Johnson County Contractor Licensing and the Heart of America Chapter, ICC present the

2015 Fall Education Seminar

October 26 through 30, 2015
Overland Park Convention Center
6000 College Boulevard
Overland Park, Kansas
Our mission is to foster the highest standards of integrity, skill, and trade practice in the construction disciplines regulated by the program. In so doing we work to safeguard the life, health, property, and welfare of the public. We accomplish our mission by administering a uniform licensing program for participating jurisdictions and by producing quality construction related continuing education seminars for licensed contractors, trade practitioners, and building inspection professionals. 2015 has been a growth year for the program, having added Tonganoxie and Mission Hills to the program, the program now represents 17 jurisdictions inside and outside Johnson County. We are proud to have been designated the International Code Council’s first Preferred Provider Program Provider, an accreditation which brings added value to Johnson County program continuing education credit.

The program is guided by the nine-member Contractor License Review Board who are appointed by the Johnson County Board of County Commissioners.

**Contractor License Review Board**

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<tr>
<th>Class “A” Contractor</th>
<th>Class “B” Contractor</th>
<th>Class “C” Contractor</th>
<th>Class “D” Contractor</th>
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<tr>
<td>August Huber III,</td>
<td>Mark Denning</td>
<td>Charlie Blair, Chair</td>
<td>William Jones</td>
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<td>Jim Jorgenson, P.E.,</td>
<td>Steve Chick</td>
<td>Don West</td>
<td>Matt Hisson</td>
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<td>C.B.O., Building Official</td>
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<td>Class “D” Contractor</td>
<td>General Public</td>
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<td>Eric Wimmer</td>
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<td>Architect/Engineer</td>
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**Staff**

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<tr>
<th>Building Official</th>
<th>Program Manager</th>
<th>Asst. Program Manager</th>
<th>License Monitor</th>
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<td>Jerry Mallory</td>
<td>Sean Reid</td>
<td>Samantha Nichols</td>
<td>Stephanie Sweeney</td>
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<td>Janet Vail</td>
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**Lunch Menu**

**Monday**

Chef’s Brisket Chili, Baked Potato Bar, Corn Bread, Salad, and Bread Pudding

**Tuesday**

Roast Whole Hog Served at the Carving Station, Chef Gunny’s House-Made Potato Chips
Fruit Salad, Creamy Coleslaw, Macaroni and Cheese, Kaiser Rolls, and Jumbo Cookies

**Wednesday**

Caprese Platter, Pasta with Italian Sausage, Sautéed Vegetables, Bread Sticks, Apple Crisp

**Thursday**

Meatloaf, Mashed Potatoes, Gravy, Vegetables, Salad, Cinnamon Rolls

**Friday**

Hamburgers, Hot Dogs, Potato Salad, Pasta Salad, Assorted Cookies
Welcome to the 2015 Fall Seminar

Welcome to the Contractor Licensing Program 2015 Fall Education Seminar. The 2015 Fall Education Seminar will be held at the Overland Park Convention Center, 6000 College Boulevard, Overland Park, Kansas, 66211.

The Fine Print:

Pre-registration for Classes: Be sure to pre-register for classes. Because your class enrollment information is pre-printed, we will not be able to accommodate walk-in attendees. Popular classes fill early and registration closes at 5 pm, October 23, 2015.

Relicensing: We won’t be able to relicense for 2016 at the seminar. You can relicense by mail, in person at the office, or online by using the Contractor Management System at http://cls.jocogov.org/CLSCOURSEREG/default.aspx.

Class Check In and Check Out: You must scan-in when you enter and scan-out at the end of your classes. All you need to do is have the bar code on your license card or class schedule scanned at the entry to your class. Please be sure to have your bar code scanned when you enter and when you exit the class, or we will not be able to give you credit for your attendance.

Lunch: We will be serving lunch to attendees who are enrolled in both morning and afternoon classes. You will use your bar code for entry into the lunch line, so be sure to keep your bar code document. If you have special dietary needs, please make your request before October 20, 2015 by e-mailing janet.vail@jocogov.org or by calling (913) 715-2233.

Certificates: We do not distribute certificates at the conclusion of classes. At the Contractor Licensing web site you can use the Contractor Management System feature to retrieve and print a copy of your official transcript, or any of your certificates, from your home or office computer. The Contractor Management System can be found on-line at: http://cls.jocogov.org/CLSCOURSEREG/default.aspx

Each code session description will note all Johnson County contractor classes eligible to receive code credit for the session. The notations may not indicate the class will be of interest to all contractors eligible for code credit. Non-Code classes are in noted in blue.

Johnson County Class A, B, and C Licensed Contractors: All Class A, B, and C Johnson County Contractor License Program Qualifying Individuals must have a minimum of 8 hours of continuing education per year, per license, to be renewed. At least 4 of those 8 hours must be code or specialty code education. You may only apply 4 hours of non-code category education per year towards renewal.

Johnson County Class D Electrical, Plumbing, Mechanical, Fire Protection, Roofing, Swimming Pool, and Wood Framing Contractors: All Qualifying Individuals for Johnson County Contractor License Program Class D specialty licenses must have a minimum of 8 hours of continuing education, with at least 4 hours code education in your field of specialty. Class DE, DP, DM, DF, DR, DS, and DW contractors may apply no more than 4 hours of non-code category education per year towards renewal. Questions about education? Call (913) 715-2233.

City of Lawrence, Miami County, KCMO, and Unified Government Contractors

For questions about what is required by other programs, please contact them directly at the numbers below:

City of Lawrence, Kansas: For license education requirement information, call (785) 832-7700.

Miami County, Kansas: For license education requirement information, call (913) 294-4145.

Kansas City, Missouri: For license education requirement information, call (816) 513-1500, select option 6.

Unified Government: For license education requirement information, call (913) 573-8620.
Monday, October 26, 2015

26-1A 2012 IBC Care Facilities Provisions
8:00 am to 5:00 pm  8 Hours A, B, C Code Credit
This seminar will address provisions in the 2012 International Building Code and referenced standards relating to the design and construction of care facilities such as medical care, custodial care, ambulatory care and day care facilities. It will focus on the specific decision making needed to apply the provisions appropriately by highlighting the differences between the various types of care activities. The seminar will include a discussion on how the length of stay, number of care recipients, degree of care and capability/incapability of self-preservation all relate to the occupancy classification and resultant code requirements. Smoke compartments, dwelling and sleeping unit separations, incidental use separations and other special conditions provisions are also addressed. Unique provisions will be highlighted in the areas of accessibility, type of construction, fire protection, means of egress and interior finishes. During this seminar, participants will listen to lecture, discuss examples and participate in activities that pertain to applying sections of the IBC to care facilities. This class will be of greatest interest to Class A and B contractors, building designers, inspectors, and plan reviewers.
Instructor: Jay Woodward

26-2A Fireblocking and Draftstopping
8:00 am to 12:00 pm  4 Hours A, B, C, DW, DR Code Credit
In light wood frame construction one of the most important and misunderstood elements of construction is fireblocking. Installed to retard the migration of fire from concealed vertical spaces to concealed horizontal spaces, fireblocking serves as the primary method of preventing the rapid spread of fire in areas not easily viewed. Your instructor, an experienced framer and building inspector will explain the code’s requirements and provide numerous illustrations of properly and improperly installed fireblocking. While this class is designed for Class DW framing contractors, inspectors, designers and any Class A, B, or C contractors building light wood frame buildings will benefit from this class.
Instructor: Russ Thornburg

26-2B Moisture Intrusion
1:00 pm to 5:00 pm  4 Hours A, B, C, DR, DW Code Credit
During this session, we will discuss the building science behind moisture intrusion in the residential environment. We will examine the concepts of sustainability, net zero energy, and durability design criteria in terms of providing fundamental information on the 2012 International Residential Code exterior weather barrier provisions. You will learn from one of the seminar’s most popular instructors through a detailed examination of the exterior wall envelope weather-barrier components, roof assembly components, and foundation elements how to avoid moisture intrusion problems and how to conform to the requirements of the 2012 edition of the code. This class will be of greatest interest to Class C contractors, building inspectors, plan reviewers, architects, or engineers, as well as anyone working in the one-family and two-family dwelling environment. It will also provide code credit to Class DR Roofing and DW Framing sub-contractors, as well as Class B and A contractors.
Instructor: Russell Thornburg

