2018
BUILDING SAFETY CONFERENCE of New Jersey

Wednesday, May 2
Thursday, May 3
Friday, May 4

BALLY’S ATLANTIC CITY
Atlantic City, NJ
CONFERENCE SCHEDULE

WEDNESDAY, MAY 2

4:00PM-7:00PM       REGISTRATION
                    Conference Floor

6:00PM-8:00PM       CRACKERBARREL
                    Grand Ballroom
                    Roundtable discussions on various topics.
                    Get your questions answered by the experts.

THURSDAY, MAY 3

6:15AM-8:15AM       REGISTRATION
                    Conference Floor

6:00AM-7:45AM       BUFFET BREAKFAST
                    Traymore Ballroom
                    Conference Floor

8:00AM-11:45AM      CONTINUING EDUCATION SEMINARS

12:00PM-2:00PM      AWARDS LUNCHEON
                    Traymore Ballroom
                    Annual event to honor Inspectors of the Year and
                    Technical Assistant of the Year.

2:00PM-4:00PM       CONTINUING EDUCATION SEMINARS

4:00PM-5:00PM       ASSOCIATION MEETINGS (if scheduled)
SPOUSES’ EVENTS

WEDNESDAY, MAY 2

4:00PM-7:00PM  REGISTRATION  Conference Floor

6:00PM-8:00PM  PAINT, RELAX AND ENJOY!  Arturo’s Restaurant, Conference Floor

Paint party company Easel On Down invites you to create your own work of art while enjoying wine and good company! No experience is needed, your instructor will take you from start to finish and will provide you with all art materials necessary to paint a Mermaid Canvas Tote Bag. Mermaids are pre-stenciled for your convenience.

THURSDAY, MAY 3

6:15AM-8:15AM  REGISTRATION  Conference Floor

6:00AM-11:00AM  SPECIAL SPOUSE BREAKFAST  (voucher provided or required)  Bucca di Beppo Restaurant  Conference Floor

12:00PM-2:00PM  AWARDS LUNCHEON  Traymore Ballroom

Annual event to honor Inspectors of the Year and Technical Assistant of the Year.

7:00PM-10:00PM  AWARDS RECEPTION  Traymore Ballroom

A NIGHT IN ITALY: BUON APPETITO!

Come celebrate with the recipients of the Inspectors and Technical Assistant of the Year awards in an atmosphere of warm night in Italy filled with your favorite music rhythms and great Italian cuisine!

CenterStage Entertainment will help get us in the party mood with songs, contests and giveaways. They’ve even provided a link to request your favorite songs!

TheRequestList.com/h8gzf1

Please enter this link in your internet browser to check their music library, select requests, and include special notes about the requests you make for that special song for the reception this year!

Don’t forget to help set the mood by wearing your best (and appropriate) green, white and red apparel!

FRIDAY, MAY 4

6:15AM-8:15AM  REGISTRATION  Conference Floor

6:00AM-7:45AM  BUFFET BREAKFAST  Traymore Ballroom  Conference Floor

8:00AM-1:00PM  CONTINUING EDUCATION SEMINARS

FRIDAY, MAY 4

6:00AM-11:00AM  SPECIAL SPOUSE BREAKFAST  (voucher provided or required)  Bucca di Beppo Restaurant  Conference Floor

Enjoy Atlantic City! Spend your leisure time shopping, walking the Boardwalk or just relaxing.
CONTINUING EDUCATION SEMINARS

Many of the following seminars are available through the regular Spring 2018 education program, and some have been offered in previous semesters. Please select carefully, as credit will not be given for any seminar which has already been completed. The Division of Fire Safety will award reciprocal credit for those seminars marked with O. The Board of Electrical Contractors will award reciprocal credit for those seminars marked with P. Approval for reciprocal credit with the Board of Electrical Contractors is pending for the electrical seminars marked with P.

