pool Requirements - based on IAEI's Swimming Pools - NEC Article 680	E305				⚡									13

Seminar Title	Course Code	Online	Admin	Building	Electrical	Elevator	Fire Protection	Plumbing	Mechanical	Multiple Dwelling	Special Inspector	State Jurisdiction	Reciprocal with DFS	For details see page
2017 NEC Update/IAEI's Analysis of Changes	E306				⚡									14
2017 NEC Article 690, Solar Photovoltaic Systems	E307	💻			⚡									13
2017 National Electrical Code Update and Analysis of Changes and Review to Articles 500-516 (classified) Hazardous Locations and What to Look For in an Inspection	E308				⚡									12
NEC 2017 Wiring and Equipment Requirements in Floodplain Locations and Building to the Revised Flood Elevations	E309				⚡									29
2017 NEC/DCA Code Update - 2 day	E313				⚡									14
Fire Service Mains and their Appurtenances	F615	💻					X						🔥	23
Introduction to Special Hazard Fire Suppression Systems	F616	💻					X						🔥	27
NFPA 13 2016 Update	F617						X						🔥	30
NFPA 13, 13D, 13R Update (2016 Edition)	F631						X						🔥	31
A17.1-8.6, Maintenance Repair Replacement and Testing (MRRT). ASME17.6 Suspension Standard	L069					X								19
How to Use ASME A17.2 Guide for Inspection of Elevators, Escalators and Moving Walks. Inspection Methods	L071					X								25
Plastic Distribution and DWV Plumbing System Materials and Installations	P252							X						33
2018 National Standard Plumbing Code and ICC Code Change Update	P256	💻						X						19

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

FALL 2019 SEMINARS

B820

2018 IRC WALL BRACING MADE SIMPLE

Instructor: Richard Perlman

Credit: building

This seminar is designed to present the provisions of the 2018 International Residential Code sections R602.10 to R602.12 in a simple and easy to understand format. Participants will review such topics as braced wall lines, intermittent and continuous sheathing methods, simplified wall bracing, alternate braced walls, portal frames, attachment methods, and spacing criteria with clear and simple explanation of the associated text and tables. 0.5 CEU

Fri, Sept 27 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing

Wed, Nov 20 - Holiday Inn, Hasbrouck Heights

E308 ✎

2017 NATIONAL ELECTRICAL CODE UPDATE AND ANALYSIS OF CHANGES AND REVIEW TO ARTICLES 500-516 (CLASSIFIED) HAZARDOUS LOCATIONS AND WHAT TO LOOK FOR IN AN INSPECTION

Instructor: Stephen Norako

Credit: electrical

This seminar covers the administration and enforcement activities as per N.J.A.C. 5:23 Electrical Subcode (a) (1) by reviewing NEC Articles 500-516 changes and identifying key installation pitfalls common to these locations. Changes and updates to the 2017 National Electrical Code Article 500 - 516 are addressed reinforcing what to look for during an inspection. The seminar provides participants with a clear understanding of an often misunderstood and confusing subject matter and includes useful tools to use on the job. 0.5 CEU

Thurs, Oct 3 - Holiday Inn, Hasbrouck Heights

Fri, Dec 13 - Brookdale Community College,
Western Monmouth Building, Freehold

E307

2017 NEC ARTICLE 690, SOLAR PHOTOVOLTAIC SYSTEMS

Instructor: Brian Mitchell

Credit: electrical

The Solar Photovoltaic industry is evolving rapidly. This seminar provides a broad based understanding of the codes, standards, systems, inspection requirements, materials, research base, and major players in the industry. In addition, this seminar interprets and reviews the most significant elements of the National Electrical Code Article 690, related codes, standards and regulations, and safety for the inspector. Interaction with the adopted model Building and Fire Protection codes, as well as safety issues with relation to NFPA-70E are also discussed. Students will gain a well-rounded understanding of the electrical and physical requirements of a compliant installation. This 5 hour seminar is comprised of two sessions, each 2.5 hour long. Participants have to attend both 2.5 hours evening sessions in order to obtain a credit. Please see page 2 for online class instructions. 0.5 CEU

Wed, Oct 23 & Wed, Oct 30 - Online - Go To Training
Wed, Dec 11 & Wed, Dec 18 - Online - Go To Training

E305 ✎

2017 NEC SWIMMING POOL REQUIREMENTS - BASED ON IAEI'S SWIMMING POOLS - NEC ARTICLE 680

Instructor: Keith Lofland, IAEI

Credit: electrical

This seminar focuses on accurate, thorough and safe installations and inspections in and around swimming pools and similar installations. It takes a look at such topics as the requirements for GFCI protection in a wet environment, grounding and equipotential bonding, underwater lighting requirements, motors and other requirements of NEC Article 680. This seminar explains in clear, concise language the installation, design and inspection of the electrical systems involving swimming pools, spas, hydro massage bathtubs, and similar installations based on Article 680 of the National Electrical Code. 0.5 CEU

Tue, Oct 1 - Holiday Inn, Hasbrouck Heights
Tue, Dec 3 - Rutgers EcoComplex, Bordentown

E306 ✂
2017 NEC UPDATE/IAEI'S ANALYSIS OF CHANGES

Instructor: Keith Lofland, IAEI

Credit: electrical

This seminar analyzes the major changes to the NEC. Members of the nineteen NEC Code-making panels contributed to the development of the authoritative text, which covers more than 250 of the most significant changes and includes interpretations by the group that enforces the NEC. The four-color book, which the seminar is based upon, offers plenty of illustrations, photos, and text that clearly identify and explain the changes and their impact. This program assists attendees in making more accurate, thorough, and safer installations and inspections of electrical systems. 0.5 CEU

