

# ESBOF 2015 Education Offerings

## International Residential Code Update

*This course will assist participants in implementing the transition from the 2009 IRC to the 2015 IRC by addressing relevant changes in the 2012 and 2015 editions of the IRC.*

**Steve Van Note CBO** is the Managing Director of Product Development for the International Code Council (ICC), where he is responsible for developing technical resource materials in support of the International Codes. His role also includes the management, review, and technical editing of publications developed by ICC staff members and other expert authors. In addition, Steve develops and presents code seminars nationally. He has over 40 years of experience in the construction and building code arena. Prior to joining ICC in 2006, Steve was building official for Linn County, Iowa. Prior to his 15 years at Linn County, he was a carpenter and construction project manager for residential, commercial, and industrial buildings. A certified building official and plans examiner, Steve also holds certifications in several inspection categories.

*This course has been approved for CEU Credits by, International Code Council, State of Maine-Residential Building, State of Massachusetts; State of New York, State of Connecticut, State of Rhode Island*

## International Building Code Update

*This course will assist participants in implementing the transition from the 2009 IBC to the 2015 IBC by addressing relevant changes in the 2012 and 2015 editions of the IBC.*

**Douglas W. Thornburg, AIA, CBO**, is currently Vice-President of Education and Certification for the International Code Council (ICC) where he provides administrative and technical leadership for the ICC education and certification programs. Prior to employment with ICC in 2004, he spent nine years as a code consultant and educator on building codes. Formerly Vice-President/Education for the International Conference of Building Officials (ICBO), Doug also continues to develop and present building code seminars nationally and has developed numerous educational texts and resource materials. He was presented with ICC's inaugural Educator of the Year Award in 2008, recognizing his outstanding contributions in education and training. A graduate of Kansas State University and a registered architect, Doug has over 34 years of experience in building code training and administration. He has authored a variety of code-related support publications, including the IBC Handbook and the Significant Changes to the International Building Code.

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## International Energy Conservation Code Update, Residential & Commercial

*This course will assist participants in implementing the transition from the 2009 IECC to the 2015 IECC by addressing relevant changes in the residential & commercial energy provisions of the 2012 and 2015 editions of the IECC.*

**Andrew Klein, P.E.** is the principal of A S Klein Engineering, PLLC, a professional engineering firm located in Pasco, WA. A dually-licensed Chemical and Fire Protection Engineer, Andrew's career began with plans examinations and inspections for code compliance of high-hazard occupancies and the processes and storage that occur within them. As energy management grew as a primary focus of facility managers and developers, Andrew's responsibilities expanded to include energy code compliance. Now a Certified Energy Manager, he has helped facilities understand and manage their energy costs as well as obtain compliance with applicable energy codes and desired above-code programs. Andrew is involved in national-level committee work and code development with ICC, NFPA and IAPMO.

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## International Plumbing and Mechanical Code Update

*This course will assist participants in implementing the transition from the 2009 IPC & IMC to the 2015 editions by addressing relevant changes of the 2012 and 2015 editions.*

**Richard Truitt** is currently employed as a Deputy Code Official for Harford County Government. Rich began his career in the code enforcement profession in 1994 as a plans reviewer with the County. Over the years he has been promoted to Chief Building Inspector and now serves in the position of Deputy Director. His responsibilities include the direct oversight of the Building Services Division along with being responsible for the Electrical, Plumbing/Mechanical, Housing Services and Animal Control Division within the Department.

Rich has also continually served on the Maryland Building Officials Board of Directors since 1999. He has held the positions of Director at Large, Secretary, 2nd and 1st vice president and now currently President of the Organization. Along with the MBOA Board position Rich also holds positions and or appointments on the ICC Region VII Executive Committee, the ICC IRC Interpretation Committee, the IRC Plan Review and Accessibility Exam Development Committee, and has been appointed by the Governor of the State of Maryland to the Maryland Rehabilitation Code Council and the Maryland Green Building Council. Since 2007 he has also been working with the ICC Educational Department as a contract instructor and subject matter expert. Rich currently holds over 10 ICC certifications along with Certifications and Licenses as an Inspector in the State of Maryland.