THURSDAY, MAY 3

<table>
<thead>
<tr>
<th>Seminar Title</th>
<th>Course Code</th>
<th>Admin</th>
<th>Building</th>
<th>Electrical</th>
<th>Elevator</th>
<th>Fire Protection</th>
<th>Plumbing</th>
<th>Mechanical</th>
<th>Multiple Dwelling</th>
<th>Special Inspector</th>
<th>State Jurisdiction</th>
<th>Reciprocal with DFS</th>
<th>For details see page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soils, Earthwork and Foundations: a Practical Approach for Building Officials</td>
<td>B786</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>and IRC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Hotel/Multiple Dwelling Code and UFC Retrofit Provisions</td>
<td>D185</td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>NFPA 20 - Fire Pumps - 2 day</td>
<td>D267</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>11</td>
</tr>
<tr>
<td>Building Subcode Assortment, Includes Special Amusement Uses, Farm</td>
<td>D307</td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Buildings, Membrane Structures, Deck Reviews, Snow and Archaic Fire</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ratings • NEW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commercial and Residential HVAC and High Efficiency Vent Compliance • NEW</td>
<td>D315</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>The Act, The Regs and Tort Claims • NEW</td>
<td>D322</td>
<td></td>
<td>X</td>
<td>P</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>Environmental Concerns &amp; DEP Regulatory Programs Related to the UCC</td>
<td>D325</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>11</td>
</tr>
<tr>
<td>Mixed Bag - Five Topics in 5 Hours, the Sequel • NEW</td>
<td>E291</td>
<td></td>
<td>P</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>11</td>
</tr>
</tbody>
</table>

**ICC's Certification Test Academies**

| 47-Reinforced Concrete Special Inspector Certification Test Academy 2015 – 2 | D292        |       | X        |            |          |                 | SC       |            |                   |                   |                   |                   | 8                   |
| Day                                                                         |             |       |          |            |          |                 |          |            |                   |                   |                   |                   |                     |
| S1-Structural Steel And Bolting Special Inspector Certification Test Academy | D293        |       | X        |            |          |                 | SS       |            |                   |                   |                   |                   | 8                   |
| 2015 – 2 Day • NEW                                                          |             |       |          |            |          |                 |          |            |                   |                   |                   |                   |                     |
| 14-Permit Technical Certification Test Academy – 2 Day • NEW                 | A617        |       | X        |            |          |                 |          |            |                   |                   |                   |                   | 8                   |
### Seminar Title

<table>
<thead>
<tr>
<th>Seminar Title</th>
<th>Course Code</th>
<th>Admin</th>
<th>Building</th>
<th>Electrical</th>
<th>Elevator</th>
<th>Fire Protection</th>
<th>Plumbing</th>
<th>Mechanical</th>
<th>Multiple Dwelling</th>
<th>Special Inspector</th>
<th>State Jurisdiction</th>
<th>Reciprocal with DFS</th>
<th>For detail see page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Barrier Free 2018</td>
<td>D157</td>
<td>X X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>13</td>
</tr>
<tr>
<td>UCC Special Inspections Program Requirements</td>
<td>D179</td>
<td>X X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>NFPA 20 - Fire Pumps - 2 day</td>
<td>D267</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>14</td>
</tr>
<tr>
<td>2015 IBC Penetrations, Joints and Dampers</td>
<td>D280</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>13</td>
</tr>
<tr>
<td>Introduction to Fire Alarm Systems • NEW</td>
<td>D309</td>
<td>P</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>13</td>
</tr>
<tr>
<td>New Building, Plumbing, Fire and Mechanical Products/Systems - with Code Compliance Analysis • NEW</td>
<td>D316</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>14</td>
</tr>
<tr>
<td>One-Two family Dwelling Electrical Systems • NEW</td>
<td>E292</td>
<td>P</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

### ICC's Certification Test Academies

<table>
<thead>
<tr>
<th>ICC's Certification Test Academies</th>
<th>Course Code</th>
<th>Admin</th>
<th>Building</th>
<th>Electrical</th>
<th>Elevator</th>
<th>Fire Protection</th>
<th>Plumbing</th>
<th>Mechanical</th>
<th>Multiple Dwelling</th>
<th>Special Inspector</th>
<th>State Jurisdiction</th>
<th>Reciprocal with DFS</th>
<th>For detail see page</th>
</tr>
</thead>
<tbody>
<tr>
<td>47-Reinforced Concrete Special Inspector Certification Test Academy 2015 – 2 Day</td>
<td>D292</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SC</td>
<td></td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>S1-Structural Steel And Bolting Special Inspector Certification Test Academy 2015 – 2 Day</td>
<td>D293</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SS</td>
<td></td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>14-Permit Technical Certification Test Academy – 2 Day • NEW</td>
<td>A617</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8</td>
</tr>
</tbody>
</table>

🎥 The Board of Electrical Contractors will award reciprocal credit for this seminar

ሰ 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

SC Structural Concrete and Masonry special inspector

SS Structural Welding/Steel Bolting special inspector
Get ICC Certified and Earn CEUs!

