

2012 Design & Trades Conference Workshops

Session 1	Session 2	Session 3
Residential Energy Code (2009 IECC and 2009 IRC) <ul style="list-style-type: none"> • ARRA 90% Compliance Rate • Administrative requirements • Technical requirements • Completion requirements • Documentation requirements 	Commercial Energy Code (2009 IECC and Standard 90.1-2007 with 2008 Supplement) <ul style="list-style-type: none"> • ARRA 90% Compliance rate • Administrative requirements • Compliance with either IECC in entirety or 90.1 in entirety • Technical requirements • Completion requirements 	Residential Energy Code (2009 IECC and 2009 IRC) <ul style="list-style-type: none"> • ARRA 90% Compliance Rate • Administrative requirements • Technical requirements • Completion requirements • Documentation requirements
Instructor: Don Vigneau, NEEP	Instructor: Fred Wajcs, Energy Code Consultant, PE	Instructor: Don Vigneau, NEEP
Commercial Energy Code (2009 IECC and Standard 90.1-2007 with 2008 Supplement) <ul style="list-style-type: none"> • ARRA 90% Compliance rate • Administrative requirements • Compliance with either IECC in entirety or 90.1 in entirety • Technical requirements • Completion requirements 	2009 IRC General This seminar will highlight the new 2009 International Residential Code and changes it entails versus the 2003 edition.	Lighting Systems <ul style="list-style-type: none"> • Technologies and techniques for low energy lighting • Lighting Controls • What's new in 2010 ASHRAE 90.1 for lighting Practitioners • Lighting Power allowance
Instructor: Fred Wajcs, Energy Code Consultant, PE	Instructor: Tim York, Building Official, Town of Colchester	Instructor: Chad Groshart, IALD, LC, LEED AP BD&C
From Start to Finish: Proper Duct Installation, Duct Sealing	Envelope Details: Residential Advanced Framing Techniques, and High Performance Insulation and Air Sealing	Residential Blower Door and Duct Testing
Instructor: Guy Wanegar, A&B Heating and Cooling	Instructor: Mark Hutchins, Technical Trainer and Quality Assurance Manager, Conservation Services Group	Instructor: Peter Harding, Green Rater, Green Professional, Home Energy Technologies
Energy Code for Mechanical Contractors <ul style="list-style-type: none"> • Residential • Commercial (IECC or 90.1) • Heating and Cooling load calculations 	NEC - Generators and Transfer Switches: A review of the rules contained in the building codes pertaining to the safe installation of engine powered generators and the transfer switch required to connect the output to the building electrical system. Particular attention will be paid to the grounding and bonding requirements for the various options encountered.	Can You Seal Up a House Too Tight?: Learning the Balance of Proper Ventilation for Healthy Indoor Air Quality
Instructor: Matthew E. Mullen, P.E., LEED AP, CBCP	Instructor: Earl Dean, E-1, EI, BO	Instructor: Bill Zoeller, Registered Architect and Senior VP, Steven Winter Associates
High Performance Building Certification Programs: LEED, Energy Star, Green Globes, National Green Building Standard (NGBS)	Renewable Energy Basics: Mounting and Interconnection.	2009 IRC General This seminar will highlight the new 2009 International Residential Code and changes it entails versus the 2003 edition.
Instructor: Maureen McGeary Mahle, Engineer and Director of Sustainable Housing Services, Steven Winter Associates	Instructor: Mike Kocsmiersky, IREC ISPQ certification	Instructor: Tim York, Building Official, Town of Colchester
Basic Residential Structural Design for Designers & Builders: An overview of the 2003 IRC structural requirements, including basic design of rafters, rafter ties, ceiling joists, floor joists, girders and headers. How to evaluate residential structural plans for code compliance will also be discussed.	OSHA's Emphasis Program for Falls in Residential Construction	Building a Near Zero Energy Home Affordably
Instructor: Milton Gregory Grew, AIA Architect / CEO Grew Design, Inc.	Instructor: Leona May, OSHT	Instructor: George Keithan, Certified Home Energy Rater, NABCEP certified, CES
Analysis of Existing Structures for the Mounting of Solar Panels for the Compliance with Building Code and Structural Engineering Standards	The Evolution of Fire Protection in Residential Occupancies: A historical perspective of the evolution and development of residential fire protection technology. Analytical research, concepts, philosophies, and technologies that are changing our perceptions of life safety in the places where we live.	The Evolution of Fire Protection in Residential Occupancies: A historical perspective of the evolution and development of residential fire protection technology. Analytical research, concepts, philosophies, and technologies that are changing our perceptions of life safety in the places where we live.
Instructor: Torello Engineers	Instructor: Iggy Kapalczynski, Fire and Life Safety Consultant	Instructor : Iggy Kapalczynski, Fire and Life Safety Consultant