Tue, Sept 24 - Somerset Cty Emergency Services
 Training Academy, Hillsborough

Tue, Nov 26 - Cumberland Cty College Conference and
 Events Center, Vineland

E313 ✂
2017 NEC/DCA CODE UPDATE - 2 DAY

Instructor: Tom Pernal Electrical Seminars, LLC

Credit: electrical

This seminar provides participants with information about the most significant changes in the 2017 National Electrical Code. The presentation is based on the International Association of Electrical Inspectors' "Analysis of Changes". Modifications to the NEC as set forth by The State of NJ are covered as applicable. 1.0 CEU

Wed, Nov 6 & Thurs, Nov 7 - Rutgers Continuing Education
 Center at Atrium, Somerset

D332 🔥
2018 IBC ESSENTIALS

Instructor: International Code Council

Credit: building, fire protection

This seminar focuses on the basic concepts of the 2018 International Building Code (IBC). These concepts provide a basis for the correct utilization of the code. A clear understanding of the identified requirements allows the code user to apply the IBC in specific situations and helps to build an understanding of the intent of the code when asked to make a judgment on code compliance. This seminar also helps the code user to correctly locate code requirements by addressing the organization of the code and how it relates to the IBC family of International Codes. 0.5 CEU

Thurs, Sept 26 - NJ Sports & Exposition Authority,
 Environment Center, Lyndhurst

Thurs, Oct 17 - Atlantic Cape Community College,
 Rutgers Building Q, Mays Landing

D333 🔥
2018 IBC MIXED OCCUPANCIES

Instructor: International Code Council

Credit: building, fire protection

Based on the provisions of IBC Section 508, this seminar addresses special requirements applicable to buildings containing two or more occupancy classifications. The three mixed-occupancy options are presented along with examples and exercises that illustrate the proper application of the provisions. Specific topics include: occupancy classification, mixed occupancy conditions, accessory occupancies, nonseparated occupancies, separated occupancies, and multi-story conditions. 0.5 CEU

Fri, Sept 27 - NJ Sports & Exposition Authority,
 Environment Center, Lyndhurst

Thurs, Oct 10 - Fire-Rescue Station 221, Evesham

D334 🔥
2018 IBC SIGNIFICANT CHANGES

Instructor: International Code Council

Credit: building, fire protection

This seminar overviews the changes from the 2015 to the 2018 IBC. It identifies changes in organization and code requirements and the applicability of these requirements to design, plan review and inspection. 0.5 CEU

Tue, Oct 1 - Cumberland Cty College Conference and
 Events Center, Vineland

Tue, Nov 26 - Holiday Inn, Clark

Tue, Dec 10 - Brookdale Community College,
 Western Monmouth Building, Freehold

D335 🔥**2018 IMC COMBUSTION AIR AND VENTING****Instructor: International Code Council***Credit: building, fire protection, plumbing, mechanical, boiler, pressure vessel and refrigeration*

This seminar reviews and analyzes selected requirements for combustion air & venting systems. It summarizes the purpose and content of combustion air and venting systems contained in the 2018 IMC and 2018 IFGC. In addition, this seminar describes the intent and application of combustion air and venting sections within the 2018 IMC and 2018 IFGC and explains the application of combustion air and venting sections within the 2018 IMC and 2018 IFGC through inspection, plan review and enforcement. 0.5 CEU

Thurs, Nov 14 - The Inn at Lambertville Station, Lambertville
 Thurs, Dec 19 - Fire Department Station 3-2, Wildwood

D336 🔥**2018 IMC DESIGN AND PLAN REVIEW****Instructor: International Code Council***Credit: building, fire protection, plumbing, mechanical, boiler, pressure vessel and refrigeration*

This seminar reviews and analyzes selected requirements for commercial design and plan review of mechanical systems. The seminar provides participants with a thorough understanding of key areas of the 2018 International Mechanical Code (IMC) and related standards. 0.5 CEU

Tue, Oct 22 - Ukrainian American Cultural Center of NJ,
 Whippany

Wed, Nov 13 - The Inn at Lambertville Station, Lambertville

D337 🔥**2018 IMC DESIGN INSTALLATION AND INSPECTION PRINCIPLES****Instructor: International Code Council***Credit: building, fire protection, plumbing, mechanical, boiler, pressure vessel and refrigeration*

This seminar highlights key provisions of the 2018 International Mechanical Code (IMC) and provides practice in applying key requirements. It reinforces learning by supplying immediate feedback or clarification, walks participants through the content outline of the code book, and describes key sections. 0.5 CEU

Wed, Dec 11 - Brookdale Community College,
 Western Monmouth Building, Freehold

D330 🔥**2018 IMC SPECIAL TOPICS: ACCESS AND PROTECTION OF EQUIPMENT AND INSTALLATION OF SPECIFIC APPLIANCES****Instructor: IAPMO***Credit: building, fire protection, plumbing, mechanical*

This seminar identifies access requirements to get to and safely service appliances on roofs with emphasis on ladder, platform, and roof hatch requirements. Other topics include access to equipment in attics, crawlspaces and other locations along with other special requirements such as walkways, service platforms, ceiling heights, lighting and certain energy code issues to watch for. In addition, participants will walk away with a better understanding of the proper installation requirements per the 2018 IMC and other related code provisions that guide these installations. 0.5 CEU

Fri, Oct 18 - Holiday Inn, Clinton

Fri, Nov 22 - Fire-Rescue Station 221, Evesham

D338 🔥**2018 IMC/IFGC SIGNIFICANT CHANGES****Instructor: International Code Council***Credit: building, fire protection, plumbing, mechanical, boiler, pressure vessel and refrigeration*

This seminar introduces participants to the major changes from the 2015 IMC and IFGC to the 2018 IMC and IFGC. Participants will discuss the changes, reasons for the changes, and take part in the knowledge review activities. Information presented will allow participants to apply new code requirements to design, plan review, and/or inspection. 0.5 CEU

Thurs, Oct 24 - RWJ Conference Center, Hamilton

Thurs, Oct 31 - Foundation for Educational Administration,
 Monroe

D339 🔥**2018 IRC ESSENTIALS****Instructor: International Code Council***Credit: building, fire protection*

