

CENTER FOR
GOVERNMENT SERVICES

Continuing Education Seminars

*for Construction and Multiple Dwelling Code
Enforcement Officials, Technical Assistants, and
Design Professionals* || FALL 2010 SCHEDULE



RUTGERS
Continuing Studies

CONTINUING EDUCATION SEMINARS

The Center for Government Services (CGS) at Rutgers University assists the Bureau of Code Services 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.

REGISTRATION INFORMATION

If your code enforcement license expires on January 31, 2011, please keep in mind that the fall semester runs from September through January, and you must complete your continuing education requirements during this time period. All continuing education requirements must be met within the regularly scheduled program.

Registration Dates: Registration for uniform construction code/hotel and multiple dwelling officials and inspectors is open upon receipt of this brochure.

Seminar Limits: Unless your license expires on January 31, 2011, 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.

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 municipality and Uniform Construction Code/Hotel Multiple Dwelling (UCC)/HMD position (for working officials and inspectors)
- 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 educationunit@dca.state.nj.us. Acknowledgement of receipt will be sent via e-mail. If you register via e-mail and there is space available, you will be registered for the seminar whether you are a working or non-working official.

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. When registering, be sure to use the D number. 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 . In order to receive reciprocal credit, you must provide a picture ID and your current contractor's license at sign in.

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.

Special Inspector Certifications: Certified special inspectors may register for and complete any technical seminar listed in this brochure; however, please note that continuing education

requirements and offerings are still under development. Specific seminars meeting the continuing education requirements for special inspectors are limited only to SS01 "Structural Welding Testing and Inspection", SS02 "Structural Welding Testing and Inspection, Part 2" and SC01 "2009 IBC Inspection of Soils, Footings, Foundations, and Concrete Slabs." SS01 and SS02 are acceptable only for structural welding and structural steel bolting special inspectors. SC01 is acceptable for all concrete/masonry special inspectors. Therefore, any other seminars completed at this time may not necessarily count toward meeting your certification renewal requirements. If your special inspector certification is coming up for renewal, you may submit other continuing education seminars for the licensing office to review.

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. When you cancel, this seat becomes available to someone who is waiting. Failure to inform us of your cancellation may result in future registrations being restricted.

Digital/Electronic Devices: The use of pagers, cell phones, and computers is disruptive in seminars. Please turn off these devices while in the classroom, **unless you are using the computer for classwork.**

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.

Directions: For directions to the seminars, please visit <http://cgs.rutgers.edu/code-enforcement> or www.nj.gov/dca/divisions/codes/offices/licensing_cont_ed.html.

FALL 2010 SEMINARS

ADMINISTRATIVE SEMINARS

Administrative seminars can be taken for housing code official license renewal.

A442 

STATUTORY DUTIES OF THE CONSTRUCTION OFFICIAL REVIEW

Instructor: James Foran

This seminar is to help you become more familiar with the duties and powers of the CO position. There will be discussion of the limits of the statutory powers of the CO. The purpose of the course is to reacquaint or introduce individuals to the UCC regulations relating to the CO's duties. The value of the course will be promulgation of a uniform interpretation and application of these regulations.

Fri, Sep 17 - Cape May Fire Academy, Cape May

Tues, Nov 23 - Hilton Garden Inn, Hamilton

Tues, Dec 14 - Executive Inn, Fairfield

D009/A139 

BARRIER FREE SUBCODE

Instructor: Jack Boekhout

ONE TIME mandatory requirement for Building Inspectors

This course reviews each of the amendments to Subchapter 7, including the revisions to access requirements for multi-family residences and the use of the most recent technical standard for technical design. Emphasis is placed on ensuring that code officials understand where their enforcement authority lies and on showing where in Subchapter 7 and the ICC/ANSI A117.1 standard the provisions and requirements of the Barrier Free Subcode can be found. **Participants have the option of receiving building subcode (B214) duplicate credit for completion of this seminar.** 0.5 CEU

Wed, Sep 29 - Holiday Inn, Hasbrouck Heights

Fri, Nov 19 - Holiday Inn, Manahawkin

Fri, Dec 3 - Crowne Plaza, Somerset

D100/A187 

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 of receiving building subcode (B495) duplicate credit for completion of this seminar.** 0.5 CEU

Thurs, Sep 30 - Atlantic City Community College, Atlantic City

Thurs, Oct 14 - Holiday Inn, Springfield

Thurs, Dec 9 - Hampton Inn, Woodbridge

A310 

PERMITSNJ

Instructor: Drake Rizzo, NJDCA

PermitsNJ is the DCA's new Internet-based Construction Permit Management System. This seminar is designed for working construction officials and technical assistants. It covers how to use PermitsNJ to process permit applications, track and manage plan review, schedule and record inspection results, and issue certificates. Participants will learn how to log on to PermitsNJ through the MyNewJersey portal and access the EDocument Library for Construction Code Communicators, DCA Bulletins, UCC Standard Forms, and FTOs. PermitsNJ allows the user to customize the system's settings for the municipality and effectively manage documentation throughout the construction permit lifecycle. 0.5 CEU

Thurs, Nov 4 - Rutgers Center for Government Services,
New Brunswick

A371 

SUCCEEDING AT THE BOARD OF APPEALS

Instructor: Gary Lewis

Code officials and inspectors spend countless hours conducting plan review and inspecting premises for fire and life safety, structural integrity, and safe, accessible and sanitary environments. Property owners' rights under our code are protected through a process known as the construction board of appeals. Many officials rarely or never have to appear before such a board, but all must be prepared for the inevitable...not just to appear, but to be successful. This interactive course will de-mystify the process and prepare officials and inspectors for a board hearing in such a manner as to increase the likelihood of success!

Fri, Sep 24 - Holiday Inn, East Windsor

Fri, Dec 3 - Holiday Inn, Hasbrouck Heights

A386 🔥

UCC UPDATE AND COMMON MISCONCEPTIONS

Instructor: Gerald Grayce

This seminar focuses on changes to the UCC to familiarize code officials and technical assistants with the current UCC regulations as well as recent code proposals and adoptions. Its objective is to provide enforcing agency staff with the most current regulations to aid in the proper and effective enforcement of the UCC. Topics such as recent changes to the conflict of interest regulations and the Permit Extension Act will be reviewed. 0.5 CEU

Fri, Oct 8 - Crowne Plaza, Somerset

Fri, Nov 5 - Wilshire Grand Hotel, West Orange

Wed, Dec 15 - Holiday Inn, Cherry Hill

A410 🔥

TOOLS OF THE UCC II

Instructor: Gerald Grayce

Achieving compliance with UCC regulations is evidenced by creating a paperwork trail. This seminar covers the various UCC forms needed to document compliance and create that trail. The proper procedures and methods needed to resolve violations are also discussed. Additional topics include the proper issuance of Notices of Violations and Penalties and other required forms, methods of achieving compliance for unresolved violations and penalties, utilization of the Penalty Enforcement Act, applications to Superior Court, and administrative search warrants. 0.5 CEU

Thurs, Sep 16 - Holiday Inn, Parsippany

Wed, Sep 29 - Rutgers EcoComplex, Bordentown

Thurs, Dec 16 - Quality Inn, Toms River

A419 🔥

FACILITATING ENFORCEMENT OF THE UCC CHAPTER 2 USING SUPPLEMENTAL FORMS AND PROCEDURES

Instructors: Brenda Sirkis and Randolph Bannerman

This seminar is designed to increase the efficiency and effectiveness of the UCC enforcement process by utilizing supplemental forms and procedures developed by township code enforcement personnel. These innovative procedures have proven successful and are now in use at many township offices. This seminar is designed as an administrative transfer course to spread these developments to other townships and to identify innovations and efficiencies developed by other

townships. Construction officials and technical assistants with all levels of experience will benefit from the opportunity to network and share ideas. Discussions are from specific Code Sections of Chapter 2 of the UCC. 0.5 CEU

Tues, Oct 12 - Holiday Inn, Springfield

Tues, Nov 9 - Mount Laurel Fire Department, Mount Laurel

A420 🔥

TESTIFYING AT TRIAL AND ADMINISTRATIVE PROCEDURES

Instructor: Derek Reed, Levy, Ehrlich & Petriello, PC

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 at this course will give you the tools to properly present and prosecute your case against an owner and to effectively deal with the owner's attorney and the legal process. Many times state and municipal officials are at a disadvantage in dealing with attorneys who are well versed in relevant state and municipal law. This course will provide you with a set of practical skills that you can use to avoid the pitfalls and mistakes made in presenting the state's case in court. You will also learn how to close loopholes and give persuasive and effective testimony at trial. 0.5 CEU

Wed, Sep 8 - Crowne Plaza, Clark

Wed, Oct 27 - Quality Inn, Toms River

Wed, Nov 17 - Holiday Inn, Manahawkin

A421 🔥

WHAT'S IN YOUR REPORT?