26-3A 2012 The Art of Framing
8:00 am to 5:00 pm  8 Hours A, B, C, DR, DW Code Credit
A detailed review and in-depth examination of the conventional light wood framing provisions from Chapter 23 of the 2012 International Building Code and Chapters 5 through 8 of the 2012 International Residential Code will be the focus of this class. In addition, special attention will be paid to those portions of the 2012 International Building Code which are most frequently misunderstood by framing contractors. Focus topics will include braced wall panels, the mechanics of wood performance, and common framing errors. This class will be of special interest to Class A, B, C, DW, DR contractors, as well as designers, building inspectors, and plan reviewers who are working with wood frame commercial, multi-family, or residential projects and are interested in learning about the requirements of commercial and residential framing found in the 2012 codes.
Instructor: Dave Utterback
26-4A Plumbing Provisions of the 2012 International Residential Code
8:00 am to 12:00 pm  4 Hours A, B, C, DP Code Credit
This is an overview of the 2012 International Residential Code’s Part VII plumbing provisions, designed to cover the most important elements of the code’s plumbing requirements. This review of the residential plumbing provisions in the 2012 Edition of the most commonly adopted residential code in northeast Kansas will include an examination of the administration, general regulations, fixtures, water heaters, water supply distribution, sanitary drainage, vents, traps, special piping, and storage systems as they apply to residential projects, in addition to fuel gas. This class will not include a detailed examination of residential sprinkler provisions. While this class is intended to be of greatest interest to plumbing contractors, master and journeyman plumbers working in the residential field, it will also be valuable to building inspectors and residential design professionals interested in the 2012 plumbing provisions, and provide code credit to Class A, B, and C contractors.
Instructor: Bob Schutz

26-4B 2012 International Plumbing Code Update
1:00 pm to 5:00 pm   4 Hours A, B, C, DP, DF, DS Code Credit
This seminar will focus on the critical concepts required to safely and effectively design, install, and to pass inspections of plumbing installations in accordance with the 2012 International Plumbing Code. Understanding what has changed in the 2012 International Plumbing Code and what inspectors should be looking for in the field will help you make sure your installations receive passing inspection results. While this will be of greatest interest to plumbing contractors, designers, and building inspectors, it will provide code credit and valuable knowledge for Class A and B contractors, as well as swimming pool and fire protection contractors who work with piping systems.
Instructor: Bob Schutz

26-6A Permit Required Confined Space Entry
8:00 am to 12:00 pm   4 Hours Non-Code Credit
This is a non-code credit class. Johnson County contractors may apply up to four hours of non-code credit to relicensing. This course covers OSHA’s guidelines concerning confined space areas. OSHA General Industry Standard 1910.146 and OSHA Construction Standard 1926 Subpart AA requires employers to develop and implement a comprehensive program to minimize risk when working in confined spaces. This course is designed to increase your knowledge of hazards associated with confined space entry. Topics include permit-required confined space hazards, entry procedures, ventilation requirements, personal protective equipment, and permit system. In addition, attendees will learn how to properly set-up confined space entry equipment, don full body harness, retrieve systems, respirators (if needed). Finally, attendees will learn how to properly operate and use various testing instruments as well. This course is designed for most contractors, safety personnel, supervisors, or anyone required to perform confined space entry operations at work.
Instructors: Scott Reese and Jerome Lickteig

26-6B Fall Protection
8:00 am to 12:00 pm   4 Hours Non-Code Credit
This is a non-code class. Johnson County Contractors may apply up to four hours non-code credit to license renewal. This course covers OSHA’s guidelines concerning fall protection. OSHA Construction Standard 1926 Subpart M ‘Fall Protection’ requires employers to identify fall protection hazards at job sites. Employers are required to identify conventional methods of fall protection, fall arrest requirements, use of lifelines in fall arrest systems, non-conventional solutions for fall systems and the development of training for their employees. This course is designed to increase your knowledge of hazards associated fall hazards and how to properly address them. Topics include how to identify fall protections hazards, identify protective methods, how to use various fall protection equipment, assess compliance of fall arrest systems, identify non-conventional solutions. In addition, attendees will learn how to properly set-up warning lines, controlled access zones, and development of fall protection plans. This course is designed for safety personnel, supervisors and those working in areas where there are potential fall hazards.
Instructors: Scott Reese and Jerome Lickteig
8:00 am to 5:00 pm  8 Hours A, B, C, DE Code Credit
This course provides in-depth overview and instruction into the 2011 NEC requirements of Article 517, and related NEC Articles as they pertain to the electrical provisions for health care facilities. Attendees will gain exposure, valuable insight and become familiar with the NEC’s seven parts of Article 517 which include provisions for health care facility electrical general requirements, definitions, wiring and protection, essential electrical systems, inhalation anesthetizing locations, X-Ray installations, communications, signaling and fire alarm systems, and isolated power systems. While utilizing presentation instruction material developed by the International Association of Electrical inspectors, attendees will have exposure to authoritative information on health care facility electrical installations and requirements. Health care facility electrical installations will generally require compliance with electrical provisions contained within NFPA’s document 99-2012, the ‘Health Care Facilities Code’ recognized as establishing criteria to minimize hazards associated with electricity within health care facilities. While NFPA 99-2012 introduction and compliance will be addressed as appropriate during the day’s training, instruction is centered on the in depth overview of the NEC’s Article 517 and other applicable NEC requirements. This training is well suited for electrical contractors, craftsmen, design professionals, enforcement, plan reviewers, and anyone in need of expanding their understanding and comprehension of healthcare facility electrical requirements.
Instructor:  Mike Weaver

Tuesday, October 27, 2015

27-1A 2012 IBC Penetrations, Joints, and Dampers
8:00 AM to 5:00 PM  8 Hours A, B, C Code Credit
This course discusses the details and requirements for dampers, penetration firestops and joint systems. 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. The discussion will include an examination of the concepts, testing, and installation methods of these systems, as well as where each of the systems is required by the code. You will learn how the code uses smoke-resistant assemblies to limit the spread of smoke within a building and how they mitigate dangers to the occupants. We will discuss how openings or penetrations of the rated assemblies have the potential to reduce the assembly’s performance. This course will focus on the protection provided by dampers, penetration firestops, and joint systems to ensure the building and occupants are adequately protected. This class will be of greatest interest to Class A and B contractors, building designers, inspectors, and plan reviewers.
Instructor:  Jay Woodward

27-2A Exterior Wall Construction
8:00 am to 12:00 pm  4 Hours A, B, C, DW Code Credit
During this information packed class, your instructor, an experienced building inspector, plan reviewer, and framer will lead you through a detailed examination of the 2012 IRC’s requirements for exterior wall construction. You will learn about the general requirements found in Chapter 3 as well as those detailed requirements in Chapter 6 and 7 of the code for one- and two-family dwellings. Class C and DW framing contractors will want to be sure to be the first to take this new class, but Class A and B contractors will get two-hours of code credit, as will building inspectors and designers.
Instructor:  Russ Thornburg

27-2B Accessory Structures
1:00 pm to 5:00 pm  4 Hours A, B, C, DW Code Credit
During this class, your instructor, an experienced framer, inspector, and Johnson County plans examiner will take you from the start to finish of assessor building construction under the 2012 International Residential Code. You will learn the code requirements for building decks, as well as detached accessory buildings such as garages, shade structures, and gazebos. Particular attention will be devoted to the Johnson County Building Official’s Association endorsed “Deck Design and Construction Guidelines” document. This class is designed for Class C and DW framing contractors, as well as building inspectors, but it will also provide code credit to Class A and B contractors.
Instructor:  Russ Thornburg
27-3A Brace for the Worst-Wall Bracing Methods and Procedures  
8:00 pm to 12:00 pm   4 Hours A, B, C, DW Code Credit  
This class is intended to provide Class C and DW framing contractors, as well as building inspectors, an accurate understanding of the 2012 International Residential Code requirements for braced wall panel construction. During this half day class attendees will learn to use the text and tables found in the wood wall construction provisions of chapter 6 of the 2012 International Residential Code. Your instructor, an experienced building inspector, expert in the code’s requirements will provide attendees the tools they need to master the requirements of the IRC Section R602.10 through R602.12 braced wall provisions. While DW and Class C contractors who do their own framing, and residential building inspectors will benefit most from the presentation, plan reviewers, architects, and engineers who are building or inspecting single-family dwellings or duplexes will also find this class useful. Class A and B contractors who construct light gauge wood frame structures will find this code credit class relevant.  
Instructor: Dave Utterback