Are you ready for the next step in your career? Enroll in one of ICC’s Certification Test Academies specifically designed to help you prepare to take a certification exam. The exam is optional. All participants receive 1.0 CEUs for ICC and New Jersey certifications.

Take the course, get a voucher, then take the exam!

Register now: see form in this brochure

References are necessary for these classes and exams and may be purchased in advance from shop.iccsafe.org or onsite at the ICC Bookstore.

Choose Your Certification

47: Reinforced Concrete Special Inspector

S1: Structural Steel and Bolting Special Inspector

14-Permit Technician
Features expert instruction and includes review exercises, practice exams and individual and group-based activities to help you get better prepared to take the exam. Throughout the academy you will be given an opportunity to answer questions that reference the exam resources. Main Topics include: General Administration, Legal Aspects, Plans and Documents, Zoning and Site Development. References: Legal Aspects, 2001 Edition, Basic Code Enforcement, Copyright 2008 or newer, 2015 International Building Code, 2015 International Zoning Code
D307 NEW BUILDING SUBCODE ASSORTMENT, INCLUDES SPECIAL AMUSEMENT USES, FARM BUILDINGS, MEMBRANE STRUCTURES, DECK REVIEWS, SNOW AND ARCHAIC FIRE RATINGS
Instructor: Jack Boekhout Consulting, LLC
Credit: building, fire protection
More and more commercial farm buildings have been put to use for special amusement. This seminar helps inspectors understand the modifications needed to maintain safety when the use of a structure is changed from a basic agricultural building to one of assembly. Students will learn what is required for special amusement buildings and why they must be designed by using sections taken from several codes. This seminar includes several additional topics: membrane structures and their review for size of structure based on the type of materials and use; determining snow load compliance for structures to help do deck reviews; and finally, ways to determine a fire rating of a structural assembly in an existing structure. 0.5 CEU

D315 NEW COMMERCIAL AND RESIDENTIAL HVAC AND HIGH EFFICIENCY VENT COMPLIANCE
Instructor: Fritz Reuss
Credit: building, fire protection, plumbing, mechanical
This seminar provides a code compliance overview of HVAC systems (commercial and residential) and high efficiency vent installation requirements. Plan review and inspection protocols are evaluated regarding duct system compliance, minimum ventilation, flue venting compliance, outdoor air clearance criteria, etc. This seminar will strengthen the code official’s understanding of manufacturers’ installation requirements and specific HVAC code compliance. Specific examples and compliance scenarios are reviewed. 0.5 CEU
Spouse’s Registration

The 2018 Building Safety Conference will offer a spouse registration which includes the opportunity to attend any and all of the conference events you select below. Please indicate your choices for the Welcome Painting Party Event, Breakfasts, Awards Luncheon, and/or the Awards Reception on the Registration Form below.

The registration fee for spouses is $125. To register a spouse, please complete the Registration Form below, then detach and return it to us along with the Inspector’s Registration Form and complete payment. (Make check payable to: Building Safety Conference of New Jersey) For detailed registration instructions, please turn to the “Registration” section of this brochure. NOTE: Be sure to fill out this form completely, including the selection of ALL activities you will be attending.