Instructors: Linda Aiello, Lynn Mizer

This seminar updates the Technical Assistant (TA) on pertinent changes affecting their job responsibilities and promotes the uniformity of the New Jersey Uniform Construction Code. In addition, it helps reduce inconsistencies from department to department by clarifying specific issues from the Department of Community Affairs and the regulations. The seminar also covers the purpose of monthly reports, use groups, work types, housing units, census codes, quarterly reports, annual reports, and fee schedules. 0.5 CEU

Fri, Sep 10 - Northeast Spa and Pool Association, Hamilton
 Fri, Oct 22 - Holiday Inn, Clinton
 Tues, Dec 14 - Holiday Inn, Cherry Hill

A422 🔥

ADMINISTRATION AND ENFORCEMENT PROCESS OF THE UCC

Instructors: Lynn Mizer and Valerie Waricka

Participants will thoroughly examine the administration and enforcement of the UCC. Emphasis is placed on specific code sections that all construction offices deal with on a daily basis. Topics include intent of the code, certificates, ordinary maintenance, minor work, installation of equipment, variations, when permits are required, and compliance. The emphasis on the regulations will be to ensure public safety, health, and welfare as they are affected by building construction. Participants will learn the requirements for the administration and enforcement of the Uniform Construction Code. 0.5 CEU

Tues, Sep 21 - Executive Inn, Fairfield
 Wed, Oct 6 - Crowne Plaza, Somerset
 Thurs, Dec 16 - Lambertville Inn, Lambertville

A423 🔥

STATUTORY DUTIES OF THE SUBCODE OFFICIAL REVIEW

Instructor: James Foran

This course is a refresher for licensed subcode officials (SCOs). It reacquaints or introduces individuals to the UCC regulations relating to the SCO's duties. The course promulgates a uniform interpretation and application of these regulations. Attendees will learn the intent of the duty, other regulations and/or code sections that have impact or relate, other officials or players who are affected, the resources available, if any, for proper implementation, the limit of the SCO's power regarding the duty, and the potential consequences for failure to perform. 0.5 CEU

Wed, Sep 15 - Lambertville Inn, Lambertville
 Thurs, Oct 28 - Hampton Inn, Denville
 Thurs, Dec 2 - Hilton Doubletree, Tinton Falls

AW08 🔥

ONLINE SEMINAR: UNDERSTANDING LAND USE PERMITTING

Instructor: Lisa Auermuller

The New Jersey Department of Environmental Protection's (NJDEP) Land Use Permitting process can be confusing, challenging, and frustrating. The regulations are often hard to

understand and the application process is daunting. Municipal staff members have the responsibility of understanding and enforcing these regulations. This online course provides background information on the resources protected by land use regulations and describes how various permitting programs are structured. 0.5 CEU

This five-week online seminar is offered once. You may log on at any time of the day or evening during the five weeks you are registered. The seminar is divided into five modules, each composed of a lecture, an interactive discussion board, and an interactive quiz. Each module will take one hour to complete. A final quiz will judge the student's mastery of the subject. Students must complete all modules to receive credit. To register, call the Education Unit and have both your license number and your e-mail address available. This seminar is also available to design professionals.

Mon, Oct 18 through Fri, Nov 19 (5-week course)

TECHNICAL SEMINARS

BUILDING

D114/B512 🔥

2009 IBC SIGNIFICANT CHANGES

Instructor: James Quigley, ICC

This seminar familiarizes building officials, fire officials, plans examiners, inspectors, and design professionals with many of the significant changes from the 2006 IBC to the 2009 IBC. It assists code users in identifying the specific code changes that have occurred and helps them understand the reasons behind the changes. The seminar focuses on those code changes selected due to their frequency of application, special significance, or change in application. **Participants have the option of receiving fire subcode (F367) duplicate credit for completion of this technical seminar.** 0.5 CEU

Tues, Sep 14 - Cape May Fire Academy, Cape May
 Thurs, Oct 7 - Morris County Fire Academy, Frankford
 Tues, Nov 30 - Hilton Doubletree, Tinton Falls

D115/B513 **2009 IRC SIGNIFICANT CHANGES****Instructor: James Quigley, ICC**

This seminar reviews and analyzes selected significant changes from the 2006 IRC to the 2009 IRC. It familiarizes building officials, fire officials, plans examiners, inspectors and design professionals with many of the significant changes in the 2009 IRC. It assists code users in identifying the specific code changes that have occurred and helps them understand the reasons behind the changes. The seminar focuses on those code changes selected due to their frequency of application, special significance, or change in application.

Participants have the option of receiving fire subcode (F368) duplicate credit for completion of this technical seminar. 0.5 CEU

Wed, Sep 15 - Cape May Fire Academy, Cape May

Fri, Oct 8 - Morris County Fire Academy, Frankford

Wed, Dec 1 - Hilton Doubletree, Tinton Falls

D123/B528 **2009 IFGC DESIGN, INSTALLATION, AND INSPECTION PRINCIPLES****Instructor: James Quigley, ICC**

This seminar provides a basis for the correct use of the code in the design, plan review, inspection, and analysis of projects. It provides a clear understanding of the requirements identified by basic code provisions, tables, and categorizations. It also allows code users to apply the code in clear-cut situations and helps build their understanding of the intent of the code when asked to make code compliance decisions. Upon completion of this seminar, participants will locate general topics in the 2009 IFGC, locate applicable tables, apply code requirements to real-world situations, explain the intent behind a given code requirement, and use their judgment to identify borderline scenarios as compliant or noncompliant. This seminar covers critical concepts and updates to the 2009 code. **Participants have the option of receiving fire subcode (F380), plumbing subcode (P144), and/or mechanical subcode (M069) duplicate credit for completion of this technical seminar. 0.5 CEU**

Thurs, Sep 16 - Lambertville Inn, Lambertville

Wed, Oct 6 - Morris County Fire Academy, Frankford

Thurs, Dec 16 - Holiday Inn, Cherry Hill

D124/B529 **2009 IMC DESIGN, INSTALLATION, AND INSPECTION PRINCIPLES****Instructor: James Quigley, ICC**

The Fundamentals of the 2009 IMC is an integrated course that highlights key provisions of the code, provides practice in applying these requirements, and reinforces learning by supplying immediate feedback or clarification. Overall, the course walks participants through the content outline of the codebook, highlights and describes key sections, and provides an opportunity to practice using the code through examples and exercises. Upon completion, participants will summarize the purpose and content of each chapter, describe the intent and application of major sections within the IMC 2009 edition, and explain the application of the code to inspection, plan review, and enforcement. This seminar covers critical concepts and updates to the 2009 code. **Participants have the option of receiving fire subcode (F381), plumbing subcode (P145), and/or mechanical subcode (M070) duplicate credit for completion of this technical seminar. 0.5 CEU**

Fri, Sep 17 - Lambertville Inn, Lambertville

Tues, Oct 5 - Morris County Fire Academy, Frankford

Fri, Dec 17 - Holiday Inn, Cherry Hill

B545 **BRACE/SHEAR WALL REQUIREMENTS, HIGH WIND CONNECTION REQUIREMENTS****Instructor: Norm Hall, Simpson Strong Tie**

This seminar is a detailed review of the structural code requirements based on the NJ Version of International Residential Code, International Building Code and/or AF&PA Wood Frame Construction manual, followed by an overview of structural products developed to satisfy those products and do so at the lowest installed cost. This course covering Building sub codes is intended for building inspectors, engineers, architects, and contractors. You will leave this seminar with a complete understanding of Narrow Wall Bracing and Shear Solutions and High Wind Connection Requirements and its relevance to the latest building codes.

Fri, Sep 24 - Executive Inn, Fairfield

Fri, Nov 19 - Holiday Inn, Cherry Hill

Wed, Dec 1 - Crowne Plaza, Somerset

D131/B546  **RESIDENTIAL SPRINKLER SYSTEM INSTALLATION WORKSHOP**

Instructor: Blazemaster

This course will be presented in three modules that will total five hours. The modules are described as: Fire Sprinkler 101, history of fire sprinklers, how a fire sprinkler system works, types of fire sprinklers, sprinkler codes, associations, the design/installation basics, and manufacturers of CPVC piping systems.