27-3B How to Fail your Next Rough-In  
1:00 pm to 5:00 pm   4 Hours A, B, C, DE, DM, DP, DW Code Credit  
This session provides contractors, designers and code enforcement officials with the needed information to determine if the minimum requirements for wood wall framing set forth in the new 2012 International Residential Code have been met. Many of the most common framing errors will be covered in this 4-hour program. Not all problems have an easy solution; engineering may be required. Non-engineered solutions will be presented where possible. This class will be of greatest interest to Class C and framing contractors, but roofing, electrical, plumbing, and mechanical subcontractors working in wood framed structures, as well as building inspectors will find this class very useful. This course will also provide code credit to Class A and B contractors.  
Instructor: David Utterback

27-4A CSST Installation Bonding and Certification  
8:00 am to 12:00 pm   4 Hours A, B, C, DM, DP, DS Code Credit  
CSST, the polyethylene sleeved, flexible gas piping has several advantages over other gas piping materials, but up-to-date knowledge about the current installation requirements is critical for plumbers, mechanical contractors, and building inspectors. During this class we will study the manufacturer’s installation requirements, the code’s requirements, appropriate applications, and the requirements of local serving utilities, with special focus on the required bonding requirements of the code and the manufacturer. If you have not taken a CSST class in the past few years, now is the time to up-date your skills and knowledge. This class is designed for Class DM, DP, and DS contractors, and building inspectors, but it will provide credit for Class A and B contractors.  
Instructor: Mack McClain and Associates

27-4B Water Heaters  
1:00 pm to 3:00 pm   2 Hours A, B, C, DP Code Credit  
During this course your instructor will provide you with information on the latest water heating equipment, while providing the tools necessary to best determine what technology best serves the end user. During this training, you will be able to discuss future innovations and where your instructor sees the code and energy authorities are leading us in the future. This class will be of greatest interest to DP plumbing contractors, but will also provide code credit and important information to Class A, B, and C contractors.  
Instructor: Mack McClain and Associates

27-4C Backflow 101  
3:00 pm to 5:00 pm   2 Hours A, B, C, DP, DS Code Credit  
Backflow prevention provides protection for drinking water from contamination through cross-connection. During this class we will provide an overview and for many, a review of both the code requirements and the technology associated with safeguarding potable water systems from the deadly consequences of cross-connection. This class is designed for Class DP plumbing contractors, DS swimming pool contractors, as well as building inspectors, but it will also provide code credit for Class A and B contractors.  
Instructor: Mack McClain and Associates
8:00 am to 12:00 pm    4 Hours A, B, C, DM, DS Code Credit
This seminar will review the mechanical requirements of the 2012 International Residential Code. The details discussed during this class will enhance your understanding of mechanical terminology, equipment, materials and methods of installation as related to residential construction as found in the 2012 Edition of the International Residential Code. While this seminar conducts an overview of the mechanical provisions found in the residential code we will pay particular attention to changes from past editions. Your instructor, an experienced mechanical inspector who holds master certification, will also discuss how to be successful in the residential mechanical inspection process.
Instructor: Bob Schutz

27-5B 2012 International Mechanical Code Update
1:00 PM to 5:00 PM    4 Hours A, B, C, DM, DS Code Credit
This seminar will focus on the critical concepts required for mechanical installations in accordance with the 2012 International Mechanical Code. Understanding what has changed in the 2012 International Mechanical Code and what inspectors will be looking for in the field will help you make sure your installations receive passing inspection results. While this will be of greatest interest to Class DM and DS contractors, and building inspectors, it will provide code credit and valuable knowledge for Class A and B contractors. Taught by one of ICC’s most versatile and engaging presenters, this is a great way to get your required code credit while you brush up on the fundamentals of the 2012 International Mechanical Code.
Instructor: Bob Schutz

8:00 am to 12:00 pm    4 Hours A, B, C, DM, DP Code Credit
The 2012 IECC with jurisdictional modifications has been in effect for going on 3 years. This class will look at what is required and what best practices dictate to implement the requirements of the code in single-family dwellings. The class will cover the basics for those re-entering the new home building market, but will also interest builders familiar with the code’s requirements who want to dive deeper into issues resulting from the construction of tighter homes. We will discuss the modifications local jurisdictions have adopted. This class will be of greatest interest to Class C residential contractors, but will also provide code credit for Class A, B, DM, and DP contractors.
Instructor: Bruce Chyka

27-6B Kitchen and Bathroom Remodeling in the 2012 International Residential Code
1:00 am to 5:00 pm    4 Hours A, B, C, DE, DM, DP, DW Code Credit
Let an experienced remodel contractor lead you through the complexities of residential kitchen and bathroom remodeling jobs. Based on the requirements of the International Residential Code, used by jurisdictions throughout Johnson County, you will learn a systematic approach to this increasingly complicated art and science of kitchen and bathroom remodeling. Learn from an expert not just what is required by the code, but common pitfalls. We will consider not just the building based requirements, but also requirements driven by the plumbing, mechanical, and electrical provisions of the code. This class will be of greatest interest to Class C contractors, remodeling contractors, building inspectors, and plan reviewers, but Class A, B, DE, DP, DM and DW sub-contractors working in residential remodeling will find value.
Instructor: Charlie Blair

27-7A Article 680 Electrical Provision for Swimming Pools, Spas, and Hot Tubs
8:00 am to 5:00 pm    8 Hours A, B, C DE, DS Code Credit
This course provides an in-depth overview of the 2011 NEC® requirements of Article 680, and related Articles as they pertain to swimming pools, spas, hot-tubs, hydromassage bathtubs, and fountains. 2014 NEC Updates, relevant to the day’s training, will be addressed as appropriate. Additional emphasis is placed on the requirements for grounding and bonding of these specific installations. Utilizing PowerPoint instruction, and attendee handout material, this training will provide insight and clarity into the NEC® compliance requirements for structures and equipment associated with these types of in-
This course is well suited for designers, installers contractors, electrical craftsmen, and enforcement who may be involved in the approval or construction of such governable bodies of water, and their surroundings, which can be impacted by the NEC’s® Article 680. Due to the emphasis on grounding and bonding, this course is also well suited for non-electrical pool, spa, hot-tub, and fountain contractors and installers.

Instructor: Mike Weaver

**Wednesday, October 28, 2015**

**28-1A High Performance Energy Efficient Homes**
8:00 am to 12:00 pm  4 Hours A, B, C, DM, DR, DW Code Credit
During this course attendees will get an overview of the building science principles of heat, air and moisture flow and how they impact dwellings. This session will help building professionals understand how to implement energy efficient measures in their construction. We will discuss framing practices and advanced framing techniques. We will consider how improving ductwork, heat flow, and return air vents can improve energy efficiency and comfort. We will de-mystify blower door readings and HERS scores. This class will provide code credit for Class A, B, C, DM, and DR contractors, but should also be of interest to inspectors and architects.

Instructor: Justin Wilson

**28-1B Solar Thermal Energy in the Codes**
1:00 pm to 5:00 pm  4 Hours Code Class A, B, C, DM, DP, DS Code Credit
The course will familiarize students with national codes and standards through the study of the International Code Council’s 2015 International Solar Energy Provisions. This book brings together in one, easy to use format all solar energy provisions found in the 2015 I-Codes for solar thermal energy projects. Students will explore code requirements for the different types of collectors, systems, components, and materials used in solar heating systems and discuss their appropriate applications. This class will provide code credit for Class A, B, C, DM, DP, DS contractors, but will be of interest to design professionals, inspectors and plan reviewers.