This seminar examines basic concepts of the 2018 International Residential Code (IRC). These concepts provide a basis for the correct utilization of the code. A clear understanding of the identified requirements allows the code user to apply the IRC in specific situations and helps to build an understanding of the intent of the code when asked to make a judgment on code compliance. This course also helps the code user to correctly locate code requirements. 0.5 CEU

Fri, Oct 11 - Fire-Rescue Station 221, Evesham

Fri, Nov 1 - Foundation for Educational Administration, Monroe

D340 **2018 IRC PERFORMING RESIDENTIAL MECHANICAL INSPECTIONS****Instructor: International Code Council***Credit: building, fire protection, plumbing, mechanical, boiler, pressure vessel and refrigeration*

This seminar focuses on the key changes from the 2018 International Residential Code (IRC). The details provided enhance participants' understanding of mechanical terminology, equipment, materials and methods of installation as related to residential construction. This seminar concentrates on the mechanical portion of the IRC along with the appropriate portions of the International Fuel Gas Code and the International Energy Conservation Code. It covers the minimum requirements for residential mechanical inspections. Participants will also discuss major portions of a residential plan. This seminar provides information necessary for the residential mechanical inspector to perform inspection tasks that are consistent with the requirements in the 2018 IRC. 0.5 CEU

Tue, Nov 19 - Fire-Rescue Station 221, Evesham

Tue, Dec 3 - Ukrainian American Cultural Center of NJ,
Whippany**D341** **2018 IRC SIGNIFICANT CHANGES****Instructor: International Code Council***Credit: building, fire protection*

This seminar reviews and analyzes selected significant changes from the 2015 IRC to the 2018 IRC. It familiarizes participants with many of the significant changes in the 2018 IRC and assists code users in identifying the specific code changes that have occurred, and more importantly, understanding the reason behind the change. Finally, it focuses on those code changes selected due to their frequency of application, special significance or change in application. 0.5 CEU

Wed, Oct 2 - Cumberland Cty College Conference and
Events Center, Vineland

Wed, Nov 27 - Holiday Inn, Clark

P256 **2018 NATIONAL STANDARD PLUMBING CODE AND ICC CODE CHANGE UPDATE****Instructor: Fritz Reuss***Credit: plumbing*

All code changes to the 2018 National Standard Plumbing Code as compared to the 2015 NSPC are reviewed. In addition, applicable code changes within the 2018 International Mechanical Code and International Fuel Gas Code, for which the Plumbing Code Official is responsible, are also evaluated. The reason behind the change is presented to better understand the code change. Please see page 2 for online class instructions. 0.5 CEU

Wed, Oct 30 - Camden Cty Educational Services Commission,
Clementon

Fri, Nov 22 - Holiday Inn, Hasbrouck Heights

Mon, Dec 2 - Online - Go To Training

L069**A17.1-8.6, MAINTENANCE REPAIR REPLACEMENT AND TESTING (MRRT). ASME17.6 SUSPENSION STANDARD****Instructor: NAESA***Credit: elevator*

This seminar gives students an overview of the maintenance rules and efforts of defining Maintenance Repair and Replacement (MRRT). These rules occurred in the A17.1-2000 code, detailing the Maintenance Control Program (MCP) requirement as they exist in the 2013/16 safety code. This seminar covers the general MCP requirements which fall under the A17.1 scope; category one, three and five testing; special provisions to familiarize the attendees with section 8.6 requirements in the field. In addition, a brief history of the A17.6 Suspension standard was created is covered. Participants will also discuss manufacturing and suspension designs, nomenclature, ordering, inspecting and replacement criteria. 0.5 CEU

Wed, Oct 2 - Holiday Inn, Hasbrouck Heights

Tue, Oct 15 - Rutgers EcoComplex, Bordentown

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

Tue, Sept 24 - NJ Sports & Exposition Authority,
Environment Center, Lyndhurst

Thurs, Nov 7 - Ocean Cty Fire and EMS Training Center,
Waretown

D157

ADVANCED BARRIER FREE 2019

Instructor: Jack Boekhout Consulting, LLC

Credit: administrative, building

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

Wed, Oct 16 - Rutgers EcoComplex, Bordentown

Wed, Nov 27 - Executive Inn, Fairfield

D331

BACKFLOW PREVENTION AND CROSS-CONNECTION CONTROL TRAINING FOR INSPECTORS OF PLUMBING, MECHANICAL, IRRIGATION, AND FIRE SPRINKLER SYSTEMS

Instructor: IAPMO

Credit: fire protection, plumbing

This seminar explains the theory and principles of backflow prevention and cross connection control. It discusses code requirements and state and federal regulations related to the proper selection of backflow prevention protection along with installation procedures and necessary testing and maintenance of this protection. Participants will review a wide range of methods, devices, and assemblies available for use with domestic water systems, irrigation systems, fire protection systems, and mechanical systems to provide cross connection control and backflow prevention. 0.5 CEU

Fri, Nov 8 - Rutgers Continuing Education Center at Atrium,
Somerset

D009

BARRIER FREE 2019

Instructor: Jack Boekhout Consulting, LLC

Credit: administrative, building

ONE TIME mandatory requirement for Building Inspectors. This course reviews each of the amendments to the NJ Barrier Free Subcode, including the revisions to access requirements for multi-family residences and the C.O.A.H. (now known as Low and Moderate Income Housing) requirements for townhouses. Provisions of the revised Barrier Free Subcode that provide compliance with Federal Americans with Disabilities Act regulations are also covered. Emphasis is placed on ensuring that code officials understand where their enforcement authority lies and also on showing where in Subchapter 7, IBC Chapter 11 and ICC/ANSI A117.1 standard the provisions and requirements of the Barrier Free Subcode can be found, including the Low and Moderate Income Housing rules. Please see page 2 for online class instructions. 0.5 CEU