There will be an introduction to the IRC P2904 prescriptive method to determine fire sprinkler pipe size, and basic review of hydraulic calculation factors presented on any fire system design. The seminar will include installation training, listings and approvals, advantages of CPVC, design parameters, health/safety, concealed vs. exposed, risers, cut/joint-solvent welding, freeze protection, and hands-on solvent welding exercise. **Participants have the option of receiving fire subcode (F395) and plumbing subcode (P151) duplicate credit for completion of this technical seminar.** 0.5 CEU

Thurs, Sep 16 - Cape May Fire Academy, Cape May
 Fri, Nov 5 - Passaic County Technical Institute, Wayne
 Wed, Nov 17 - Middlesex County Fire Academy, Sayreville

D132/B547  **STRUCTURAL WELDING TESTING AND INSPECTION PART 2**

Instructor: Alex Caploon

This seminar is a follow-up course for the D129 course intended to further train those involved in visual inspection to acquire sufficient skills to enable them to properly evaluate the quality of welded assemblies according to the requirements of AWS D1.1 Structural Welding Code – Steel. Additional theoretical information regarding the visual assessment will be provided as well as practical knowledge of the penetrant test to view the surface of the welds. It is strongly suggested that students attend both sessions. **Participants have the option of receiving special inspector credit under the steel category (SS02) for completion of this technical seminar.** 0.5 CEU

Wed, Oct 13 - Holiday Inn, Springfield
 Wed, Nov 10 - Days Hotel, East Brunswick

D009/B214  **BARRIER FREE SUBCODE ONE TIME mandatory requirement for Building Inspectors See A139**

Wed, Sep 29 - Holiday Inn, Hasbrouck Heights
 Fri, Nov 19 - Holiday Inn, Manahawkin
 Fri, Dec 3 - Crowne Plaza, Somerset

D035/B284  **PROPER INSPECTION OF FIRESTOP SYSTEMS**
Instructor: HILTI

This seminar covers fire safe building construction with firestopping as an integral part of a fire-rated floor, wall, or joint assembly. Topics include where to find firestop in building codes, firestop specifications, UL test methods, understanding UL systems and nomenclature, firestopping products on the market, firestopping applications, and firestop inspection techniques. This course equips the code official with knowledge and understanding in the process of firestopping inspection. **Participants have the option of receiving fire subcode (F237) duplicate credit for completion of this technical seminar.** 0.5 CEU

Thurs, Oct 14 - Gloucester Community College, Sewell
 Thurs, Dec 16 - Executive Inn, Fairfield

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

Thurs, Sep 23 - Holiday Inn, East Windsor
 Fri, Oct 15 - Gloucester Community College, Sewell
 Wed, Nov 17 - Ramada Inn, East Hanover

D045/B326 🔥**UNDERSTANDING AND TESTING SMOKE CONTROL SYSTEMS****Instructor: Davidson Code Concepts**

With the increase in number of high-rise buildings and the desire to use large atrium spaces in modern architectural design, the management of smoke and fire gases has become more challenging. This seminar covers when smoke control systems must be used as well as their relationship and dependence on other building systems. It also explains how modern building codes are moving from simple, ineffective air change requirements to using fire modeling and rational analysis-based design. **Participants have the option of receiving fire subcode (F259) and mechanical (M030) duplicate credit for completion of this technical seminar.** 0.5 CEU

Wed, Nov 10 - Mount Laurel Fire Department, Mount Laurel
 Fri, Dec 17 - Lambertville Inn, Lambertville

D049/B330 🔥**CHIMNEYS AND VENTS****Instructor: Julius Ballanco, JB Engineering**

With the increased use of high-efficiency gas-fired equipment, the design of the chimney or vent becomes very critical. Improper design or installation of a chimney or vent system can result in a failure within a few months to a few years. The resulting failure can leak carbon monoxide gas into the building, posing a threat to the occupants. This program reviews all of the design, sizing, and installation requirements that have been updated in the International Fuel Gas Code, the International Mechanical Code, and the International Building Code. Participants must bring a copy of the International Fuel Gas Code to the seminar. **Participants have the option of receiving fire subcode (F267) and mechanical subcode (M031) duplicate credit for completion of this technical seminar.** 0.5 CEU

Fri, Oct 1 - Rutgers EcoComplex, Bordentown
 Wed, Oct 20 - Hampton Inn, Woodbridge
 Thurs, Nov 18 - Holiday Inn, Manahawkin

B392**BUILDING DIAGNOSTICS: MOISTURE PROBLEMS AND MOLD GROWTH****Instructor: Joseph Ponessa**

This course reviews basic topics in building science. Emphasis is placed on the dynamics and control of building airflows and on moisture management principles in building, including a segment on mold and its consequences. The information is based on current research and best building practices. Construction details such as drainage planes, lashing methods, airtight drywall and airflow, and vapor diffusion retarders (and their failure modes) are included. Examples are taken from the Building America and PATH programs and other resources. 0.5 CEU

Wed, Sep 22 - Executive Inn, Fairfield
 Tues, Oct 5 - Crowne Plaza, Somerset

B438**DECKS: PLAN REVIEW AND PROBLEMS****Instructor: Jack Boekhout**

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

Fri, Oct 15 - Ocean Co. Fire & EMS Training Center, Waretown
 Tues, Oct 19 - Hampton Inn, Woodbridge
 Fri, Dec 10 - Northeast Spa and Pool Association, Hamilton

B447**GREEN BUILDINGS, SAFE AS WELL AS GREEN****Instructor: Darren Port, DCA**

This seminar will be based on residential construction and the IRC. Key issues related to commercial construction will also be included. Key principles of Green Building will include the use of integrated design, healthy and productive design, and strive for sustainability. Methods used in Green Building such as site strategies, landscaping, mechanical systems, plumbing, lighting, operations and maintenance will be addressed. Code issues and resolutions will be addressed through case studies. 0.5 CEU

Wed, Sep 15 - Holiday Inn, Parsippany
 Thurs, Oct 14 - Ocean County Fire Academy, Waretown
 Fri, Nov 5 - Rutgers Center for Government Services,
 New Brunswick

D092/B454 🔥**COMMERCIAL MECHANICAL PLAN REVIEW****Instructor: Fritz Reuss**

This seminar addresses all UCC plan review and inspection requirements for HVAC and mechanical systems. Actual plan review is conducted as well as thorough evaluations of the types of systems, air distribution methods, and code compliance checklists. **Participants have the option of receiving plumbing subcode (P125) and/or fire subcode (F331) and/or mechanical subcode (M056) duplicate credit for completion of this technical seminar. 0.5 CEU**

Thurs, Sep 9 - Crowne Plaza, Clark

Wed, Sep 22 - Holiday Inn, East Windsor

Wed, Dec 1 - Ramada Inn, Vineland

D103/B488**UNDERSTANDING NJ RESIDENTIAL SWIMMING POOLS & HOT TUB CODE REQUIREMENTS****Instructor: Paulette Pitrak, Northeast Spa & Pool Association**

This seminar is an overview of the New Jersey International Residential Code-Appendix G requirements for above-ground, in-ground, portable spas, and permanent hot tubs. The structural design, types of construction, and products or methods that meet the construction and safety requirements are discussed. All referenced standards will be distributed. Topics include the Suction Entrapment/Prevention Provisions in the Plumbing Subcode. The course includes discussion of specific methods and products to illustrate how each device prevents entrapment hazards. The new federal Pool and Spa Safety Act is reviewed and its affect on inspections for drain or suction outlets covers for residential pools and spas will be discussed. **Participants have the option of receiving plumbing subcode (P137) duplicate credit for completion of this technical seminar. 0.5 CEU**

Thurs, Sep 9 - Northeast Spa and Pool Association, Hamilton

Thurs, Dec 9 - Northeast Spa and Pool Association, Hamilton

D104/B489 🔥**RESIDENTIAL FIRE SUPPRESSION SYSTEMS****Instructor: 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 fire subcode (F353) and multiple dwelling (H024) duplicate credit for completion of this technical seminar. 0.5 CEU**

Wed, Sep 8 - Northeast Spa and Pool Association, Hamilton

Thurs, Dec 9 - Holiday Inn, Clinton

Fri, Dec 17 - Executive Inn, Fairfield

B493**ADVANCED BARRIER-FREE SUBCODE****Instructor: Jack Boekhout**

In this seminar, students will be made aware of some of the fine points of barrier-free compliance. The seminar provides the opportunity to experience the problems associated with the operation of a wheelchair and crutches. The student will experience first hand changes in level and maneuvering problems, and compare them to the code text. All students are expected to participate in the wheelchair workshop(s). 0.5 CEU