Instructor: Shawn Martin

**28-2A Residential Roof Construction and Assemblies**
8:00 am to 12:00 pm  4 Hours A, B, C, DR, DW Code Credit
This course will provide attendees with an overview of the roofing, reroofing, and roof construction requirements found in the 2012 Edition of the International Residential Code. While the application of low-slope roofs will be discussed, as will the use of manufacturer's installation instructors and evaluation reports, we will have an opportunity to review and discuss the changes to the 2012 code provisions regarding roof drainage systems, roof covering underlayment in high wind areas, and rooftop structures. We will also examine the code requirements regarding roof gardens, landscaped roofs, and photovoltaic systems and how the codes are interwoven. Although this will be of greatest interest to Class DR, A, and B contractors, Class C contractors will also receive code credit for attendance.

Instructors: Russ Thornburg

**28-2B Fire-Resistive Residential Construction**
1:00 pm to 5:00 pm  4 Hours A, B, C Code Credit
This course deals with the application of 2012 IRC Chapter 3 as related to the construction and protection of rated horizontal and vertical assemblies. The topics covered include understanding the differences between wall, floor, floor/ceiling, and roof/ceiling assemblies, as well as the protection requirements for openings in each of the separate elements. Additional discussion will look at the test standards used to evaluate the assembly and protection systems and how those protection systems are limited or could be compromised if not installed as tested. This course will be of greatest interest to Class C contractors, as well as building inspectors, plan reviewers, and design professionals, but Class A, and B contractors will receive code credit.

Instructor: Russ Thornburg
28-3A Truss Basics
8:00 am to 12:00 pm   4 Hours A, B, C, DW Code Credit
If you use roof or floor trusses in your construction project or are a framing contractor and have not taken this class, now is the time to do so! If it has been a while since you took a truss class, get back to the basics with this course. This is a great introduction to the requirements of the component construction industry. We will discuss truss design, installation best practices, temporary and permanent bracing, and application information. This will bring together industry experts and designers to provide you with a fact-filled overview of building with trusses. It is designed for Class A, B, C, and DW framing contractors, as well as building inspectors, plan reviewers, architects, and engineers.
Instructors: Scott Miller, PE and Missouri Truss Fabricator’s Association

28-3B Truss Submittal Success
1:00 pm to 3:00 pm   2 Hours A, B, C, DW Code Credit
Have you had problems during the plan review process with your truss document submittals? Have there been times when you have had your truss document revisions not been approved? Have you wondered how to negotiate the building inspection plan review process successfully, the first time? This class will teach attendees about all aspects of the truss document package and how to get the truss documents commonly included in the truss documentation package approved first time! Intended for Class A, B, C, and DW, as well as architects and engineers will find it interesting and enlightening.
Instructors: Scott Miller and Missouri Truss Fabricator’s Association

28-3C The True Cost of Truss Issues
3:00 pm to 5:00 pm   2 Hours A, B, C, DP, DM, DE, DW Code Credit
There are almost as many ways to damage a truss as there are types and shapes of trusses. Trusses can be damaged during transit, when they are dropped on site, or more frequently than not, by improper handling on site or by trade practitioners during construction of the building. What is the correct way to deal with damaged trusses? What is involved in repairing a truss? What will the building inspector expect you to do? Specifically, what is the actual cost of engineering, repair labor, time lost? Save time, save money; learn how to avoid costly truss repairs. This class will be of interest to anyone who works with or around trusses, including Class A, B, C, DW contractors, as well as plumbers, mechanics, and electricians.
Instructor: Scott Miller and Missouri Truss Fabricators Association

28-4A PEX Fire Protection Sprinkler Systems
8:00 am to 10:00 am   2 Hours A, B, C, DF, DP Code Credit
Although residential sprinkler systems are not required in Kansas jurisdictions in new home construction, they are required in some critical situations. Jurisdictions which have adopted the 2012 International Residential Code, Section R501.3 fire protection of floors or which have R-3 Care Facilities are increasing seeing the use of fire protection systems in new and existing dwellings. Cross-linked Polyethylene (PEX) R2904 compliant systems are one of the most cost effective methods of providing fire protection. But how should they be installed and inspected. This class will provide an overview of the product use and installation requirements, based in the 2012 International Residential Code and manufacturer’s installation standards. This class will be of greatest interest to Class C, DF, and DP contractors, building inspectors, plan reviewers, and architects, but will provide code credit for Class A and B contractors also.
Instructor: Bob Schutz

28-4B Trenching and Backfilling
10:00 am to 12:00 pm   2 Hours A, B, C, DP Code Credit
Increasingly, we are seeing damage to and failures of under slab plumbing drain, because they are not properly trenched, bedded, or when necessary, suspended. When a system fails, the cost for repair and mitigation can be extremely high for builders, plumbing contractors, and home or business owners. During this course we will discuss the requirements of the International Plumbing Code and the International Residential Code for trenching and backfilling in an effort to end the problems caused by failure. Designed for A, B, C, and DP contractors and building inspectors.
Instructor: Bob Schutz
28-4C Indirect Waste, Grease Interceptors, and Separators  
1:00 am to 5:00 pm  Class A, B, C, DP Code Credit  
The provisions of Chapter 10 of the 2012 International Plumbing Code govern the materials and installation of traps, interceptors, and separators. During this class your instructor will explain the design requirements and installation criteria for interceptors and separators. He will provide examples and discuss when they are required. In addition the class will look at the code’s requirements in Chapter 8 for methods of discharging waste from a fixture into the sanitary drainage system to prevent backflow and contamination. This class is for Class DP plumbers, but Class A, B, and C contractors will receive code credit for attendance.  
Instructor: Bob Schutz

28-5A Carbon Monoxide Safety in Your Community  
8:00 am to 12:00 pm  4 Hours A, B, C, DM, DP Code Credit  
Who is responsible for the air you breathe on the job or anywhere else, for that matter? What do you know about CO (carbon monoxide)? We have all been carbon monoxide poisoned to some degree and likely will be again. We are a combustion culture and we can expect CO to be produced often and from a variety of sources. If you doubt this, you have not been measuring carbon monoxide. Our discussions will include:
- The buildings and other places where carbon monoxide may be found.
- How CO becomes a hazard and harms us.
- The “normal” levels of CO.
- How much CO is too much.
- What does CO poisoning feel like.
- How we can check for low levels of CO poisoning.
- How to use a low-level CO detector.

Awareness may be a matter of life or death – did low level CO exposure trigger heart stress? What is the connection between the air we breathe, combustion and CO. Are we protecting ourselves from carbon monoxide? Attendees will receive a CO Experts brand, low-level CO detector, as well as training on how and when to use it.  
Instructor: Bob Dwyer

28-5B Combustion Analysis for Fuel Burning Systems  
1:00 pm to 5:00 pm  4 Hours A, B, C, DM, DP, DS Code Credit  
This seminar will be useful for all technicians who are responsible for installation, maintenance or servicing of combustion heating equipment. We will discuss:
- Controlling fuel from the source thru burner orifices.
- Verifying proper fuel and air input.
- Diagnosis of flue gases in residential and commercial environments.
- Testing procedures and interpretation.
- What is draft and why it is important.
- Controlling draft and combustion.
- Flue gas emissions and compliance standards.
- How to avoid conflicts between the equipment, the building, and the technician.
- Building influences on equipment performance.
- Prove what you did and the need for documentation.

Intended for Class DM, DP, and DS contractors seeking code credit, this class should also be of interest to home and building inspectors.  
Instructor: Bob Dwyer

28-6A 2012 IBC Allowable Heights and Areas  
8:00 am to 12:00 pm  4 Hours A, B, C Code Credit  
Based on the provisions of the 2012 International Building Code Chapter 5, this seminar focuses on how a building’s occupancy classification and type of construction relate to the maximum building size permitted by the code. The approach to determining a building’s maximum allowable height and area is explained, including use of Table 503 and all related permitted increases due to sprinkler protection and frontage open space. Detailed provisions related to mezzanines and unlimited area buildings are
also addressed. This class will be of greatest interest to Class A and B contractors, architects, and plans examiners, but Class C contractors who understand this does not apply to one- and two-family dwellings will find it interesting and receive code credit.