Thurs, Oct 10 - Holiday Inn, Clark

Wed, Nov 6 - Ocean Cty Fire and EMS Training Center,
Waretown

Mon, Dec 16 - Online - Go To Training

E300

BASIC REQUIREMENTS FOR ELECTRICAL INSTALLATIONS

Instructor: Joe Bevacqua & Al Cox

Credit: electrical

This seminar provides a clear understanding of basic requirements for electrical installations. Special attention is given to the requirements for general wiring and installation, panelboards, multiwire circuits, wiring devices, branch circuit, feeder and service calculations. These often overlooked areas are critical to a safe electrical installation. 0.5 CEU

Fri, Nov 22 - Rutgers EcoComplex, Bordentown

Tue, Dec 10 - Executive Inn, Fairfield

**D329 CARBON MONOXIDE DETECTION REQUIREMENTS IN NJ****Instructor: Fire Smarts, LLC***Credit: fire protection, hotel/multiple dwelling*

This seminar provides a comprehensive review of the requirements enacted involving carbon monoxide (CO) detection. It reviews the commercial and residential building code requirements for new and existing structures and discusses the initial acceptance testing requirements contained in the standards. The NFPA standards for CO detection is also covered including NFPA 72, NFPA 720 and building code requirements. 0.5 CEU

Wed, Oct 9 - Morris Cty Public Safety Training Academy,
Parsippany

Thurs, Nov 14 - Fire Department Station 3-2, Wildwood

**D346 COMMON PLUMBING PLAN REVIEW AND CODE VIOLATIONS FOR PLUMBING AND MECHANICAL SYSTEMS****Instructor: Dan O’Gorman***Credit: building, fire protection, plumbing, mechanical, boiler, pressure vessel and refrigeration*

This seminar will cover a variety of topics, such as common code violations for barrier free, roof drains (siphonic roof drainage), HVACR systems, mechanical systems, natural gas and propane, backflow prevention applications, new building products, grease interceptors, oil interceptors and commercial kitchens. Participants can expect to receive information on the new Heating, Ventilation, Air Conditioning and Refrigeration (HVACR) Contactors License for residential and commercial projects. 0.5 CEU

Thurs, Nov 14 - Middlesex Cty Fire Academy, Sayreville

Thurs, Dec 5 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing

**E302 ELECTRICAL SERVICES: FROM PLAN REVIEW TO FINAL INSPECTION****Instructor: Constantinos Papademas LLC***Credit: electrical*

This seminar is designed to enhance participants’ knowledge of plan review using a checklist. It covers the NEC 2014 requirements, as well as the updated changes of the NEC 2017 for small and large services. The NEC article 230 provides the requirements to supply power to a structure. Fixing code violations after installing electrical services and equipment is often very costly. This course reviews the

requirements and the updated changes of NEC 2014 and NEC 2017 as they relate to services and service equipment. 0.5 CEU

Tue, Sept 24 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing

Thurs, Oct 24 - Ukrainian American Cultural Center of NJ,
Whippany

**D349 ENERGY CODE FOR UCC SUBCODES 2018 IRC****Instructor: Dennis Pino, Nick Fabiano, Fritz Reuss***Credit: building, electrical, plumbing, mechanical*

This seminar is a definitive breakdown of R-5 single-family energy code elements in the 2018 IRC. It is designed to promote positive change and provide a complete overview of energy efficiency elements with a detailed focus on assigned subcode responsibilities for both plan review and inspection. From permit application to certificate issuance, this seminar busts the myths, challenges misconceptions and provides facts. Included are permit and construction plan elements, compliance documentation, energy codes, code change, and an overview of the rehabilitation subcode energy elements. 0.5 CEU

Fri, Oct 4 - Brookdale Community College, Western
Monmouth Building, Freehold

Fri, Dec 6 - Rutgers EcoComplex, Bordentown

**F615 FIRE SERVICE MAINS AND THEIR APPURTENANCES****Instructor: Fire Smarts, LLC***Credit: fire protection*

NFPA 24 Standard for the Installation of Private Fire Service Mains and their Appurtenances contains the latest requirements and information regarding the installation of underground water supply piping for fire protection systems. This seminar examines the requirements for the components used in these systems along with the installation requirements. Students will discuss the scope and purpose of the standard; locate and identify the requirements for private fire service main components including hydrants and underground piping; discuss acceptance test requirements. Please see page 2 for online class instructions. 0.5 CEU

Fri, Nov 8 - Online - Go To Training

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

The purpose of this seminar is to provide the considerations for installing, inspecting, and maintaining fire dampers, smoke dampers, and combination fire/smoke dampers and ceiling dampers in HVAC systems in new and existing buildings. Also, the relevant building code requirements in the context of effective operation for property protection, life safety requirements, and building design and performance are covered. 0.5 CEU

Tue, Oct 8 - Fire-Rescue Station 221, Evesham

Tue, Dec 17 - Morris Cty Public Safety Training Academy,
Parsippany**A722****FIVE STAR LEADERSHIP 2 - COMMUNICATION BREAKDOWN****Instructor: Richard Perlman***Credit: administrative*

This seminar is designed to help Code professionals communicate effectively and listen with comprehension. Participants will learn communication techniques to successfully deal with design professionals, contractors, business owners, homeowners and staff. Participants will gain an understanding of how to communicate the complex subject matters of the Uniform Construction Code, the I-Codes and standards in a simple and easy to understand manner. They will learn to present ideas and data with clarity, credibility, conviction, and inspiration to avoid a breakdown in communication. 0.5 CEU

Wed, Oct 9 - Fire-Rescue Station 221, Evesham

Wed, Dec 18 - Clarion, Toms River

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

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

as well as proper installation and bracing of trusses in floors and roofs. 0.5 CEU

Tue, Oct 1 - Brookdale Community College,

Western Monmouth Building, Freehold

Fri, Nov 15 - The Inn at Lambertville Station, Lambertville

L071**HOW TO USE ASME A17.2 GUIDE FOR INSPECTION OF ELEVATORS, ESCALATORS AND MOVING WALKS. INSPECTION METHODS.****Instructor: NAESA***Credit: elevator*