Wed, Oct 6 - Ft. Monmouth Officers' Club, Ft. Monmouth

D100/B495 🔥**REHABILITATION SUBCODE****See A187**

Thurs, Sep 30 - Atlantic City Community College, Atlantic City

Thurs, Oct 14 - Holiday Inn, Springfield

Thurs, Dec 9 - Hampton Inn, Woodbridge

D116/B514 🔥**2006 IFC FIRE PROTECTION SYSTEMS****Instructor: James Quigley, ICC**

Provides basic knowledge of the fire protection systems code requirements as contained in the 2006 IFC and IBC. Addresses the IFC requirements relating to fire-protection systems, including the most common types of automatic sprinkler systems, alternative automatic extinguishing systems and standpipe systems. Provides an overview of the types of fire alarm and detection systems and smoke control systems is provided. Discusses additional means to assist or enhance the fixed fire protection systems, such as portable fire extinguishers. Participants have the option of receiving fire subcode (F369) duplicate credit for completion of this technical seminar. 0.5CEU

Thurs, Dec 2 - Ramada Inn, Vineland
 Wed, Dec 15 - Quality Inn, Toms River

D117/B515 🔥
2009 IRC PERFORMING RESIDENTIAL MECHANICAL INSPECTIONS

Instructor: James Quigley, ICC

This seminar explains the tasks a residential mechanical inspector performs to verify that a residential dwelling complies with the IRC. The participant will define basic terms related to mechanical inspection, describe the mechanical inspection process in a step-by-step fashion, explain concepts of requirements, determine if a given residential dwelling complies with the 2009 IRC, and complete inspection checklists. **Participants have the option of receiving fire subcode (F370), plumbing subcode (P141), and mechanical subcode (M066) duplicate credit for completion of this technical seminar.** 0.5 CEU

Tues, Nov 16 - Holiday Inn, Cherry Hill
 Thurs, Nov 18 - Ramada Inn, East Hanover
 Tues, Dec 7 - Hampton Inn, Woodbridge

B520
MASONRY FOR BUILDING OFFICIALS
Instructor: International Masonry Institute

This program addresses masonry construction requirements based on the International Building Codes (IBC) and International Residential Codes (IRC). Main topics include brick veneer construction, flashing and moisture penetration resistance, wall tie requirements, grouting and reinforcement, workmanship, and tolerances. Attendees will participate in hands-on demonstrations with construction mockups. Because this is a hands-on seminar, please dress accordingly with long pants and closed-toe shoes. 0.5 CEU

Wed, Nov 3 - Int'l Masonry Institute, Bordentown
 Wed, Nov 17 - Int'l Masonry Institute, Fairfield

B521
THE NEW JERSEY ENERGY CONSERVATION SUBCODE FOR BUILDING INSPECTORS

Instructor: James Foran

This seminar presents the Energy Conservation Subcode material to inspectors in a thorough and efficient manner. It reinforces Building Inspectors' knowledge in all aspects of the New Jersey Energy Conservation Subcode as related to

their plan review and field inspection responsibilities. Upon completion of the seminar, participants will have a firm grasp of the terminology, concepts, and methodologies needed to perform reviews for code compliance of plans, specifications, and other materials submitted by applicants. 0.5 CEU

Fri, Oct 29 - Hampton Inn, Denville
 Fri, Dec 10 - Hampton Inn, Woodbridge

D129/B522
STRUCTURAL WELDING TESTING AND INSPECTION PART 1

Instructor: Alex Caploon

This seminar is intended to train those involved in visual inspection to acquire sufficient skills to enable them to properly evaluate the quality of welded assemblies according to the requirements of AWS D1.1 Structural Welding Code – Steel. The acceptance criteria are clearly explained. This enables inspectors to avoid disagreement over whether a weldment is satisfactory and in accordance with the code requirements. This course is heavily based in the theory of such inspections. A follow-up course D132 provides additional information and practical aspects of the inspection process. It is strongly suggested that students attend both sessions. **Participants have the option of receiving special inspector credit under the steel category (SS01) for completion of this technical seminar.** 0.5 CEU

Tues, Sep 21 - Holiday Inn, East Windsor

B523
RESIDENTIAL PLAN REVIEW CHECKLIST USING 2009 IRC
Instructor: Jack Boekhout

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. In this seminar, information is provided to incorporate elements of plan review, along with additional hints and charts to improve the plan review process. Explanations for necessary code compliance are included for such things as foundations, framing, volume computations, and grade plane. A plan review checklist is provided. 0.5 CEU

Tues, Oct 5 - Ft. Monmouth Officers' Club, Ft. Monmouth
 Wed, Dec 8 - Hampton Inn, Denville

B524 IRC/IBC STUCCO INSTALLATION REQUIREMENTS AND CODE CHANGES

Instructor: Northeast Inspection Corporation

Dramatic changes in the requirements for the application of hard-coat stucco occurred with the transition from the 2003 IRC to the 2006 IRC. The two ASTM Standards, ASTM C-1063 and ASTM C-926, were incorporated in their entirety into the 2006 code. This seminar includes nearly all of the major segments of the standards. It is explained that both of these standards are also in the IBC and the impact for inspectors/code officials is almost the same for both codes. The seminar covers the integration of water resistive barriers and fenestrations, as this is a highly common area for failure of the building. Products that have ICC Evaluation Service Reports are discussed, as well as how code officials can deal with them. The Power Point presentation will include 2009 changes, but differentiates them so it is clear that they are not in use until the adoption of the 2009 code. The seminar covers some of the newest industry products that have not been addressed by the codes and standards, but that may be seen in the field. 0.5 CEU

Thurs, Sep 30 - Rutgers EcoComplex, Bordentown

Fri, Oct 1 - Atlantic City Community College, Atlantic City

Thurs, Dec 2 - Holiday Inn, Hasbrouck Heights

B525 INSPECTION OF METAL PLATE-CONNECTED WOOD TRUSSES AND A COMPONENT MANUFACTURING PLANT TOUR

Instructor: Structural Building Components Association

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

There are two components at different locations for this seminar: lecture and the plant tour. Please be advised that you will be responsible for transportation between the lecture site and the tour site, and attendance at both parts of the course is necessary to receive full 0.5 CEU credit.

Tues, Sep 21 - Lecture: Sussex Cty Fire Academy, Newton
Plant Tour: Timplex Corporation, Newton

Fri, Sep 24 - Lecture & Plant Tour: Woodhaven Lumber,
Lakewood

D122/B527 2009 IBC SOLVING MEANS OF EGRESS ISSUES IN COMMERCIAL BUILDINGS

Instructor: James Quigley, ICC

This seminar provides participants with an understanding of the International Building Code (IBC) as it relates to the Means of Egress. Plans for a four-story commercial building are provided to allow participants to practice problem solving related to each egress issue. Participants completing this course will better be able to identify seven fundamental means of egress design issues, calculate the occupant load, determine the required number of exits, evaluate the adequacy of a horizontal exit, and more. **Participants have the option of receiving fire subcode (F379) credit for the completion of this seminar.** 0.5 CEU

Fri, Dec 3 - Ramada Inn, Vineland

Tues, Dec 14 - Quality Inn, Toms River

D125/B530 MIXED USE APPLICATIONS AND UNLIMITED AREA BUILDINGS IBC 2009

Instructor: Merchut & Merchut

This seminar covers the differences between the various mixed-use building code options of the 2009 IBC, including the benefits and consequences of each application. Participants will gain an understanding of how to evaluate and apply the mixed-use requirements when performing a plan review. **Participants have the option of receiving fire subcode (F382) duplicate credit for completion of this technical seminar.** 0.5 CEU

Tues, Oct 19 - Holiday Inn, Clinton

Thurs, Oct 21 - Wildwood Convention Center, Wildwood

D126/B531 **BUILDING CODE PLAN REVIEW CONCEPTS****Instructor: James Schifiliti, Fire Safety Consultants**

This seminar covers three areas within the IBC. First, attendees will be taught the Use Group Classifications and how to identify them, along with Mixed Use Groups and fire walls. The seminar then covers types of construction and IBC Table 601 and 602 allowable construction, as well as examples of construction types. Lastly, it covers fire walls, fire barriers, and fire partitions, what they are, and how they are identified.