**Instructor:** Doug Thornburg

**28-6B  2012 IBC Mixed Occupancies**

**1:00 pm to 5:00 pm**  
4 Hours A, B, C Code Credit

Based on the provisions of IBC Section 508, this seminar addresses those special requirements applicable to buildings containing two or more occupancy classifications. The three mixed-occupancy options are presented along with examples and exercises that illustrate the proper application of the provisions. We will discuss occupancy classifications, mixed occupancy conditions, accessory occupancies, separated and non-separated occupancies, as well as multi-story conditions. This class will be of greatest interest to Class A and B contractors, architects, building inspectors and plans examiners, but Class C contractors who understand this does not apply to one- and two-family dwellings will find it interesting and receive code credit.

**Instructor:** Doug Thornburg

**28-7A  Adaptive and Universal Remodeling**

**8:00 am to 12:00 pm**  
4 Hours A, B, C, DE, DP, DM Code Credit

How can you develop a remodeling business specializing in one of the most dynamic growth market segments of the residential remodeling market? Consider universal and adaptive remodeling. Once considered a threat to the marketability of a home, home improvements for the aging in place market, families with children, and people with disabilities, constructed using universal design techniques can now be an asset. Universal and adaptive design offers home improvements that are designed to look like integral features of a home as opposed to looking like an afterthought. Modifications become safety features, rather than afterthoughts. Learn how to design for all ages and abilities. We will discuss the requirements of universal design which allow the elderly, young homemakers, children, and the disabled to live in a safer and more usable residential environment. This class will be of primary interest to any residential remodeling contractor.

**Instructor:** Charlie Blair

**28-7B  Variable Frequency Drive Technology**

**1:00 pm to 5:00 pm**  
2 Hours DE, DP, DM Code Credit

Variable-frequency drive (VFD) is a type of adjustable-speed drive used in electro-mechanical drive systems to control AC motor speed and torque by varying motor input frequency and voltage. They are used in applications ranging from small appliances, to liquid pumps, and compressors. They are finding increasing use in a variety of industries and trade disciplines. This class will provide an overview of the technology, applications, as well as programming basics. Although this class is intended for DE electrical contractors, DM and DP contractors will find it useful. Class A, B, and C contractors will also receive code credit for attendance.

**Instructor:** Joe Nelson

**Thursday, October 29, 2015**

**29-1A  ADA for Contractors**

**8:00 am to 12:00 pm**  
4 Hours A, B, C, DE, DM, DP, DW, DS Code Credit

This half-day program will study the prominent changes in the 2010 Americans with Disability Act and Architectural Barriers Act Accessibility Guidelines (ADAAG/ABAAG). Featuring many new interpretations since the presentation last spring, this class will focus on the guidelines adopted by the Department of Justice on July 26, 2010. This training will cover scoping and technical requirements for accessibility to buildings and facilities by individuals with disabilities under the Americans with Disabilities Act (ADA) of 1990. This highly interactive and concentrated course is intended to cover the most significant changes in the ADAAG. The training will explore the noteworthy harmonization and differences between the new federal regulations and ANSI A117.1, as well as the applicable provisions of the International Building Code. This training is not being provided by the International Code Council. This advanced curriculum is for Class A, B, DE, DM, DE, DW, and DS contractors, architects, as well as inspection professionals with an interest in accessible design.
Instructor: Rich Sternadori

**29-1B Beyond ADA Standards: Civil Rights Regulations That Impact Accessible Design**  
1:00 pm to 5:00 pm  
4 Hours A, B, C, DE, DM, DP Code Credit

The first part of this program provides context regarding the national ADA network. The course then examines the regulatory setting in which the standards and modern building codes are developed, harmonized and promulgated. Part three of the training studies the lesser known concepts of the ADA which are not found in the 2010 ADA Standards, but which have significant impact on accessible design, contract and project management. More specifically, this program is a concept and case study, examining the ADA requirements for State and Local government, as well as self-evaluation and transition plans that are not normally provided in design training. These requirements have enormous potential for errors and omissions when designing for schools, or other state and local government agencies. This class will be of greatest interest to Class A, B, DE, DM, and DP contractors, architects, plans examiners, and building officials, but will provide code credit for Class C contractors who understand this has nothing to do with one- and two-family dwelling construction.

Instructor: Rich Sternadori

**29-2A ACI 318 Building Code Requirements for Structural Concrete**  
8:00 am to 9:00 am  
1 Hour A, B, C Code Credit

The American Concrete Institute, publisher of the Building Code Requirements for Structural Concrete, will soon publish the first major reorganization of ACI-318 since 1971. We will first see the reorganized document referenced in the 2015 editions of the codes. This one hour class, taught by an engineer, President of the Kansas Chapter of ACI, will provide an excellent introduction to ACI-318-14 and is intended to assist in industry’s transition to the new document. This class will be of interest to and provide code credit to Class A, B, and C contractors. Concrete sub-contractors, inspectors, plan reviewers, architects, and engineers will also find this one-hour class of great value.

Instructor: Larry Taber, P.E.

**29-2B Steel Fiber Reinforcement in Concrete**  
9:00 am to 10:00 am  
1 Hour A, B, C Code Credit

During this one-hour course, members of the Concrete Promotional Group, engineers, contractors, and industry experts will discuss the properties, applications, and advantages of one of the most innovative, but least understood products in the concrete marketplace. We are beginning to see more and more usage of this reinforcing methodology, so let's find out what the experts say. This class will be of interest to Class A, B, and C contractors, building officials, inspectors, concrete contractors, architects, and engineers.

Panel Members: Dan Bromley, Jay Middleton, Clayton Hess, P.E., Steve Mauton

**29-2C Focus on Curing Concrete**  
10:00 am to 12:00 pm  
2 Hours A, B, C Code Credit

This course is a two-part dive into concrete curing. The Concrete Promotional Group is launching a one-year, intensive push across Kansas City called “The Year of the Cure for Durable Concrete”. This class is the first of many to be conducted over the next year which will focus on how curing, one of the most critical steps but frequently overlooked in developing durable concrete. The first part is a basic overview of the concrete hydration process and why curing is so important, while the second part reviews the basics of curing concrete in extreme hot and cold weather environments. The extremes have specific effects on the curing and have different needs to making sure the concrete you place has a chance in surviving! This class will provide code credit for Class A, B, and C contractors, but will be of interest to engineers, architects, building inspectors, and plan reviewers.

Instructor: David Suchorski, P.E.

**29-2D Design, Construction, and Durability Comparison of Stone Cladding**  
1:00 PM to 5:00 PM  
4 Hours A, B, C, Code Credit

This class will begin by addressing the use of natural and simulated stone cladding in residential and commercial construction. This will be of particular interest to Class A and B contractors, masonry subcontractors, engineers, architects, and building inspectors. We will focus on proper design, detailing and installation of stone cladding and trim elements, as well as how to avoid problems with water inflit-
tation and long term durability. Case studies of proper and improper use of stone systems will be in-
cluded. During the second half of the class, we will consider the use and long term durability of cast
stone compared to limestone construction. We will discuss the pros and cons of each product and
conduct a primer on the fabrication of cast stone, discussing how the method of fabrication affects the
properties and long term durability of that material. Then a side-by-side comparison of the properties
and characteristics of both materials will be presented, including differences in initial design and test-
ing protocols, fabrication and erection, failure modes, long term durability, and maintenance require-
ments. Finally we will examine of the differences in initial and long term costs of the two materials.
Instructor: Thomas Rewerts, S.E.