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## NEC 2014 Update

*The 2014 edition of the 2014 NEC has been revised to include important changes such as expanded AFCI and GFCI requirements.*

**Jeff Sargent** has been a member of NFPA's electrical engineering department since 1997. During his tenure, he was managing editor of the 2011 National Electrical Code, served as the executive secretary to the NFPA Electrical Section, and sat on numerous technical committee boards. He is co-author of the *Electrical Inspection Manual with Checklists* and *NEC Q & A*, and is a frequent contributor to necplus®, NFPA's on-line NEC product and NFPA Journal®. Jeff serves as a NFPA Subject Area Specialist and concentrates on electrical code development, adoption and outreach in New England.

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## NFPA 96 Kitchen Hood & Suppression

*NFPA 96 covers the design, installation, operation and inspection, testing and maintenance of cooking equipment, hoods, grease removal devices, exhaust duct systems, fans, fire suppression systems and clearances to combustibles.*

**Jacqueline Wilmot**, Fire Protection Engineer/Staff Liaison NFPA.

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## Solar PV Installation & Inspection

*2014 NEC Installation and Inspection of Solar PV Systems*

**Mark R. Hilbert** was the former Chief Electrical Inspector for the State of New Hampshire and now operates a private electrical inspection and consulting business. He is licensed in three states as a master electrician and a certified electrical inspector by the International Association of Electrical Inspectors where he is Past President of the Granite State Chapter, the Eastern Section and was the 2014 International President. He is a former member of NEC Code Making Panel 4 and currently a principal member and Chair of NEC CMP 2 and the NFPA 79 Committee. He is an NFPA and IAEI seminar instructor and has taught the NEC and NFPA 70E domestically and internationally for over 15 years.

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## Disaster Resilient Construction

*A Guide for Developing a Community Action Plan. This workshop covers a wide range of topics designed to formalize the process of implementing disaster resilient construction at the community level.*

**Tien Peng** is the National Ready Mixed Concrete Association (NRMCA) Vice President of Sustainability. Based in Seattle, he monitors code development and manages industry sustainability initiatives. Tien has advised the Washington State Legislature on building code adoption as a member of the State Building Code Council. He facilitated the creation of the LEED Homes rating system for the US Green Building Council and currently serves as a ANSI consensus body member of the Green Building Initiative. Tien holds a M. Arch and a B.E. in mechanical engineering. He is also trained in the CalEMS Post-Disaster Safety Assessment Evaluator and recently co-authored, "Concrete Building Systems: Disaster Resilient Solutions for Safer Communities" in the Homeland Security Review Winter 2014.

**Donn C. Thompson, AIA, CGP, LEEP AP BD+C**, is Director of Market Development for the Portland Cement Association (PCA) with responsibility for coordinating promotion strategies for various targeted markets for concrete products and systems. He participates in the planning of PCA promotion activities to expand the use of cement-based products in the residential, low rise, engineered buildings, paving, and transportation structures markets. Donn conducts presentations nationwide on various aspects of building sustainably with concrete as well as more resilient building codes advocacy.

Donn is a licensed architect in Illinois, a member of the American Institute of Architects, and an Associate Affiliate Member of the National Association of Homebuilders, (NAHB). He is a US Green Building Council LEED Accredited Professional and an NAHB Certified Green Professional. Donn has a BS and M.Arch from the University of Illinois, Chicago. He has been active in the concrete industry for over 18 years with extensive field experience with insulating concrete form systems, having served as an on-site contractor trainer for a variety of residential and commercial projects.

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## FEMA P-499 & FEMA P-762

*A Guide to Coastal Construction for Builders and Code Officials. These courses cover the proper siting of coastal buildings and recommended design and construction practices, including structural connections, the building envelope, utilities and accessory structures.*

**John Grace** is a Coastal Engineer and Certified Floodplain Manager for FEMA Region 1 located in Boston. He works in the Mitigation Division for the Risk Analysis Branch, which is primarily responsible for overseeing FEMA map and flood study production. John also assists constituents and professionals with Letters of Map Changes, floodplain regulations and engineering questions. He is the Region's Building Science Point of Contact and conducts workshops for Residential Coastal Construction and many other topics. John has performed countless inspections post disaster to determine the cause and amount of damage, and future mitigation of buildings and structures.

John is the program manager for the Region's Cooperating Technical Partners program which provides grant funding to communities and state and regional agencies to help FEMA with its mapping mission. John graduated from the University of Rhode with a bachelor's degree in Ocean Engineering and has over 10 years of engineering experience.

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