Participants have the option of receiving fire subcode (F383) duplicate credit for completion of this technical seminar. 0.5 CEU

Wed, Oct 20 - Wildwood Convention Center, Wildwood

D130/B532**2009 IBC INSPECTIONS OF SOILS, FOOTINGS, FOUNDATIONS, AND CONCRETE SLABS****Instructor: International Code Council**

This seminar provides an introduction to the inspection of soils, footings, foundations, and concrete slabs for compliance with the 2009 IBC. Key points are addressed for each type of inspection, as well as the overall process. **Participants have the option of receiving special inspector credit under the concrete category (SC01) for completion of this technical seminar. 0.5 CEU**

Wed, Nov 17 - Holiday Inn, Cherry Hill

Fri, Nov 19 - Ramada Inn, East Hanover

Wed, Dec 8 - Hampton Inn, Woodbridge

D128/B533 **RESIDENTIAL SPRINKLER SYSTEM DESIGN, LAYOUT AND INSPECTION TECHNIQUES****Instructor: JB Engineering**

This seminar provides a complete overview of residential sprinkler requirements. Design requirements are addressed, including the basics for layout of the system. Hydraulic calculations are covered using the simplified method in P2904. Alternative hydraulic calculations are also covered. Inspection techniques provide inspectors with a quick method for inspecting one- and two-family dwelling sprinkler systems. This program provides the code enforcement community with the necessary tools to properly inspect residential sprinkler systems in one- and two-family dwellings and townhouses.

Participants have the option of receiving fire subcode (F387) and/or plumbing subcode (P147) duplicate credit for completion of this technical seminar. 0.5 CEU

Thurs, Sep 30 - Holiday Inn, Hasbrouck Heights

Tues, Oct 19 - Wildwood Convention Center, Wildwood

Fri, Nov 19 - Middlesex County Fire Academy, Sayreville

ELECTRIC

Approval for reciprocal credit with the Board of Electrical Contractors is pending for those seminars without the lightning bolt.

D070/E112  **FIRE ALARM SYSTEMS: WIRING METHODS, ACCEPTANCE INSPECTION, AND TESTING****Instructor: Davidson Code Concepts**

This seminar provides students with an understanding of both the electrical and fire subcode provisions that govern these installations, as well as the importance of thoroughly enforcing both subcodes to ensure proper installation. Both the NEC and NFPA 72 provisions are reviewed in conjunction with slide examples and testing methods. Proper documentation of inspections and acceptance testing are highlighted.

Participants have the option of receiving fire subcode (F299) duplicate credit for completion of this technical seminar. 0.5 CEU

Tues, Nov 16 - Middlesex County Fire Academy, Sayreville

Wed, Dec 15 - Lambertville Inn, Lambertville

E130 **WHAT'S NEW WITH PHOTOVOLTAIC SYSTEMS****Instructor: Ken Gauharou**

This seminar is intended as a review of Article 690 of the 2008 National Electrical Code requirements that are necessary for the Electrical Inspector. It addresses the articles and sections of the 2008 National Electrical Code that are required, in addition to that of Article 690 and how to perform the inspections and plan review of photovoltaic systems. In addition to reviewing the code requirements, there will be demonstrations of material for solar photovoltaic systems with reference to the applicable code. Inspectors will be provided with a more in-depth understanding of these systems. A 2008 National Electrical Code will be required. 0.5 CEU

Wed, Oct 13 - Ocean County Fire Academy, Waretown

Wed, Nov 3 - Wilshire Grand Hotel, West Orange

Wed, Nov 24 - Hilton Garden Inn, Hamilton

E132

2008 NEC CHANGES (2-day seminar)

Instructor: James Stallcup, Grayboy

This seminar is a Power Point presentation of clear, helpful illustrations that present vital information to inspectors and other industry professionals and provide a sound technical foundation for applying the code. The seminar assists licensed construction code enforcement officials in meeting their education requirements and allows them to apply the knowledge immediately, if necessary, to actual work situations. 1.0 CEU for 2 days

Tues, Oct 12 and Wed, Oct 13 - Gloucester Community College, Sewell

Tues, Dec 7 and Wed, Dec 8 - Holiday Inn, Clinton

D107/E135

WIRING METHODS, ACCEPTANCE INSPECTION, AND TESTING FOR FIRE PUMPS, EMERGENCY, AND STANDBY SYSTEMS

Instructor: Davidson Code Concepts

This seminar provides students with an understanding of the building, electrical, and fire subcode provisions governing these installations, and reinforces that thorough enforcement of both subcodes is necessary to ensure that the systems function as intended. Both the NEC and IBC provisions are reviewed in conjunction with slide examples and testing methods. Proper documentation of inspections and acceptance testing will be highlighted. **Participants have the option of receiving fire subcode (F356) duplicate credit for completion of this technical seminar.** 0.5 CEU

Tues, Sep 28 - Holiday Inn, Hasbrouck Heights

Tues, Oct 26 - Quality Inn, Toms River

E137

ANALYSIS OF ELECTRICAL DISTRIBUTION SYSTEMS FOR MAXIMUM PERSONNEL SAFETY (2-day seminar)

Instructors: Al Cox/Joe Bevacqua, MTC Educational Services

This seminar examines, in depth, a typical "One Line Diagram" from the incoming service to the branch circuits, evaluating the withstand rating of all system components. A comparison is

made of the over current protective devices used in fully and series rated systems. The code requirements for coordination of elevator circuits and emergency systems are examined in the example. The seminar includes a review of the new arc flash requirements per NFPA -70E, as applicable to personal safety. 1.0 CEU

Tues, Sep 28 and Wed, Sep 29 - Atlantic City Community College, Atlantic City

Tues, Nov 30 and Wed, Dec 1 - Holiday Inn, Hasbrouck Heights

E138

LOW-VOLTAGE SYSTEM WIRING ANALYSIS AND VOLTAGE DROP CALCULATIONS

Instructors: Joe Bevacqua/Stephen Norako

This course provides the requirements for Low-Voltage System Wiring (Remote-Control, Signaling and Class 1, Class 2, Class Power-Limited Circuits) and the need to take into account Voltage Drop with the calculations required to do so. Specific attention is given to areas that are often overlooked but are critical to a safe electrical installation. The criteria for evaluating low voltage system designs, what to look for in field inspections and, voltage concerns with calculations methods will be taught. 0.5 CEU

Tues, Nov 16 - Ramada Inn, East Hanover

Fri, Dec 17 - Quality Inn, Toms River

E139

CONDUCTOR CALCULATIONS BASED ON VARIOUS CONDITIONS OF USE

Instructor: Tom Pernal Electrical Seminars, LLC

This seminar provides inspectors with the knowledge to perform plan review and inspection under a variety of conductor conditions of use. Calculations are a large part of this presentation. Scenarios depicting installations with multiple conditions of use make this seminar interesting, challenging, and informative. This seminar enables plan reviewers and inspectors to verify code compliance at both the plan review and field inspection stages. 0.5 CEU

Thurs, Oct 7 - Ft. Monmouth Officers' Club, Ft. Monmouth

Thurs, Nov 4 - Wilshire Grand Hotel, West Orange

E140 LOW VOLTAGE COMMUNICATION SYSTEM INSTALLATIONS

Instructor: Tom Pernal Electrical Seminars, LLC

This seminar provides inspectors with the knowledge to perform plan review and inspection of Low-Voltage Communication Systems. NEC® Chapter 8 is the main source of content for this seminar. Other topics include integrated building systems, structured cabling, and fiber optic theory/installation. Attendees will learn that the proper installation of these systems is not only a safety concern, but can also dramatically affect system performance. 0.5 CEU

Thurs, Dec 2 - Crowne Plaza, Somerset

E141 NEC COMPLIANCE FOR PHOTOVOLTAIC SYSTEMS Instructor: Interstate Renewable Energy Council

This seminar presents standardized guidelines for applying the National Electrical Code (NEC) to photovoltaic (solar electric) system installations. The guidelines provide a common set of information requirements needed to demonstrate satisfaction of electrical and building code standards. The guidelines may also reduce the time, cost, and uncertainty of local safety review. The workshop is designed for those who wish to stay informed of the latest code compliance issues that help facilitate safe and long-lasting installations. 0.5 CEU

Fri, Sep 10 - Crowne Plaza, Clark

Tues, Nov 30 - Ramada Inn, Vineland

ELEVATOR

D118/L034 FIREFIGHTER'S EMERGENCY OPERATIONS Instructor: John O'Donoghue

This presentation prepares the inspector for the changes to the ASME A17.1/CSA B44 Safety Code for New Elevators. It focuses on the Firefighter Emergency Operations, section 2.27.1 thru 2.27.9. New Jersey presently enforces the 2004 edition of this code, and this program highlights the changes that will be in effect when the adoption of the 2007 edition takes place. **Participants have the option of receiving hotel multiple dwelling (H023) duplicate credit for completion of the technical seminar.** 0.5 CEU

Wed, Nov 3 - Rutgers Center for Government Services,
New Brunswick

L037 ELEVATOR AND ESCALATOR INSPECTION AND TESTING ACCEPTANCE AND PERIODIC Instructor: Coaker & Co., P.C.