29-3A Builder's Guide to Truss Information
8:00 am to 12:00 pm        4 Hours A, B, C, DW, DR Code Credit
Learn about truss installation from one of our most  experienced and respected light wood frame con-
struction experts. During this half-day class, attendees will learn about installations of floor and roof
trusses from an inspector and plan reviewer. Your instructor will explain what parts of the truss docu-
ment details are important for builders and framers to know. He will talk about beams, bearing points,
and hold-downs. The discussion will examine the importance of temporary and permanent bracing.
You will learn about draft stopping, blocking, fire-rating, and protection of trusses. This class is intend-
ed for Class A, B, C, and DW framing contractors, but architects, engineers, building inspectors, and
plan reviewers will want to hear what this expert thinks we all need to know about truss installation.
Instructor: Dave Utterback

29-3B Deck Construction in the 2012 International Residential Code
1:00 pm to 5:00 pm        4 Hours A, B, C, DW Code Credit
This session will provide Class C contractors, designers, building inspectors, and plan reviewers with
the information needed to determine if the minimum requirements for deck construction set forth in the
2012 International Residential Code and the most recent revision of the Johnson County Deck Design
and Construction brochure have been met. Participants will learn:
- The mechanics of wood used in deck construction
- How to size joists, beams, posts, and piers
- Proper specification and use of fasteners
- How to draw construction and plot plans for permitting process
While this course is aimed at Class C and DW contractors, but Class A and B contractors will find the
instruction interesting and receive code credit for the class.
Instructor: Dave Utterback

29-4A Moisture Management in Multi-Family and Residential Construction
8:00 am to 10:00 am        2 Hours A, B, C, DW, DR Code Credit
The goal for a building’s design is that it must be durable, efficient, comfortable and safe; and moisture
represents the greatest threat to sustained achievement of these goals. Failures associated with mois-
ture intrusion and poor moisture management contribute to a staggering $9 billion spent by the Con-
struction Industry each year on construction defects. Our objectives during the presentation are:
- Explain the impact moisture has on building durability.
- Define the mechanics of moisture movement within a building.
- Contemplate common design and installation defects.
- Consider ways to alleviate moisture intrusion with plan details and specifications.
- Discuss the ASTM E2112 methods for flashing openings.
Intended for Class A, B, C, DW, and DR contractors, this course will be of interest to designers, engi-
neers, building inspectors, and plan reviewers.
Instructor: Ian Daniels

29-4B Cellulosic Fiber Board for Sound Control
10:00 am to 12:00 pm        2 Hours A, B, C, DW Code Credit
For over 100 years, Homasote has been recognized as one of the most versatile sound attenuating
building products. During this two hour course you will learn how this exceptionally environmentally
responsible, recycled product is finding a loyal following among builders and designers for it's extraordinarily resilient applications for sound transmission control. This class will be of interest to Class A, B, C and DW framing contractors, architects and engineers who want to learn how to use the product in floor and wall assemblies where mitigating sound transmission is critical.

**Instructor:** Greg O'Driscoll

29-4C **Material Options for Guardrails and Handrails**

1:00 pm to 3:00 pm  
2 Hours A, B, C, DW Code Credit

We are used to wood and metal guardrails and handrails in the general marketplace, but we have options which meet the standards for structural capacity and exceed traditional material in terms of durability. This class will explore some of those options and help attendees determine appropriate materials for specific projects. We will compare the advantages and limitations of each type of railing system, while considering cost and aesthetics of various products. This class is intended for Class A, B, C, and DW contractors, as well as architects, building inspectors, and plan reviewers.

**Instructors:** Gary Kauffman and Tom Harley

29-4D **Using Unit Skylights to Daylight Buildings**

3:00 pm to 5:00 pm  
4 Hours A, B, C Code Credit

This class will explain the benefits of providing residential and commercial buildings with skylights and how they can most effectively be used to meet the light and energy efficiency requirements of the codes. You will learn about health impacts, ergonomic, and economic benefits of daylighting. You will learn about the benefits of top lighting in terms of improved quality of light and energy savings. We will examine design considerations including lighting controls and energy analysis. This class will be of interest to residential and commercial contractors, as well as architects.

**Instructor:** Wasco Skylights

29-5A **2012 International Fuel Gas Code Overview**

8:00 am to 12:00 pm  
4 Hours A, B, C, DM, DP Code Credit

While lately we have focused on the venting provisions of the International Fuel Gas Code, we must remember it also regulates the requirements for gas piping installations. Refresh your gas pipe sizing skills during this four-hour class devoted to an overview of the 2012 International Fuel Gas Code. While it is designed for Class DM and DP plumbing and mechanical contractors, Class A, B, and C contractors with also earn code credit, as will building inspectors who want to brush-up on their knowledge of fuel gas piping.

**Instructor:** Bob Schutz

29-5B **Kitchen Hoods**

1:00 pm to 3:00 pm  
2 Hours A, B, C, DF, DM Code Credit

This course will examine Chapter 5 of the 2012 International Mechanical Code, with a focus on the numerous changes in Section 506, Commercial Kitchen Hood Ventilation System Ducts and Exhaust Equipment. We will discuss Type I hoods and ducts, grease duct systems, and cleanouts. In addition, we will examine the requirements of shaft enclosures. This class is intended for Class DM mechanical contractors and building inspectors, but Class A, B, and C contractors will also receive code credit for attending.

**Instructor:** Bob Schutz

29-5C **Ceiling Radiation Dampers**

3:00 pm to 5:00 pm  
2 Hours A, B, C, DM Code Credit

Ceiling radiation dampers protect duct penetrations and air transfer openings in assemblies requiring protection. During this course, you will learn what the 2012 International Mechanical Code Section 607 requirements are for the installation of ceiling radiation dampers in drop-in ceiling systems. We will discuss their function, use in fire-rated assemblies, and how they are rated. This class is intended for Class DM mechanical contractors and inspectors, but will provide code credit for Class A and B contractors, as well as Class C contractors who understand the technology does not apply to one- and two-family construction.

**Instructors:** Bob Schutz and Rich Walke
29-6A Compliance 101: An Overview of Labor Laws for Construction
8:00 am to 10:00 am    2 Hours Non-Code Credit
This is a non-code credit class. Johnson County contractors may not apply more than 4 hours of non-code credit to license renewal. Construction contractors are faced with costly penalties, potential debarments, lost production time, prison sentences and a negative public image for violating any of the myriad of labor laws they are required to comply with, such as Davis Bacon, Prevailing Wage, general Wage & Hour, misclassified workers, and trafficking of workers. Why is compliance with certain laws important to your bottom line? How can you achieve it? Participants receive an overview and basic understanding of which labor laws contractors need to be aware. Attendees should leave with an understanding of how compliance benefits your bottom line, and how you achieve it voluntarily. All Class A, B, C, and D contractors who have employees need to attend this seminar, led by the metro area’s labor law expert.

Instructor:  Colleen White

29-6B Wage and Hour Essentials: Frequently Asked Wage and Hour Questions
10:00 am to 12:00 pm   2 Hours Non-Code Credit
This is a non-code credit class. Johnson County contractors may not apply more than 4 hours of non-code credit to license renewal. Employers who violate federal and state wage and hour laws pay costly penalties, and experience potential debarments, lost production time, court involvement and a negative public image. Participants are provided a basic overview of their requirements under the federal Fair Labor Standards Act, plus those under Kansas and Missouri’s Wage & Hour (continued on next page) Laws. Wage payments, minimum wage, dismissal rights, termination rights, and other workplace standards are covered. Attendees should leave with an understanding of how to apply federal and state wage and hour laws to their businesses to meet voluntary compliance and stay profitable. This seminar will be of great importance to all Class A, B, C, and D contractors who have employees.

Instructor:  Colleen White

29-6C Worker Misclassification: Using Independent Contractors the Right Way, the Wrong Way, and Knowing the Difference
1:00 pm to 3:00 pm    2 Hours Non-Code Credit
This is a non-code credit class. Johnson County contractors may not apply more than 4 hours of non-code credit to license renewal. The “1099” worker is now a staple in many employment venues. However, many of those uses are illegal. Kansas and Missouri have new laws specifically targeting use of misclassified workers. Employers that violate independent contractor laws pay costly penalties, and experience potential debarments, lost production time, prison sentences and a negative public image. Participants learn how to legally use independent contractors, and how to avoid violations of tax, unemployment, and prevailing wage laws. A brief introduction to Human Trafficking is also provided. If you are a Class A, B, C, or D contractor who employs 1099 workers, you need to attend this class.