This seminar presents key components of the ASME A17.2 guide. Topics include format, function and layout of the book, a comprehensive review of the eleven parts of the guide, overview of the eight appendices, and links to ASME A17.1. Additional topics to be discussed include a review of the Quality Elevator Inspector code (QEI-1), an overview of the types of inspections (acceptance, periodic tests, periodic inspections and accident investigation), and the inspection process. A review of Authority Having Jurisdiction (AHJ) expectations, reporting, and writing citations are reviewed using practice scenarios. 0.5 CEU

Thurs, Oct 3 - Brookdale Community College,

Western Monmouth Building, Freehold

Wed, Oct 16 - Atlantic Cape Community College,

Rutgers Building Q, Mays Landing

D285**HVAC DUCT SYSTEM 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, Sept 25 - Atlantic Cape Community College,

Rutgers Building Q, Mays Landing

Tue, Nov 26 - Executive Inn, Fairfield

B525**INSPECTION OF METAL PLATE-CONNECTED WOOD TRUSSES AND A COMPONENT MANUFACTURING PLANT TOUR****Instructor: Structural Building Components Association***Credit: building*

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

Fri, Oct 11 - Woodhaven Lumber, Lakewood

B823**INSTALLATION AND INSPECTION ISSUES WITH STRUCTURAL FASTENERS, CONCRETE ANCHORS, AND COLD FORM STEEL CONNECTORS****Instructor: Simpson Strong-Tie***Credit: building*

This seminar includes visual and hands on instruction on the proper selection and installation of cold form steel, concrete anchors, and structural fasteners. With the increase of multi-family and multi-use construction, the use of these products has increased dramatically. Participants can expect to learn what the proper method of installation is for these important components of a safe and efficient structure. 0.5 CEU

Tue, Oct 15 - Holiday Inn, Clinton

Wed, Nov 20 - Rutgers EcoComplex, Bordentown

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

This seminar covers fire alarm system basics based on NFPA 72 National Fire Alarm and Signaling Code. An overview of fire alarm system components is provided starting with the fire alarm control panel and power supplies. Fire alarm initiating devices are discussed including smoke detectors, duct detectors, heat detectors, pull stations, tamper switches and water-flow switches. Fire alarm notification devices such

as horns and strobes are also discussed along with a review of the fundamental requirements that apply to most fire alarm systems. The basics of fire alarm system design and items required for plan review are also covered. 0.5 CEU

Wed, Nov 13 - Middlesex Cty Fire Academy, Sayreville

Thurs, Nov 21 - Rutgers EcoComplex, Bordentown

Thurs, Dec 12 - Executive Inn, Fairfield

F616**INTRODUCTION TO SPECIAL HAZARD FIRE SUPPRESSION SYSTEMS****Instructor: Fire Smarts, LLC***Credit: fire protection*

This seminar introduces participants to water and non-water based fire suppression systems, which are used as an option to standard sprinkler systems or where sprinkler systems are ineffective with the hazard. These systems include water-mist (NFPA 750), clean agents (NFPA 2001), high expansion foam (NFPA 11), and CO2 (NFPA 12). Participants will receive an overview of how the systems work, the appropriate hazards, basic design criteria, and the advantages and disadvantages for each type of system. Please see page 2 for online class instructions. 0.5 CEU

Mon, Oct 28 - Online - Go To Training

D287**INTRODUCTION TO SPRINKLER SYSTEMS****Instructor: Fire Smarts, LLC***Credit: fire protection, hotel/multiple dwelling*

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

Wed, Oct 2 - Brookdale Community College,

Western Monmouth Building, Freehold

Wed, Oct 30 - Holiday Inn, Budd Lake

E291 ✈️ 📄**MIXED BAG - FIVE TOPICS IN 5 HOURS, THE SEQUEL****Instructor: Tom Pernal Electrical Seminars, LLC***Credit: electrical*

This seminar is a compilation of five topics useful for the purposes of installation, plan-review and inspection of a variety of occupancies. The topics to be discussed include feeder load calculations, parallel conductor installations, existing electrical installations and wiring for 1 & 2 family, requirements for appliances, and installation, substitution and inspection of LV cabling types. Please see page 2 for online class instructions. 0.5 CEU

Wed, Oct 9 - Holiday Inn, Clark

Fri, Oct 25 - Fire Department Station 3-2, Wildwood

Fri, Dec 13 - Online - Go To Training

D224**NATURAL GAS, LPG GAS PIPING SYSTEMS PLUS STAND-BY GENERATORS****Instructor: Fritz Reuss***Credit: plumbing, mechanical*

Code and manufacturers requirements for installation and sizing of natural gas and LPG gas delivery systems are analyzed and discussed for new projects and renovations. Actual plan review and inspection areas are focused upon; including the latest issues and concerns relative to these gas delivery systems to include stand-by generator compliance issues, CSST and bonding. 2U-18-code changes relative to the seminar are also emphasized and discussed. 0.5 CEU

Thurs, Nov 7 - Bergen Cty Law and Public Safety Institute,
Mahwah

Wed, Dec 18 - Fire Department Station 3-2, Wildwood

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

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

Tue, Oct 8 - Holiday Inn, Clark

Fri, Nov 8 - Ocean Cty Fire and EMS Training Center,
Waretown**E309** ✈️**NEC 2017 WIRING AND EQUIPMENT REQUIREMENTS IN FLOODPLAIN LOCATIONS AND BUILDING TO THE REVISED FLOOD ELEVATIONS****Instructor: Stephen Norako***Credit: electrical*

Severe flooding along coastal, river and lake regions have brought about floodplain changes that affect building construction in New Jersey. Participants will learn the requirements which affect new structures including subsequent work and substantial repair or improvement of existing structures that are not historic structures. The seminar also covers the different flood hazard categories and their requirements for materials, electrical wiring and electrical equipment, flood proofing, utilities, building access and miscellaneous construction. The goal of the seminar is to assist the electrical inspectors with providing guidance to building owners with the requirements for repair and construction. 0.5 CEU