Students will be actively involved in a comprehensive dissection of inspection requirements (acceptance based on ASME A 17.1 Section 8.10; periodic on Section 8.11) for traction elevators, hydraulic elevators, escalators, and moving walks. Understanding the rationale for requirements will be emphasized, accompanied by appropriate reference to the ASME A 17.2 – 2004 Guide for Inspection of Elevators, Escalators, and Moving Walks. 0.5 CEU

Wed, Dec 8 - Northeast Spa and Pool Association, Hamilton

L038 A REVIEW OF ASME A18.1 – 2003 Instructor: NAESA International

This course addresses the differences between commercial and residential installations that fall under the scope of ASME A 18.1 2003. Running clearances, safety devices, entrance heights, and other requirements are reviewed and discussed, with a focus on comparison of these items for the various vertical platform lift installations. ADA requirements from ICC/ANSI A117.1 – 2003 are discussed in relation to commercial units. 0.5 CEU

Tues, Nov 9 - Days Hotel, East Brunswick

FIRE

Fire Protection Inspectors who also hold a Multiple Dwelling Inspector license may use any ONE of the following seminars per three-year license cycle for renewal of their multiple dwelling license.

F348 MODULE 7 - SPRINKLER PLAN REVIEW (2-day seminar) Instructor: Chubb Services Corp.

This two-day program provides classroom instruction and hands-on activities. This seminar will include: Evaluating and Selecting Standards, Reading Drawings and Identifying Components, Essentials of Sprinkler Selection, System Design Approaches, Detail Design Influences, Water Supplies, Hydraulic Calculations Part 1, Hydraulic Calculations Part 2, and it will be a hands on workshop. The seminar is based on

NFPA 13, 2002 edition. Students should bring NFPA 13 to the seminar and a calculator. 1.0 CEU

Tues, Nov 16 and Wed, Nov 17 - Chubb Services Corp.,
Warren

F399  

**MODULE 1 - WET PIPE SPRINKLER AUTOMATIC
SPRINKLER SYSTEMS**

Instructor: Chubb Services Corp.

This seminar is a mix of classroom and live demonstrations and reviews the various water supplies for the protection systems including suction, pressure, and gravity tanks, fire pumps, etc. The seminar overviews the various components of automatic sprinkler systems, and the wet pipe sprinkler system. "Hands on" activities include water supply testing, analyzing of test results, fire protection control valve inspection, and live fires with sprinkler activation. 0.5 CEU

Fri, Oct 1 - Chubb Services Corp., Warren

D035/F237 

PROPER INSPECTION OF FIRESTOP SYSTEMS

See B284

Thurs, Oct 14 - Gloucester Community College, Sewell
Thurs, Dec 16 - Executive Inn, Fairfield

D045/F259 

**UNDERSTANDING AND TESTING SMOKE
CONTROL SYSTEMS**

See B326/M030

Wed, Nov 10 - Mount Laurel Fire Department, Mount Laurel
Fri, Dec 17 - Lambertville Inn, Lambertville

D049/F267 

CHIMNEYS AND VENTS

See M031/B330

Fri, Oct 1 - Rutgers EcoComplex, Bordentown
Wed, Oct 20 - Hampton Inn, Woodbridge
Thurs, Nov 18 - Holiday Inn, Manahawkin

D070/F299  

**FIRE ALARM SYSTEMS: WIRING METHODS,
ACCEPTANCE INSPECTION, AND TESTING**

See E112

Tues, Nov 16 - Middlesex County Fire Academy, Sayreville
Wed, Dec 15 - Lambertville Inn, Lambertville

D092/F331 

COMMERCIAL MECHANICAL PLAN REVIEW

See B454/P125/M056

Thurs, Sep 9 - Crowne Plaza, Clark
Wed, Sep 22 - Holiday Inn, East Windsor
Wed, Dec 1 - Ramada Inn, Vineland

D104/F353 

RESIDENTIAL FIRE SUPPRESSION SYSTEMS

See B489/H024

Wed, Sep 8 - Northeast Spa and Pool Association, Hamilton
Thurs, Dec 9 - Holiday Inn, Clinton
Fri, Dec 17 - Executive Inn, Fairfield

D107/F356  

**WIRING METHODS, ACCEPTANCE INSPECTION,
AND TESTING FOR FIRE PUMPS, EMERGENCY, AND
STANDBY SYSTEMS**

See E135

Tues, Sep 28 - Holiday Inn, Hasbrouck Heights
Tues, Oct 26 - Quality Inn, Toms River

D114/F367 

2009 IBC SIGNIFICANT CHANGES

See B512

Tues, Sep 14 - Cape May Fire Academy, Cape May
Thurs, Oct 7 - Morris County Fire Academy, Frankford
Tues, Nov 30 - Hilton Doubletree, Tinton Falls

D115/F368 

2009 IRC SIGNIFICANT CHANGES

See B513

Wed, Sep 15 - Cape May Fire Academy, Cape May
Fri, Oct 8 - Morris County Fire Academy, Frankford
Wed, Dec 1 - Hilton Doubletree, Tinton Falls

D116/F369 

2006 IFC FIRE PROTECTION SYSTEMS

See B514

Thurs, Dec 2 - Ramada Inn, Vineland
Wed, Dec 15 - Quality Inn, Toms River

D117/F370 🔥
2009 IRC PERFORMING RESIDENTIAL MECHANICAL INSPECTIONS
 See B515/P141/M066

Tues, Nov 16 - Holiday Inn, Cherry Hill
 Thurs, Nov 18 - Ramada Inn, East Hanover
 Tues, Dec 7 - Hampton Inn, Woodbridge

D122/F379 🔥
2009 IBC SOLVING MEANS OF EGRESS ISSUES IN COMMERCIAL BUILDINGS
 See B527

Fri, Dec 3 - Ramada Inn, Vineland
 Tues, Dec 14 - Quality Inn, Toms River

D123/F380 🔥
2009 IFGC DESIGN, INSTALLATION, AND INSPECTION PRINCIPLES
 See B528/P144/M069

Thurs, Sep 16 - Lambertville Inn, Lambertville
 Wed, Oct 6 - Morris County Fire Academy, Frankford
 Thurs, Dec 16 - Holiday Inn, Cherry Hill

D124/F381 🔥
2009 IMC DESIGN, INSTALLATION, AND INSPECTION PRINCIPLES
 See B529/P145/M070

Fri, Sep 17 - Lambertville Inn, Lambertville
 Tues, Oct 5 - Morris County Fire Academy, Frankford
 Fri, Dec 17 - Holiday Inn, Cherry Hill

D125/F382 🔥
MIXED USE APPLICATIONS AND UNLIMITED AREA BUILDINGS: IBC 2006
 See B530

Tues, Oct 19 - Holiday Inn, Clinton
 Thurs, Oct 21 - Wildwood Convention Center, Wildwood

D126/F383 🔥
BUILDING CODE PLAN REVIEW CONCEPTS
 See B531

Wed, Oct 20 - Wildwood Convention Center, Wildwood

D127/F384 🔥
PLAN REVIEW OF FIRE PUMPS, STANDPIPE SYSTEMS, & UNDERGROUND WATER MAIN SYSTEMS
 Instructor: James Schifiliti

This seminar covers the basic plan review, inspection, and system testing requirements for fire pumps, standpipe systems, and underground water mains. Topics include; fire pump selection, calculating fire pump sizes, standpipe locations, standpipe calculations, and underground water main type sizes, flushing and hydrostatic testing. **Participants have the option of receiving plumbing subcode (P146) duplicate credit for completion of the technical seminar. 0.5 CEU**

Thurs, Oct 21 - Holiday Inn, Clinton

D128/F387 🔥
RESIDENTIAL SPRINKLER SYSTEMS DESIGN, LAYOUT AND INSPECTION TECHNIQUES
 See B533/P147

Thurs, Sep 30 - Holiday Inn, Hasbrouck Heights
 Tues, Oct 19 - Wildwood Convention Center, Wildwood
 Fri, Nov 19 - Middlesex County Fire Academy, Sayreville

D131/F395 🔥
RESIDENTIAL SPRINKLER SYSTEM INSTALLATION WORKSHOP
 See B546

Thurs, Sep 16 - Cape May Fire Academy, Cape May
 Fri, Nov 5 - Passaic County Technical Institute, Wayne
 Wed, Nov 17 - Middlesex County Fire Academy, Sayreville