2018 Building Safety Conference Spouse’s Registration Form

Name: _____________________________________________

Address: ____________________________________________

City: ___________________________ State: _________ Zip Code: ________________

Daytime Phone: ___________________________ Home Phone: ___________________________

Name of inspector you are accompanying: ____________________________

Spouse’s License/Certification No.: ___________________________________________
## Registration Form

Name: ________________________________________________    UCC License No./Registration No.: ____________________________

Spouse's Name (if Attending): __________________________________________________________________________

Address: ___________________________________________________________________________________________

City: ______________________________________________________ State:_______________ Zip: _______________

Municipality: __________________________________________ Title: _______________________________________ (Please note that the municipality and title you list will be on your conference name badge)

Daytime Phone: __________________ Home Phone: __________________ E-mail: ________________________________

Please indicate which day(s) you will be attending the conference:  
- [ ] May 2  
- [ ] May 3  
- [ ] May 4

Make check payable to Building Safety Conference of NJ. Please note that vouchers will not be accepted after April 2, 2018.

**BE SURE TO CHECK ALL THE BOXES FOR THE EVENTS YOU WILL ATTEND:**

1. Crackerbarrel Roundtable session on May 2 (6:00 PM - 8:00 PM)  
   - [ ] YES  
   - [ ] NO

2. Will your spouse be attending?  
   (If yes, please enclose the Spouse's Registration Form and payment)  
   - [ ] YES  
   - [ ] NO

3. Breakfast on Thursday, May 3 (6:00 AM - 7:45 AM)  
   - [ ] YES  
   - [ ] NO

4. Awards Luncheon, Thursday, May 3 (12:00 PM - 2:00 PM) (Ticket required)  
   - [ ] YES  
   - [ ] NO

5. Awards Reception, A Night in Italy; Boun Appetito!, Thursday, May 3 (7:00 PM - 10:00 PM)  
   - [ ] YES  
   - [ ] NO

6. Breakfast on Friday, May 4 (6:00 AM - 7:45 AM)  
   - [ ] YES  
   - [ ] NO

**INDICATE YOUR SEMINAR CHOICE(S) BY MARKING AN “A” (FIRST CHOICE) AND A “B” (SECOND CHOICE) FOR EACH DAY YOU ATTEND THE CONFERENCE.**

<table>
<thead>
<tr>
<th>Day</th>
<th>Seminar Name</th>
<th>Credits</th>
<th>Choice A/B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thursday, May 3</td>
<td>D292 47-REINFORCED CONCRETE SPECIAL INSPECTOR CERTIFICATION TEST ACADEMY 2015 – 2 DAY</td>
<td>Building, special inspector (concrete) <strong>Be sure to bring References needed for the class (see p. 8)</strong></td>
<td>A/B</td>
</tr>
<tr>
<td></td>
<td>D293 S1-STRUCTURAL STEEL AND BOLTING SPECIAL INSPECTOR CERTIFICATION TEST ACADEMY 2015 – 2 DAY</td>
<td>Building, special inspector (steel) <strong>Be sure to bring References needed for the class (see p. 8)</strong></td>
<td>A/B</td>
</tr>
<tr>
<td></td>
<td>A617 14-PERMIT TECHNICAL CERTIFICATION TEST ACADEMY - 2 DAY</td>
<td>Admin <strong>Be sure to bring References needed for the class (see p. 8)</strong></td>
<td>A/B</td>
</tr>
<tr>
<td></td>
<td>D307 BUILDING SUBCODE ASSORTMENT, INCLUDES SPECIAL AMUSEMENT USES, FARM BUILDINGS, MEMBRANE STRUCTURES, DECK REVIEWS, SNOW AND ARCHAIC FIRE RATINGS</td>
<td>Building, fire protection</td>
<td>A/B</td>
</tr>
<tr>
<td></td>
<td>D315 COMMERCIAL AND RESIDENTIAL HVAC AND HIGH EFFICIENCY VENT COMPLIANCE</td>
<td>Building, fire protection, plumbing, mechanical</td>
<td>A/B</td>
</tr>
<tr>
<td></td>
<td>D325 ENVIRONMENTAL CONCERNS &amp; DEP REGULATORY PROGRAMS RELATED TO THE UNIFORM CONSTRUCTION CODE</td>
<td>Administrative, hotel/multiple dwelling</td>
<td>A/B</td>
</tr>
<tr>
<td></td>
<td>E291 MIXED BAG - FIVE TOPICS IN 5 HOURS, THE SEQUEL</td>
<td>Electric</td>
<td>A/B</td>
</tr>
<tr>
<td></td>
<td>B786 SOILS, EARTHWORK AND FOUNDATIONS: A PRACTICAL APPROACH FOR BUILDING OFFICIALS BASED ON 2015 IBC AND IRC</td>
<td>Building</td>
<td>A/B</td>
</tr>
<tr>
<td></td>
<td>D322 THE ACT, THE REGS AND TORT CLAIMS</td>
<td>Administrative, electrical</td>
<td>A/B</td>
</tr>
<tr>
<td></td>
<td>D185 THE HOTEL/MULTIPLE DWELLING CODE AND UFC RETROFIT PROVISIONS</td>
<td>Building, fire protection, hotel/multiple dwelling</td>
<td>A/B</td>
</tr>
<tr>
<td>Friday, May 4</td>
<td>D316 NEW BUILDING, PLUMBING, FIRE AND MECHANICAL PRODUCTS/SYSTEMS WITH CODE COMPLIANCE ANALYSIS</td>
<td>Building, fire protection, plumbing, mechanical</td>
<td>A/B</td>
</tr>
<tr>
<td></td>
<td>D179 UCC SPECIAL INSPECTIONS PROGRAM REQUIREMENTS</td>
<td>Administrative</td>
<td>A/B</td>
</tr>
<tr>
<td></td>
<td>D309 INTRODUCTION TO FIRE ALARM SYSTEMS</td>
<td>Electric, fire protection, hotel/multiple dwelling</td>
<td>A/B</td>
</tr>
<tr>
<td></td>
<td>D280 2015 IBC PENETRATIONS, JOINTS AND DAMPERS</td>
<td>Building, fire protection</td>
<td>A/B</td>
</tr>
</tbody>
</table>
PLEASE CHECK (√) ALL THE ACTIVITIES YOU WISH TO ATTEND:

Wednesday, May 2, 2018
☐ Welcome Paint Party - Arturo's Restaurant (Conference floor) (6:00 PM - 8:00 PM)

Thursday, May 3, 2018
☐ Special Spouse Breakfast – Bucca di Beppo (Conference floor) Voucher provided or required. (6:00 AM - 11:00 AM)
☐ Awards Luncheon - Ocean Ballroom (Conference floor, ticket required) (12:00 PM - 2:00 PM)
☐ Awards Reception and A Night in Italy: Boun Appetito! Party - Ocean Ballroom (7:00 PM - 10:00 PM)

Friday, May 4, 2018
☐ Special Spouse Breakfast – Bucca di Beppo (Conference floor) Voucher provided or required. (6:00 AM - 11:00 AM)
D325  NEW ENVIRONMENTAL CONCERNS & DEP REGULATORY PROGRAMS RELATED TO THE UNIFORM CONSTRUCTION CODE
Instructor: Marie Daniels, DCA and DEP staff
Credit: administrative, hotel/multiple dwelling
This seminar provides an outline of potential environmental concerns (including mold, radon, lead, asbestos, and others) related to or addressed in the Uniform Construction Code and explains how these issues may be addressed. In addition, this seminar provides a general overview of the Department of Environmental Protection's (DEP) regulatory programs and how DEP's Office of Permit Coordination and Environmental Review can assist in identifying and facilitating permit determination for a new project. 0.5 CEU

D267  NEW MIXED BAG - FIVE TOPICS IN 5 HOURS, THE SEQUEL
Instructor: Tom Pernal Electrical Seminars, LLC
Credit: electrical
This seminar is a compilation of five topics useful for the purposes of installation, plan-review and inspection of a variety of occupancies. The topics to be discussed include feeder load calculations, parallel conductor installations, existing electrical installations and wiring for 1 & 2 family, requirements for appliances, and installation, substitution and inspection of LV cabling types. 0.5 CEU