Fri, Oct 4 - Cumberland Cty College Conference and
Events Center, VinelandThurs, Dec 12 - Ocean Cty Fire and EMS Training
Center, Waretown**E303** ✈️**NEC RULES ON TRANSFORMERS INSTALLATIONS AND INSPECTION REQUIREMENTS AND THE BASIC SURGE PROTECTION****Instructor: Constantinos Papademas LLC***Credit: electrical*

This seminar discusses the use of transformers in electrical distribution systems. It covers the installation, protection (primary and secondary), and grounding of transformers with a specific emphasis on answering common questions and explaining specific articles and tables in NEC Article 450. The topic of separately derived systems and the effect on transformer design and installation is also addressed. In addition, participants will review general requirements, installation requirements, and connection requirements for Surge Protection Devices (SPDs) on electrical distribution systems. The basics of surge protection theory is presented to give the student an increased understanding of applying proper surge protection on the electrical distribution system. 0.5 CEU

Tue, Nov 12 - The Inn at Lambertville Station, Lambertville

Tue, Dec 10 - Ocean Cty Fire and EMS Training Center,
Waretown

D198 🔒**NEW FIREPROOFING IN IBC 2018****Instructor: Sinisi Associates LLC***Credit: building, fire protection, special inspector (spray-applied fireproofing)*

This seminar provides updates on inspection requirements, special inspections, “how to inspect” instruction and responsibilities for fireproofing in the new codes. This seminar is valuable for all sub code officials, construction inspectors and fire professionals, as well as architects and engineers involved in life safety performance of buildings and safe firefighting techniques. This interactive seminar provides the opportunity to review job photos and discuss several case studies of work done in New Jersey. 0.5 CEU

Tue, Oct 8 - Morris Cty Public Safety Training Academy,
Parsippany

Tue, Nov 12 - Fire Department Station 3-2, Wildwood

D305 🔒**NEW FIRESTOPPING IN IBC 2018****Instructor: Sinisi Associates LLC***Credit: building, fire protection*

This seminar provides updates on inspection requirements, special inspections, “how to inspect” instruction and responsibilities for firestopping in the new codes. This seminar is valuable for all sub code officials, construction inspectors and fire professionals, as well as architects and engineers involved in life safety performance of buildings and safe firefighting techniques. This interactive seminar provides the opportunity to review job photos and discuss several case studies of work done in New Jersey. 0.5 CEU

Tue, Dec 3 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing

Fri, Dec 13 - Executive Inn, Fairfield

F617 🔒**NFPA 13 2016 UPDATE****Instructor: Fire Smarts, LLC***Credit: fire protection*

This seminar provides a review of the significant changes that were incorporated into the 2016 edition of NFPA 13 Standard for the Installation of Sprinkler Systems. This seminar also explores some of the proposed revisions that were rejected by the technical committees, as rejected proposals often provide insight for understanding the technical committees’ intent for the requirements found in the standard. 0.5 CEU

Fri, Oct 25 - RWJ Conference Center, Hamilton

F631 🔒**NFPA 13, 13D, 13R UPDATE (2016 EDITION)****Instructor: Dave Kurasz, NJ Fire Sprinkler Advisory Board***Credit: fire protection*

The new 2016 residential standards, NFPA 13R and NFPA 130, provides clarifications of existing requirements, as well as introduce new ones, such as bringing language regarding architectural features in NFPA 130 from the Annex to the body of the standard. Other key changes include language dealing with the replacement of residential sprinklers listed for design densities less than 0.05 gpm/ft²; reinstalling dry sprinklers; sprinklers outside of dwelling units; sprinkler-protected glass; and drains for trapped sections of pipe. This seminar reviews these and other highlights of the residential updates from 2013 to 2016 editions. 0.5 CEU

Fri, Nov 15 - Middlesex Cty Fire Academy, Sayreville

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

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

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

Tue, Nov 12 - Middlesex Cty Fire Academy, Sayreville

D326 

PERMIT AND INSPECTIONS

Instructor: Joe Bevacqua & Al Cox

Credit: administrative, electrical

This seminar provides a clear understanding of inspection & construction permit requirements as referenced in NJAC 5:23 (The Uniform Construction Code). Participants will examine construction permit application procedures, the required forms, prior approvals, local zoning requirements, site diagrams, electrical permit & specifications. This seminar reviews exempt work by license contractors and class III structure classifications. 0.5 CEU

Wed, Oct 16 - Holiday Inn, Clinton

Fri, Dec 6 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing

D350 

PEX PIPING SYSTEMS AND APPLICATIONS

Instructor: Viega, LLC

Credit: fire protection, plumbing

PEX piping systems are ubiquitous in the plumbing, mechanical, and fire protection sectors. This seminar provides information on the differences between various PEX systems and fitting compatibility, PEX tubing manufacturing methods, PEX tubing standards, PEX temperature & pressure ratings, PEX joining methods, PEX fitting materials, PEX applications for plumbing, mechanical, fire protection, and radiant/hydronic installations. Installation best practices and how to inspect PEX systems to identify code compliance and system compatibility is also reviewed, as well as PERT and multi-layer PEX piping systems. 0.5 CEU

Tue, Dec 17 - Fire Department Station 3-2, Wildwood

Thurs, Dec 19 - Morris Cty Public Safety Training Academy,
Parsippany

D327 

PLAN REVIEW USING THE 2018 IBC

Instructor: Jack Boekhout Consulting, LLC

Credit: building, fire protection

A building inspector's job encompasses a variety of duties, including plan review, inspection and working with the public. One of the most important parts of the job is plan review. This seminar incorporates elements of plan review, as well as provides suggestions and charts to improve the plan review process. Additional code compliance explanations regarding changes in the 2018 IBC height and computations, grade plane, etc. are covered. A plan review checklist is provided. 0.5 CEU