MECHANICAL

D045/M030 🔥
UNDERSTANDING AND TESTING SMOKE CONTROL SYSTEMS
 See B326/F259

Wed, Nov 10 - Mount Laurel Fire Department, Mount Laurel
 Fri, Dec 17 - Lambertville Inn, Lambertville

D049/M031 🔥
CHIMNEYS AND VENTS
 See B330/F267

Fri, Oct 1 - Rutgers EcoComplex, Bordentown
 Wed, Oct 20 - Hampton Inn, Woodbridge
 Thurs, Nov 18 - Holiday Inn, Manahawkin

D092/M056 🔥**COMMERCIAL MECHANICAL PLAN REVIEW**See **B454/P125/F331**

Thurs, Sep 9 - Crowne Plaza, Clark

Wed, Sep 22 - Holiday Inn, East Windsor

Wed, Dec 1 - Ramada Inn, Vineland

D102/M060**PLASTIC PIPING SYSTEMS AND GREEN PLUMBING SYSTEMS/PRODUCTS**Instructor: **Fritz Reuss**See **P136**

Tues, Sep 14 - Holiday Inn, Parsippany

Thurs, Oct 7 - Crowne Plaza, Somerset

Tues, Nov 16 - Holiday Inn, Manahawkin

D117/M066 🔥**2009 IRC PERFORMING RESIDENTIAL MECHANICAL INSPECTIONS**See **B515/F370/P141**

Tues, Nov 16 - Holiday Inn, Cherry Hill

Thurs, Nov 18 - Ramada Inn, East Hanover

Tues, Dec 7 - Hampton Inn, Woodbridge

D123/M069 🔥**2009 IFGC DESIGN, INSTALLATION, AND INSPECTION PRINCIPLES**See **B528/P144/F380**

Thurs, Sep 16 - Lambertville Inn, Lambertville

Wed, Oct 6 - Morris County Fire Academy, Frankford

Thurs, Dec 16 - Holiday Inn, Cherry Hill

D124/M070 🔥**2009 IMC DESIGN, INSTALLATION, AND INSPECTION PRINCIPLES**See **B529/F381/P145**

Fri, Sep 17 - Lambertville Inn, Lambertville

Tues, Oct 5 - Morris County Fire Academy, Frankford

Fri, Dec 17 - Holiday Inn, Cherry Hill

PLUMBING**P126****PLUMBING BARRIER FREE AND REHAB CODE REQ'S**Instructor: **Fritz Reuss**

All plumbing barrier free requirements will be reviewed and discussed relative to new and retrofit projects with a direct focus

on the UCC responsibility matrix to ensure accurate plan review analysis as well as overall Rehabilitation Subcode interaction. This seminar will strengthen and provide consistent oversight in that most every project has barrier free and rehabilitation code impact. An intense overview of specific examples and compliance scenarios will ensure the success of the seminar 0.5 CEU

Wed, Oct 20 - Holiday Inn, Clinton

Wed, Dec 15 - Executive Inn, Fairfield

P138**2009 PLUMBING CODE UPDATE WITH ICC CHANGES**Instructor: **Fritz Reuss**

In this seminar, all code changes to the 2009 National Standard Plumbing Code (NSPC) compared to the 2006 NSPC are highlighted, clarified, and discussed. Significant code changes to the 2009 International Residential, Mechanical, and Fuel Gas code sections for which the Plumbing Code Official is responsible are also discussed. 0.5 CEU

Fri, Oct 29 - Quality Inn, Toms River

Thurs, Nov 18 - Holiday Inn, Cherry Hill

Thurs, Dec 9 - Hampton Inn, Denville

D092/P125 🔥**COMMERCIAL MECHANICAL PLAN REVIEW**See **B454/F331/M056**

Thurs, Sep 9 - Crowne Plaza, Clark

Wed, Sep 22 - Holiday Inn, East Windsor

Wed, Dec 1 - Ramada Inn, Vineland

D102/P136**PLASTIC PIPING SYSTEMS AND GREEN PLUMBING SYSTEMS/PRODUCTS**Instructor: **Fritz Reuss**

The purpose of the seminar is to review, analyze, and discuss current plumbing code requirements and manufacturers' installation requirements as they pertain to plastic piping systems and evaluate the many new "green" plumbing products and how they interrelate with the code. **Participants have the option of receiving mechanical subcode (M060) duplicate credit for completion of this technical seminar.** 0.5 CEU

Tues, Sep 14 - Holiday Inn, Parsippany

Thurs, Oct 7 - Crowne Plaza, Somerset

Tues, Nov 16 - Holiday Inn, Manahawkin

D103/P137**UNDERSTANDING NJ RESIDENTIAL SWIMMING POOLS & HOT TUB CODE REQUIREMENTS****See B488**

Thurs, Sep 9 - Northeast Spa and Pool Association, Hamilton
 Thurs, Dec 9 - Northeast Spa and Pool Association, Hamilton

D117/P141**2009 IRC PERFORMING RESIDENTIAL MECHANICAL INSPECTIONS****See B515/F370/M066**

Tues, Nov 16 - Holiday Inn, Cherry Hill
 Thurs, Nov 18 - Ramada Inn, East Hanover
 Tues, Dec 7 - Hampton Inn, Woodbridge

D123/P144**2009 IFGC DESIGN, INSTALLATION, AND INSPECTION PRINCIPLES****See B528/M069/F380**

Thurs, Sep 16 - Lambertville Inn, Lambertville
 Wed, Oct 6 - Morris County Fire Academy, Frankford
 Thurs, Dec 16 - Holiday Inn, Cherry Hill

D124/P145**2009 IMC DESIGN, INSTALLATION, AND INSPECTION PRINCIPLES****See B529/F381/M070**

Fri, Sep 17 - Lambertville Inn, Lambertville
 Tues, Oct 5 - Morris County Fire Academy, Frankford
 Fri, Dec 17 - Holiday Inn, Cherry Hill

D127/P146**PLAN REVIEW OF FIRE PUMPS, SANDPIPE SYSTEMS, AND UNDERGROUND WATER MAIN SYSTEMS****Instructor: James Schifiliti****See F384**

Thurs, Oct 21 - Holiday Inn, Clinton

D128/P147**RESIDENTIAL SPRINKLER SYSTEM DESIGN, LAYOUT AND INSPECTION TECHNIQUES****See B533/F387**

Thurs, Sep 30 - Holiday Inn, Hasbrouck Heights
 Tues, Oct 19 - Wildwood Convention Center, Wildwood
 Fri, Nov 19 - Middlesex County Fire Academy, Sayreville

D131/P151**RESIDENTIAL SPRINKLER SYSTEM INSTALLATION WORKSHOP****See B546/F395**

Thurs, Sep 16 - Cape May Fire Academy, Cape May
 Fri, Nov 5 - Passaic County Technical Institute, Wayne
 Wed, Nov 17 - Middlesex County Fire Academy, Sayreville

MULTIPLE DWELLING**H012****MAINTENANCE, OCCUPANCY AND BUILDING STANDARDS****Instructor: Vince Lupo**

The rights and major responsibilities of both owner and occupant are the subjects covered in this seminar. Topics related to the owner include a review of the four maintenance categories i.e. general, structural, interior and exterior; managerial and maintenance requirements; occupancy and building standards for natural light and ventilation; and floor and ceiling requirements for dwelling units located in basements, cellars, and attic areas. In addition, the terms and conditions that occupants must abide by such as willful acts, gross negligence and unit access, as well as your duties and responsibilities as an Inspector are included. 0.5 CEU

Fri, Oct 8 - Fort Monmouth Officers' Club, Ft. Monmouth
 Tues, Nov 30 - Crowne Plaza, Somerset
 Fri, Dec 10 - Hampton Inn, Denville

H015**GENERAL RELATIONSHIP OF THE ENFORCING REGULATIONS****Instructor: Jack Daniels**

At the completion of this seminar, students will have a good understanding about the impact of the Uniform Fire Code and Uniform Construction Code on the enforcement of the Housing Regulations. This seminar will review the sections of the various codes that require interaction with other agencies. Additional topics include fire safety standards, fire and carbon monoxide alarms, means of egress, interior finishes, and the protection of interior stairways and other vertical openings. 0.5 CEU

Tues, Sep 14 - Lambertville Inn, Lambertville
 Wed, Oct 27 - Hampton Inn, Denville
 Thurs, Nov 18 - Middlesex County Fire Academy, Sayreville