Instructor:  Colleen White

29-6D How to Survive an Audit: Surviving and Avoiding Federal and State Labor Audits
3:00 pm to 5:00 pm   2 Hours Non-Code Credit
This is a non-code credit class. Johnson County contractors may not apply more than 4 hours of non-code credit to license renewal. Do you know what to do if the federal or state department of labor notifies you that you will be audited? How do you prepare? How do you avoid being audited in the first place? Participants learn how to prepare for an audit, what paperwork you should have readily available, and what types of questions will be asked. A review of the types of scenarios that trigger audits and how to avoid them is also covered. This seminar will be of importance to Class A, B, C, and D contractors who have employees.

Instructor:  Colleen White

29-7A Preparing for Residential Electrical Inspections
8:00 am to 5:00 pm   8 Hours A, B, C, DE Code Credit
This course is an overview of the electrical requirements for one-and two-family dwellings. Intended for Class DE contractors and building inspectors, the course will provide Class A, B, C contractors
with eight-hours of code credit. The class follows coursework developed by the International Association of Electrical Inspectors (IAEI). The class work is extensive and detailed covering box fill, branch circuits, outlet, GFCI and AFCI requirements, as well as the multitude of other applicable code compliance issues. Grounding, bonding, and overcurrent protection, as well as wire size coordination is covered in the service portion of this class. The coursework, IAEI's 8th edition book "One and Two Family Dwelling Electrical Systems, is well suited for all participants interested in the electrical requirements for one or two family dwellings.

**Instructor: Mike Weaver**

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**Friday, October 30, 2015**

**30-1A Johnson County Certified Erosion and Sediment Control Inspector Certification and Recertification Training**

*8:00 am to 5:00 pm*  
8 Hours A, B, C, DE, DM, DP, DR, DS, DW Code Credit

Federal, State, and City regulations require the use of adequate erosion and sediment control best management practices and require them to be maintained for the duration of projects, to protect water quality and minimize the potential of sediment from entering our streams. We will survey state and local requirements, engineering standards, and specifications, while covering the proper selection and maintenance of BMPS, construction sequencing, how to conduct an inspection, updating your SWPPP, proper documentation, and record keeping. Don’t be caught by surprise the next time the regulators visit your site; the information you learn in this class can save you time and money. Class A, B, and C contractors, anyone in the construction or development industries, including all Class D sub-contractors, planners, engineers, and building inspectors involved with NPDES Phase II implementation will want this training and certification. This class qualifies as the tri-annual recertification class for current Certified Johnson County Erosion and Sediment Control Inspectors. You must take the test to get credit for the class.

**Instructor: Shirley Morrow**

**30-2A Residential Energy Provisions**

*8:00 am to 5:00 pm*  
8 Hours A, B, C, DE, DM, DP Code Credit

This seminar provides an overview of critical concepts of the 2012 International Residential Code. These concepts provide a basis for the correct use of the code in the design and construction of projects. This seminar will highlight essential code components for building energy-efficient residential structures. The seminar will explain the different methods or options you have available to you to demonstrate code compliance. It will also identify and explain the new items that are mandatory regardless of the method of compliance. Basic building science principles and their incorporated into the 2012 IRC will be reviewed.

**Instructor: Russ Thornburg**

**30-3A Commercial Framing in the 2012 IBC**

*8:00 am to 12:00 pm*  
4 Hours A, B, C, DR, DW Code Credit

A detailed review and in-depth examination of the conventional light wood framing provisions from Chapter 23 of the 2012 International Building Code will be the focus of this class. In addition, special attention will be paid to those portions of the 2012 International Building Code most frequently misunderstood. Focus topics will include braced wall panels, the mechanics of wood performance, and common framing errors. This class will be of special interest to Class A, B, DW, and DR contractors, designers, building inspectors, and plan reviewers who are working with wood frame commercial and multi-family residential projects in the building code most commonly used in Johnson County jurisdictions. Class C contractors will receive code credit, but must realize it does not apply to one- or two-family dwelling construction.

**Instructor: Dave Utterback**

**30-3B Roofing in the 2012 IRC**

*1:00 pm to 3:00 pm*  
2 Hours A, B, C, DR, DW Code Credit
This session is a review of chapters 8 and 9 of the 2012 International Residential Code, in which Roof-Ceiling construction and Roof Assemblies requirements are considered. We will discuss engineered roof designs and cut-and-stack roof framing. Attendees will learn:

- Construction methods from the top plate to the ridge.
- Construction methods of continuous load path.
- What the Wood Truss Council Association (WTCA) requirements for roofing are.
- What roof covering construction materials are permitted.

While this class is recommended and provides code credit for Class C and roofing contractors, building inspectors, and design professionals and Class A and B contractors will receive code credit and find it relevant if they work in the one- and two-family dwelling construction environment.

Instructor: Dave Utterback

30-3C Do’s and Don’ts of Window Installation
3:00 pm to 5:00 pm   2 Hours A, B, C, DW Code Credit

Learn the correct way to install and flash window and door openings. Offered for the first time, this session will teach the window and door installation and flashing method endorsed by the Johnson County Building Officials Association. You will be one of the first to receive the newly developed Window Flashing and Installation brochure, designed to illustrate, in simple to follow steps, the window installation methodology accepted by many Johnson County jurisdictions. Based on ASTM E-2112, your instructor will explain the science and rationale behind the development of the Window Flashing and Installation method, and discuss methods of installing, flashing and integrating windows with the weather-resistive barrier required by the International Residential Code, in both single and double wall construction. This class should be at the top of the list for Class A, B, C, DW framing contractors, building inspectors, and architects.

Instructor: Dave Utterback

30-4A Overview of Fire Alarm Provisions in the 2012 Codes
8:00 am to 5:00 pm   8 Hours A, B, C, DE, DF Code Credit

This course provides an overview of the latest safety provisions related to fire alarm, detection, signaling and emergency communication demands. The building and fire code requirements based on occupancy classification for automatic and manual systems and other scoping provisions related to fire alarms will be presented. This will be followed by coverage of NFPA 72 installation, performance, inspection, testing, and maintenance of fire alarm systems and fire systems components. This will include the identification of alarm testing, maintenance of fire alarm systems and identification of fire alarm elements on building plans. While intended for Class DE contractors and DF fire alarm installers, building inspectors, fire inspectors, and plan reviewers, Class A and B contractors will find it relevant. Class C contractors will receive code credit, but must understand it does not apply to one- or two-family dwelling construction.

Instructor: Kevin Scott

30-5A Fire Dampers
8:00 am to 12:00 pm   4 Hours A, B, C, DM Code Credit

Fire dampers are passive fire protection products used in heating, ventilation, and air conditioning ducts to prevent the spread of fire inside the ductwork through fire-resistance rated walls and floors. Fire dampers can also close following receipt of an electrical signal from a fire alarm system utilizing detectors remote from the damper, indicating the sensing of heat or smoke in the building occupied spaces or in the HVAC duct system. During this class we will learn about UL approved dampers, installation, and code requirements. This class is intended for Class A, B, DM contractors, building inspectors. Class C contractors will receive code credit, but must realize it does not apply in one- or two-family dwelling construction.

Instructor: Rich Walke

30-5B Fire Resistive Wall and Ceiling Construction
1:00 pm to 5:00 pm   4 Hours A, B, C, DE, DF, DM, DP, DW Code Credit

Fire resistive construction is an integral part of the fire safety package in commercial construction. This session will provide an overview of the fire resistive construction requirements found in the 2012 International Building Code, specific to the construction and penetrations of wall and ceiling assem-
blies. From there, the discussion will focus on the major elements under consideration. The session will include specific information on the code requirements for wall and ceiling assemblies, the testing of the elements, the various methods which can be used to show compliance with the code requirements, and how to access information from the UL Fire Resistance Directory or the Online Certifications Directory. This class will be of greatest interest to Class A, and B contractors, plan reviewers, designers, and building inspectors, but will also be of interest to any sub-contractor who penetrates or constructs rated floor assemblies. Class C contractors will receive code credit and gain important insight into fire resistive construction provided it is understood this doesn't apply to single-family dwelling construction.