E291 (pending) NFPA 20 - FIRE PUMPS - DAY 1
Instructor: Fire Smarts, LLC
Credit: fire protection, electrical
This seminar provides a detailed review of the design, installation, and acceptance testing of stationary fire pumps. The seminar begins with a review of basic pump principles including laminar and balanced flow along with basic hydraulic principles. The difference between centrifugal and positive displacement pumps is examined. The attendees will learn about the various types of centrifugal fire pumps and how each are best applied. Installation requirements are thoroughly reviewed with illustrations of acceptable and unacceptable layouts. The purpose of pressure maintenance (jockey) pumps is thoroughly examined including methods for choosing the correct capacity. The requirement for motor drivers, engine drivers, and their controllers is examined. Finally, the seminar covers the requirements for acceptance testing and the required documentation for an approved fire pump installation. 1.0 CEU
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

**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

**FRIDAY, MAY 4**

**D280**
**2015 IBC PENETRATIONS, JOINTS AND DAMPERS**
**Instructor: James Quigley, International Code Council**
**Credit: building, fire protection**
This course discusses the details and requirements for dampers, penetration firestops and joint systems. The topics include the concepts, testing, installation, and citations within the code. The IBC uses fire resistive rated assemblies to protect the building’s structural system, to separate adjacent spaces within the building that are not compatible, or to separate and protect adjacent buildings. In addition, the code uses smoke resistant assemblies to limit the spread of smoke within a building and the dangers it would create for the occupants. Any opening or penetration within the rated assemblies has the potential to reduce the assembly’s performance. This course focuses on the protection provided by dampers, penetration firestops and joint systems to ensure the building and occupants are safe. 0.5 CEU

**D309**  *(pending)*
**NEW INTRODUCTION TO FIRE ALARM SYSTEMS**
**Instructor: Fire Smarts, LLC**
**Credit: electric, fire protection, hotel/multiple dwelling**
This seminar covers fire alarm system basics based on NFPA 72 National Fire Alarm and Signaling Code. An overview of fire alarm system components is provided starting with the fire alarm control panel and power supplies. Fire alarm initiating devices are discussed including smoke detectors, duct detectors, heat detectors, pull stations, tamper switches and water-flow switches. Fire alarm notification devices such as horns and strobes are also discussed along with a review of the fundamental requirements.
that apply to most fire alarm systems. The basics of fire alarm system design and items required for plan review are also covered. 0.5 CEU

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

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

**D267 NFPA 20 - FIRE PUMPS - DAY 2**
Instructor: Fire Smarts, LLC
Credit: fire protection, electrical
This seminar provides a detailed review of the design, installation, and acceptance testing of stationary fire pumps. The seminar begins with a review of basic pump principles including laminar and balanced flow along with basic hydraulic principles. The difference between centrifugal and positive displacement pumps is examined. The attendees will learn about the various types of centrifugal fire pumps and how each are best applied. Installation requirements are thoroughly reviewed with illustrations of acceptable and unacceptable layouts. The purpose of pressure maintenance (jockey) pumps is thoroughly examined including methods for choosing the correct capacity. The requirement for motor drivers, engine drivers, and their controllers is examined. Finally, the seminar covers the requirements for acceptance testing and the required documentation for an approved fire pump installation. 1.0 CEU

**E292 (pending) NEW ONE-TWO FAMILY DWELLING ELECTRICAL SYSTEMS**
Instructor: Tom Pernal
Electrical Seminars, LLC
Credit: electrical
This seminar provides inspectors with the knowledge to perform plan review and inspection in one- & two family dwellings. Select chapters from the IAEI One- & Two-Family Dwelling Electrical Systems are covered to be of particular use for inspectors with licenses in multiple disciplines. UCC references are included where they differ from requirements found in the National Electrical Code. 0.5 CEU

**D179 UCC SPECIAL INSPECTIONS PROGRAM REQUIREMENTS**
Instructor: John Daniels
Credit: administrative, building
This seminar is designed to identify and explain the requirements and procedures of the Special Inspections Requirement within the UCC (N.J.A.C. 5:23-2.20) and NJ 2015 IBC. Topics include the statement of suspensions, the various types of special inspections, identification of when these inspections are necessary, the independent 3rd party inspection agency/inspectors, and the submission of reports and closing documents to the code official. Discussions will include the requirements relating to both new and rehabilitation projects. 0.5 CEU
GENERAL INFORMATION

The registration fee is **$185 per person**. The registration fee includes ANY AND ALL EVENTS you select on your registration form.