H020 🔥**THE HOUSING INSPECTION PROCESS****Instructor: Jack Daniels**

To ensure that inspections are conducted in an effective and efficient manner, a scripted process must be followed. The seminar's objective is to familiarize participants with that inspection process, from registration through notices and orders to the field inspection. The seminar provides information on how to prepare for an inspection, guidelines for completing inspection forms, conditions that impair or prevent compliance, re-inspections, and how to cooperate with other code enforcement agencies. In addition, helpful information is offered on daily inspection issues, necessary inspection tools, and inspection scheduling. 0.5 CEU

Thurs, Sep 23 - Executive Inn, Fairfield

Tues, Sep 28 - Rutgers EcoComplex, Bordentown

Thurs, Oct 28 - Quality Inn, Toms River

D118/H023 🔥**FIREFIGHTER'S EMERGENCY OPERATIONS****See L034**

Wed, Nov 3 - Rutgers Center for Government Services,
New Brunswick

D104/H024 🔥**RESIDENTIAL FIRE SUPPRESSION SYSTEMS****See B489/F353**

Wed, Sep 8 - Northeast Spa and Pool Association, Hamilton

Thurs, Dec 9 - Holiday Inn, Clinton

Fri, Dec 17 - Executive Inn, Fairfield

SPECIAL INSPECTOR**D129/SS01****STRUCTURAL WELDING TESTING AND INSPECTION,
PART 1****See B522**

Tues, Sep 21 - Holiday Inn, East Windsor

D130/SC01**2009 IBC INSPECTIONS OF SOILS, FOOTINGS,
FOUNDATIONS, AND CONCRETE SLABS****See B532**

Wed, Nov 17 - Holiday Inn, Cherry Hill

Fri, Nov 19 - Ramada Inn, East Hanover

Wed, Dec 8 - Hampton Inn, Woodbridge

D132/SS02**STRUCTURAL WELDING TESTING AND INSPECTION
PART 2****See B547**

Wed, Oct 13 - Holiday Inn, Springfield

Wed, Nov 10 - Days Hotel, East Brunswick

FACILITIES INFORMATION

For your convenience seminars are offered throughout the state. Contact information of fall 2010 facilities is provided below. For detailed directions to the seminars please visit <http://cgs.rutgers.edu/code-enforcement> or www.state.nj.us/dca/codes/education_unit/edunit.shtml

ATLANTIC CAPE COMMUNITY COLLEGE

1535 Bacharach Blvd., Atlantic City, NJ 08104

(609)343-4800 • www.atlantic.edu**BORDENTOWN INTERNATIONAL MASONRY INSTITUTE**

Joseph A. Speranza Trowel Trades Training School

3281 Route 206, Bordentown, NJ 08505

(609)291-8000 • www.imiweb.org**BORDENTOWN: RUTGERS ECOCOMPLEX**

1200 Florence-Columbus Road, Bordentown, NJ 08505

(609)499-3600 • www.ecocomplex.rutgers.edu**CAPE MAY COURT HOUSE: CAPE MAY COUNTY FIRE
ACADEMY**

175 Crest Haven Road, Cape May, NJ 08210

(609)465-2570 • www.cmcpoliceacademy.com**CHERRY HILL: HOLIDAY INN**

2175 West Marlton Pike (Route 70 East and Sayre Avenue)

Cherry Hill, NJ 08002

(856)663-5300 • www.holidaycherryhill.com**CLARK: CROWNE PLAZA**

36 Valley Road, Clark, NJ 07066

(732)574-0100

CLINTON: HOLIDAY INN EXPRESS

111 Route 173, Clinton, NJ 08809

(908)735-5111

DENVILLE: HAMPTON INN

350 Morris Avenue, Denville, NJ 07834

(973)664-1050 • www.hamptoninnrockawaynj.com

EAST BRUNSWICK: DAYS HOTEL

195 Route 18 South, East Brunswick, NJ 08816
(732)828-6900 • www.dayshotel eastbrunswick.com

EAST HANOVER: RAMADA INN

130 Route 10 West, East Hanover, NJ 07936
(973)386-5622 • www.ramadaeasthanover.com

EAST WINDSOR: HOLIDAY INN AND NATIONAL CONFERENCE CENTER

399 Monmouth Street, Hightstown, NJ 08520
(609)448-7000 • www.hieastwindsor.com

FAIRFIELD: FAIRFIELD EXECUTIVE INN

216-234 Route 46 East, Fairfield, NJ 07004
(973)575-7700 • www.bwfei.com

FAIRFIELD: INTERNATIONAL MASONRY INSTITUTE TRAINING CENTER

14 Plog Road, Fairfield, NJ 07004
(973)227-6650 • www.imiweb.org

FORT MONMOUTH OFFICERS CLUB

Gibbs Hall, Building 2000 Tinton Road, Fort Monmouth, NJ 07703
(732)532-4520 • <http://www.monmouth.army.mil/C4ISR/services/gibbshall.shtml>

GLOUCESTER COMMUNITY COLLEGE

Health Science Bldg., Room 500
1400 Tanyard Road, Sewell, NJ 08080
(856)468-5000 • www.gccnj.edu

HAMILTON: HILTON GARDEN INN

800 Route 130, Hamilton, NJ 08691
(609)585-6789 • www.hamilton.hgi.com

HASBROUCK HEIGHTS: HOLIDAY INN

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

LAKWOOD: HILTON GARDEN INN

1885 Route 70, Lakewood, NJ 08701
(732)262-5232 • www.lakewood.hgi.com

LAMBERTVILLE: THE INN AT LAMBERTVILLE STATION

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

MANAHAWKIN: HOLIDAY INN

151 Route 72 East, Manahawkin, NJ 08092
(609)481-6100 • www.himanahawkin.com

MORRIS COUNTY PUBLIC SAFETY TRAINING ACADEMY

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

MOUNT LAUREL: BIRCHFIELD FIRE DEPARTMENT HEADQUARTERS

69 Elbo Lane, Mount Laurel, NJ 08054
(856)234-6053 • www.mountlaurelfire.com

NEW BRUNSWICK: RUTGERS CGS BUILDING

303 George Street, Suite 600, New Brunswick, NJ 08901
(732)932-3640 • <http://cgs.rutgers.edu>

NORTHEAST SPA & POOL ASSOCIATION

6B South Gold Drive, Hamilton, NJ 08691
(609)689-9111 • www.nespapool.org

OCEAN COUNTY FIRE AND EMS TRAINING CENTER

200 Volunteer Way, Waretown, NJ 08758
(609)242-8450 • www.co.ocean.nj.us/TrainingCenter/trainhome.htm

PARSIPPANY: HOLIDAY INN

707 Route 46 East, Parsippany, NJ 07054
(973)262-2000 • www.parsippanyholidayinn.com

PASSAIC COUNTY TECHNICAL INSTITUTE

45 Reinhardt Road, Wayne, NJ 07470
(973)790-6000 • www.pcti.tec.nj.us

SAYREVILLE: MIDDLESEX COUNTY FIRE ACADEMY

1001 Fire Academy Drive, Sayreville, NJ 08872
(732)727-0008 • www.co.middlesex.nj.us

SPRINGFIELD: HOLIDAY INN

304 Route 22 West, Springfield, NJ 07081
(973)376-9400 • www.holidayinn.com/springfieldnj

SOMERSET: CROWNE PLAZA

110 Davidson Avenue, Somerset, NJ 08873
(732)560-0500 • www.crowneplaza.com/somersetnj

SUSSEX FIRE ACADEMY

114 Morris Turnpike, Newton, NJ 07860
(973)948-7897 • www.sussexcountymuster.com

TINTON FALLS: HILTON DOUBLETREE

700 Hope Road, Tinton Falls, NJ 07724
(732)544-9300 • www.hitintonfalls.com

TIMPLEX CORPORATION (PLANT TOUR)

1370 Route 23, Wantage, NJ 07461
(973)875-5500 • www.timplex.com

TOMS RIVER: QUALITY INN

815 Route 37 West, Toms River, NJ 08755
(732)341-2400 • www.qualityinntr.com

VINELAND: RAMADA INN

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

WARREN: CHUBB SERVICES CORPORATION, LOSS CONTROL TRAINING CENTER

15 Mountain View Road, Warren, NJ 07059
(908)903-2500 • www.chubb.com

WEST ORANGE: WILSHIRE GRAND HOTEL

350 Pleasant Valley Way, West Orange, NJ 07052
(973)731-7007 • www.thewilshiregrandhotel.com

WILDWOOD: CONVENTION CENTER

4501 Boardwalk, Wildwood, NJ 08260
(609)729-9000 • www.wildwoodsny.com/cc

WOODBIDGE: HAMPTON INN

370 Route 9 North, Woodbridge, NJ 07095
(732)855-6900 • www.hamptoninn.com

WOODHAVEN LUMBER (PLANT TOUR)

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

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