Thurs, Sept 26 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing

Wed, Oct 23 - Ukrainian American Cultural Center of NJ,
Whippany

D328  

PLAN REVIEW USING THE 2018 IRC

Instructor: Jack Boekhout Consulting, LLC

Credit: building, fire protection

A building inspector's job encompasses a variety of duties, including plan review, inspection and working with the public. One of the most important parts of that job is plan review. This seminar incorporates elements of plan review, as well as provides suggestions and charts to improve the plan review process. Additional code compliance explanations regarding foundations, framing, volume computations, grade plane etc. are covered. A plan review checklist is provided. Please see page 2 for online class instructions. 0.5 CEU

Wed, Nov 13 - Fire Department Station 3-2, Wildwood

Mon, Nov 18 - Online - Go To Training

Thurs, Dec 12 - Brookdale Community College,
Western Monmouth Building, Freehold

P252

PLASTIC DISTRIBUTION AND DWV PLUMBING SYSTEM MATERIALS AND INSTALLATIONS

Instructor: International Code Council

Credit: plumbing

This seminar provides an overview of the modern plastic materials and methods used in building applications, including water distribution and drain, waste and vent piping. Special attention is given to PPFA documents, including the Apprentice Training Manual. Green and sustainable building applications are also discussed. 0.5 CEU

Thurs, Oct 10 - Morris Cty Public Safety Training Academy,
Parsippany

Thurs, Dec 5 - Rutgers EcoComplex, Bordentown

A712 **PREMANUFACTURED CONSTRUCTION - TODAY'S BUILDING TECHNOLOGY****Instructor: Richard Osworth***Credit: administrative*

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

Wed, Sept 25 - Somerset Cty Emergency Services
Training Academy, Hillsborough

Wed, Oct 23 - RWJ Conference Center, Hamilton

A726 **PRIOR APPROVALS - A REFRESHER COURSE****Instructor: Valerie Waricka***Credit: administrative*

The purpose of this seminar is to define the responsibilities and duties in the prior approval review process. Prior approvals are discussed in detail, as well as how each component comes together when issuing a permit. Actual examples of documents are used to explain their role in the permit process and to ensure better understanding of information. 0.5 CEU

Wed, Sept 25 - NJ Sports & Exposition Authority,
Environment Center, Lyndhurst

Wed, Nov 27 - Cumberland Cty College Conference and
Events Center, Vineland

A587 **STATUTORY DUTIES OF THE SUBCODE AND CONSTRUCTION OFFICIAL****Instructor: James Foran***Credit: administrative*

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

Fri, Oct 4 - Holiday Inn, Hasbrouck Heights

Wed, Oct 30 - Foundation for Educational Administration,
Monroe

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

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

Thurs, Oct 17 - Holiday Inn, Clinton

Wed, Dec 4 - Rutgers EcoComplex, Bordentown

A606 **THE ANNUAL PERMIT****Instructor: Richard Osworth***Credit: administrative*

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

Thurs, Oct 24 - Fire Department Station 3-2, Wildwood

Wed, Nov 6 - Bergen Cty Law and Public Safety Institute,
Mahwah

A724 **THE CODE OFFICIAL PLAYBOOK****Instructor: Dennis Pino, Nick Fabiano, Fritz Reuss***Credit: administrative*

This seminar is a play-by-play overview of agency operations and procedures. It expounds upon the many roles and responsibilities of Construction Officials, Subcode Officials and Technical Assistants. From ordinary maintenance to new construction; this seminar busts the myths, challenges misconceptions and provides the facts in a positive-proactive manner. Featuring the “counter of doom,” where participants will analyze NJUCC regulations in action and take part in critical decision making and verification activities specifically produced to highlight UCC compliance; including rehabilitation subcode elements. 0.5 CEU

Fri, Nov 1 - Holiday Inn, Budd Lake

Fri, Nov 15 - Fire Department Station 3-2, Wildwood

D347 **THE DAILY FUNCTIONS OF THE BUILDING SUBCODE OFFICIAL****Instructor: Richard Perlman***Credit: administrative, building*

The role and functions of the Building Subcode official is one of the most complex and wide-ranging in the construction code compliance process. It encompasses such diverse areas as plan review, inspections, air balance reports, res checks and soil bearing reports. The Building Subcode official must help homeowners, conduct special inspections, understand mechanical requirements and energy compliance, generate permit fees, and train inspectors. This seminar focuses on practical applications and procedures that lead to daily success. 0.5 CEU

Wed, Oct 23 - Fire Department Station 3-2, Wildwood

Wed, Dec 4 - Ukrainian American Cultural Center of NJ,
Whippany**D185** **THE HOTEL/MULTIPLE DWELLING CODE AND UFC RETROFIT PROVISIONS****Instructor: John Daniels***Credit: building, fire protection, hotel/multiple dwelling*

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

Tue, Oct 22 - Fire Department Station 3-2, Wildwood

Wed, Dec 11 - Executive Inn, Fairfield

D310 **THE NJ REHABILITATION SUBCODE - ADVANCED ANALYSIS****Instructor: James Foran***Credit: administrative, building, fire protection*

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

Wed, Nov 20 - Fire-Rescue Station 221, Evesham

Thurs, Dec 5 - Ukrainian American Cultural Center of NJ,
Whippany**D174** **THE RELATIONSHIPS OF THE ENFORCING REGULATIONS****Instructor: John Daniels***Credit: administrative, fire protection, hotel/multiple dwelling*

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

Thurs, Oct 31 - Holiday Inn, Budd Lake

Tue, Nov 19 - Rutgers EcoComplex, Bordentown

A725 **THE UCC CHALLENGE. 2019 EDITION****Instructor: Dennis Pino, Nick Fabiano, Patrick Reardon***Credit: administrative*

This high-paced interactive seminar is developed for all disciplines and all agency staff. Participants will discuss numerous real-life UCC scenarios from ordinary maintenance to reconstruction projects. From construction permit requirements to certificate issuance; a positive proactive seminar featuring the “counter of doom” where we challenge the misconceptions, bust the myths and provide the facts with the intention to promote uniform compliance amongst our agencies. 0.5 CEU