Please return the Registration Form(s) with complete payment. All payments must be received in this office by **Tuesday, April 17**. If this is not possible, you must bring cash or a personal check to be paid at the Conference registration. Make check, money order, or voucher payable to **Building Safety Conference of New Jersey**. No vouchers will be accepted after **Monday, April 2**. For detailed registration instructions please see the “Registration” section of this brochure.

**Confirmations** will be sent approximately 10 days before the conference. **Bring your confirmation** with you to the registration booth to receive your conference packet which includes your activities, tickets, name badge, etc. If your fees have not been paid you will be directed to the problem registration area.

HOTEL RESERVATIONS

It is strongly recommended that any hotel reservations for the 2018 conference be made through Bally’s internet registration system, using the internet link below:

**https://aws.passkey.com/go/SB05BU8**

Reservations can also be made by telephone directly with Bally’s. To make reservations, you may call **888-516-2215** (8 am - 2 am EST seven days a week). The name of the group is listed as **Building Safety Conference of NJ**. Please reference the group code **SB05BU8**.

Hotel reservations must be made no later than **TUESDAY, April 17th, 2018**.

The conference rate per night is quoted per room, single or double occupancy, at the **new lower rate of $79**. Each additional person per room is $20 extra per night. Please be aware that Atlantic City imposes a $2 Tourism Fee, $3 State Occupancy Fee, and $10 Resort Fee for each hotel room per night plus room tax of 14% (tax is subject to change); which is not included in the Building Safety Conference room rate. When issuing a check, money order, or voucher, please be sure to include this fee for each night you book a room. To ensure that you are charged the special conference rate, you must (1) tell the operator that you will be participating in the Building Safety Conference of New Jersey, group code **SB05BU8** and (2) make your overnight reservation with the hotel by Tuesday, April 17th, 2018. After this date, the conference rate will no longer be available. You must use your credit card to guarantee your reservation. Check-in time at the hotel is 4:00 PM. The hotel requires that you have a credit card with you at the time of check in. Check-out time is 12:00 noon. We encourage you to use Express Checkout; instructions are available in your hotel room.
CONFERENCE
REGISTRATION INSTRUCTIONS

1. Choose the seminar(s) you would like to attend from those listed in the brochure. Remember to select one seminar for each day you are attending the conference. We also request that you indicate a second choice since many classes fill up very quickly.

2. Complete the registration form, providing all information requested. Indicate your seminar choice(s) by marking an “A” (first choice) and a “B” (second choice) for each day you attend the conference. If someone accompanying you will be registering under the spouse registration, please be certain to indicate this on the form, and include the completed Spouse’s Registration Form, found in this brochure.

3. Fill out all sections of the registration form and answer all the questions.

4. Payment must be made via check, money order, or voucher, and must be made payable to the Building Safety Conference of New Jersey.

   Please note that a voucher will reserve your seminar space, but this office MUST receive your payment prior to the conference.

   No vouchers will be accepted after April 2nd, 2018.

   Our Federal Tax Identification number is 22-2777775.

   Any payment that is made out incorrectly will be returned to the sender, resulting in a delay in registration.

5. Detach the completed registration form(s), enclose payment, and mail to:

   Building Safety Conference
c/o DCA Education Unit
   PO Box 802, Trenton, NJ 08625-0802

   Please DO NOT make checks payable to DCA

Note:

The FINAL DEADLINE for receipt of all registration forms and payment is April 17th, 2018 (unless payment is made by voucher, in which case it must be received by April 2nd). Paperwork received after this date will not be accepted.

NO REFUNDS will be honored unless requests are received by DCA, in writing, no later than Wednesday, April 25, 2018.
BUILDING SAFETY CONFERENCE
OF NEW JERSEY COMMITTEE

John Delesandro
Department of Community Affairs

Edward Reed
Municipal Electrical Inspectors Association

Jerome Eger
Municipal Construction Officials of NJ

Anthony Gargani
NJ Plumbing Inspectors Association

Gary Lewis
NJ Fire Prevention and Protection Association

Kevin Luckie
Department of Community Affairs

Robert Mittermaier
Building Officials Association of NJ

Patrick Ryan
Department of Community Affairs

Debbie Timko
NJ Association of Technical Assistants