Fri, Oct 11 - Holiday Inn, Clark

Fri, Dec 13 - Ocean Cty Fire and EMS Training Center,
Waretown

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 2018 IBC. Topics include the statement of suspensions, the various types of special inspections, identification of when these inspections are necessary, the independent 3rd party inspection agency/inspectors, and the submission of reports and closing documents to the code official. Discussions will include the requirements relating to both new and rehabilitation projects. 0.5 CEU

Thurs, Sept 26 - Somerset Cty Emergency Services Training Academy, Hillsborough

Fri, Oct 18 - Rutgers EcoComplex, Bordentown

D345 ✂

UNDERSTANDING RESIDENTIAL SWIMMING POOL REQUIREMENTS

Instructor: Northeast Spa & Pool Association

Credit: building, electrical, plumbing

This seminar provides the participants with an overview of the code requirements for aboveground, inground, portable spas and permanent hot tubs. The International Code Council in collaboration with the Association of Pool and Spa Professionals developed International Swimming Pool and Spa Code (ISPSA). This seminar covers the 2018 edition of the ISPSA with focus on areas that are either new or changed from previous codes. Key elements in code review are barrier requirements, entrapment prevention, and electrical grounding & bonding. 0.5 CEU

Thurs, Nov 21 - Fire-Rescue Station 221, Evesham

Wed, Dec 18 - Morris Cty Public Safety Training Academy, Parsippany

E304 ✂

UNDERSTANDING SHORT CIRCUIT, COORDINATION AND NFPA 70E REQUIREMENTS PER NEC

Instructor: Constantinos Papademas LLC

Credit: electrical

Safety is the key to every electrical installation. This seminar provides participants with an understanding of the title terms; when and where the requirements of these terms apply during plan review and inspections. An introduction to NFPA 70E is also covered to define its importance and the requirements within. 0.5 CEU

Thurs, Oct 3 - Cumberland Cty College Conference and Events Center, Vineland

Fri, Nov 8 - Bergen Cty Law and Public Safety Institute, Mahwah

A727 🔥

VIOLATION NOTICES - THE ENFORCEMENT PROCESS

Instructor: Valerie Waricka

Credit: administrative

Attendees will gain an understanding of the various violation notices and the proper way to process them. Participants will also discuss specific situations and different ways to handle them using the UCC to gain compliance. 0.5 CEU

Fri, Oct 25 - Ukrainian American Cultural Center of NJ, Whippany

Wed, Dec 4 - Atlantic Cape Community College, Rutgers Building Q, Mays Landing

D348 ✂

WATTS UP!

Instructor: Dennis Pino, Nick Fabiano, Don Clare

Credit: building, electrical

From plan-review of concrete encased electrodes to the final electrical inspection checking energy efficient lamp counts, this seminar bridges the transitional gaps between the NEC 2017, IRC 2018 and Uniform Construction Code. A comprehensive breakdown of UCC assigned Electrical and Building Subcode responsibilities for plan review and inspection of one and two family dwellings is presented. Existing codes, code changes and commentary are reviewed in a positive and interactive manner, including: rehabilitation subcode amendments, minor work and ordinary maintenance elements. 0.5 CEU

Fri, Sept 27 - Somerset Cty Emergency Services Training Academy, Hillsborough

Thurs, Oct 31 - Camden Cty Educational Services Commission, Clementon

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

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

Tue, Oct 15 - Atlantic Cape Community College,
Rutgers Building Q, Mays Landing

Fri, Dec 6 - Ukrainian American Cultural Center of NJ,
Whippany

B824**WORKING WITH ENGINEERED WOOD****Instructor: Trust Joist***Credit: building*

This interactive seminar explains the do's and don'ts of working with engineered lumber. Participants can expect to learn about product identification, installation details, installation issues, damaged product protocol, substitutions, and methods of lumber grading. 0.5 CEU

Tue, Dec 17 - Clarion, Toms River

FACILITIES INFORMATION

For your convenience seminars are offered throughout the state. Contact information of the facilities is provided below. For detailed directions to the seminars please visit www.cgs.rutgers.edu/codeenforcement or <http://tiny.cc/dca-directions>

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

BORDENTOWN: RUTGERS ECOCOMPLEX

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

BUDD LAKE: HOLIDAY INN

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

CLARK: HOLIDAY INN

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

CLEMENTON: CAMDEN COUNTY EDUCATIONAL SERVICES COMMISSION

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

CLINTON: HOLIDAY INN EXPRESS

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

EVESHAM: FIRE-RESCUE STATION 221

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

FAIRFIELD: BEST WESTERN PLUS EXECUTIVE INN

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

FREEHOLD: BROOKDALE COMMUNITY COLLEGE WESTERN MONMOUTH BUILDING

3680 Highway 9 South, Freehold, NJ 07728
(732)780-0020 • www.brookdalecc.edu

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>

LAKESWOOD: 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

MONROE: FOUNDATION FOR EDUCATIONAL ADMINISTRATION

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

PARSIPPANY: MORRIS COUNTY PUBLIC SAFETY TRAINING ACADEMY

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

SAYREVILLE: MIDDLESEX COUNTY FIRE ACADEMY

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

SOMERSET: RUTGERS CONTINUING EDUCATION CENTER AT ATRIUM

300 Atrium Drive, Atrium Corporate Park, Somerset NJ 08873
(732) 921-8294 • <http://tiny.cc/atrium>

TOMS RIVER: CLARION

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

VINELAND: CUMBERLAND COUNTY COLLEGE, CONFERENCE AND EVENTS CENTER

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

WARETOWN: OCEAN COUNTY FIRE AND EMS TRAINING CENTER

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

WHIPPANY: UKRAINIAN AMERICAN CULTURAL CENTER OF NEW JERSEY

60C North Jefferson Road, Whippany 07981
(973)585-7175 • www.uaccnj.org

WILDWOOD: WILDWOOD FIRE DEPARTMENT STATION 3-2

111 East Pine Avenue, Wildwood, NJ 08260
(609)846-2061 • www.wildwoodnj.org