Instructor: Richard Walke

30-6A Understanding and Troubleshooting Deterioration in Concrete Structures

8:00 AM to 12:00 PM  4 Hours A, B, C Code Credit

The first portion class is designed to provide a primer on the causes of distress and deterioration in concrete elements and buildings. The program will focus on recognizing and understanding common design and construction anomalies in concrete structures, corrosion damage, freeze thaw degradation, and aggregate reactivity, with particular focus on problems unique to the Kansas City area. Numerous real-world problems and case studies will be incorporated throughout the presentation. During the second half of the class we will consider solutions for the repair of common problems with structural concrete construction. Your instructor will provide detailed information on the means and methods for repairing distress and deterioration in concrete elements and structures, thus improving the serviceability and extending the life of those structures. We will cover methods for repair of cracking, repair of surface defects and consolidation problems, repair of spalled concrete and corrosion-damaged concrete, repair of concrete damaged by freeze-thaw degradation and aggregate reactivity, as well as waterproofing techniques for concrete structures. A discussion of the applicability of existing building code requirements to the repair and strengthening of existing concrete structures will be included. This class will be of particular value to Class A, B, and C contractors, concrete subcontractors and restoration contractors, engineers, architects, and inspectors.

Instructor: Thomas Rewerts

30-6B Design and Construction Considerations for Handling Moisture in Masonry Walls

1:00 PM to 5:00 PM  4 Hours A, B, C Code Credit

This class will address the hot topic of water infiltration into brick and concrete masonry walls, and how to minimize or prevent it with proper design and construction techniques. This will be of particular interest to Class A, B, and C contractors, masonry subcontractors, engineers, architects, and building inspectors. Starting with a primer on why masonry walls leak, the discussion will include the proper selection of wall type to minimizing water infiltration and include detailed discussions of veneer walls, cavity walls, rain screen walls, and barrier wall construction. We will examine proper material selection, proper design, and detailing practices for masonry walls. We will consider the performance and durability of masonry wall construction, as well as common structural and water infiltration problems that occur therein. Numerous detailed real-world problems and case studies will be incorporated throughout the presentation. Attendees will learn the basics necessary to recognize, understand, and mitigate the effect of distress and deterioration in masonry construction, as we discuss deterioration caused by water infiltration, structural problems associated with poor design or construction practice, freeze-thaw degradation, cracking due to restraint, and thermal movements, corrosion of embedded ties, shelf angles, and adjacent structural framing members. We will also examine cracking and displacement due to ground movements. The presentation will close with a discussion of architecturally and structurally unacceptable masonry construction.

Instructor: Thomas Rewerts, S.E.

30-7A Short Circuit Current (SSC) Calculations

8:00 am to 12:00 pm  4 Hours A, B, C, DE Code Credit

This class will provide insight into the proper selections of equipment to maintain compliance with section 110.9 of the 2011 NEC. When equipment is improperly selected, catastrophic failure during a fault can occur, potentially leading to injury or even death. This training explores the terminology, practice, and relevant code sections which govern. The proper selection of equipment requires understanding and calculating available fault current. This course is intended for Class DE electrical contractors,
building inspectors, plan reviewers, and electrical engineers, but Class A, B, and C contractors can get code credit for attending the class.

Instructor: Mike Weaver

30-7B Introduction to NEC Article 700, 701, and 702
1:00 pm to 5:00 pm  4 Hours A, B, C, DE Code Credit

This training course provides an introduction and overview of the 2011 and 2014 NEC® requirements of Articles 700, 701, 702, related NEC® Articles, and NFPA® document 110 (Standard for Emergency and Standby Power Systems, 2013 edition) as they pertain to the electrical requirements for Emergency Systems (Article 700), Legally Required Standby Systems (Article 701), and Optional Standby Systems (Article 702). Utilizing PowerPoint® instruction, and attendee handout material, this training provides both insight and clarity into the NEC® and NFPA-110® compliance requirements for occupancies where such systems and equipment associated with these types of installations is mandated by electrical, building, and life-safety codes. This course is well suited for designers, installers, contractors, electrical craftsmen, and enforcement who may be involved in the design, implementation, approval or construction of such systems and equipment, even if such installations are based upon the 2011 NEC®. Attendee handout material will consist of a copy of the PowerPoint slides and a copy of NFPA®’s document 110-2013 (Standard for Emergency and Standby Power Systems, 2013 edition). Attendees will additionally benefit by bringing their personal copy of the 2011 or the 2014 NEC®, as NEC® codebooks will not be provided for this training.

Instructor: Mike Weaver
Charlie Blair
Charlie is the proprietor of Homecraft Resources, of Shawnee, Kansas. As the recipient of the Ambassador Award, and the Plumb, Square and Level Award from the National Association of the Remodeling Industry (NARI), he is well known and highly regarded for his experience in the remodeling industry. Charlie serves his community as chairman of the Johnson County Contractor Licensing Review Board, and as a member of the Education Committee. He has been active in the Homes from the Heartland building project for Katrina victims, and remains involved in the SkillsUSA Championship as a judge. Charlie has also volunteered his expertise to the Heart of America Chapter, ICC’s Project Hero program, guiding the remodeling project to create accessible features in a Kansas serviceman’s dwelling and Project Learn to Help, during which Johnson County Contractor Licensing program contractors volunteered to do a complete home remodel for a Johnson County family with special medical needs.

Bruce Chyka
Bruce is a home energy auditor and the owner of Performance Plus Homes, in Stilwell, Kansas. Through his work Bruce has been serving new home and builders for over a decade. Members of the National Association of the Remodeling Industry, the Greater Kansas City Home Builders Association, and the Apartment Association of Kansas City, Bruce has a long history of helping our community gain a better understanding of residential energy performance and efficiency. Performance Plus Homes, has received the U.S. Environmental Protection Agency’s 2012 ENERGT STAR Leadership in Housing Award, recognizing Bruce’s work promoting energy efficient construction and environmental protection through partnership with ENERGY STAR.
Bob Dwyer
Bob is a nationally recognized expert in the field of Carbon Monoxide safety. As a CSME certified Carbon Monoxide specialty instructor, he brings more than two decades experience as an instructor in the fields of combustion analysis, carbon monoxide safety, and the influence building pressure on the safe operation of combustion equipment to the Johnson County Seminar setting. Bob served as Director of the Bacharach Institute of Technical Training for 13 years, has worked for the Department of Energy, and has provided training to more than 100,000 technicians. Co-author of “Carbon Monoxide: A Clear and Present Danger” Bob is a graduate of Iowa State University.

Missouri Truss Fabricator’s Association
The Missouri Truss Fabricator’s Association (MTFA), formed to support local members of the structural building component industry, is the local chapter of the Structural Building Component Association (SBCA). With a primary focus on education, marketing, and legislation, MTFA has long been a partner with the Contractor Licensing program, working to promote uniformity in the regulatory industry and relevant industry education.

Shirley Morrow
Shirley, on staff with the State of Kansas, formerly with Burns and McDonnell, enjoys a national reputation in storm water management. She developed the training classes and the exam presented at the seminar, is responsible for the Stormwater Library and Industry News, and is working with states, vendors, EPA, and others in the industry to provide information on regulations, products and practices in the erosion and sediment control industry. Formerly the Director of Storm Water Compliance for Wal-Mart Stores, she prepared and instructed the EPA-approved Storm Water Professional training program, while working with various agencies to assure compliance with NPDES permits. She was a Senior Environmental Scientist at Burns & McDonnell and has been a Certified Professional in Erosion and Sediment Control (CPESC) since 1998. Shirley is a member of the International Erosion Control Association (IECA) and was a member of their Board of Directors. Having served as Secretary and Administrative Vice-President, she currently sits on the IECA Government Affairs Committee, Technology Section Committee, Ethics Committee, and Professional Development Committee.

Bob Schutz, P.E., P.S., CBO
Bob has a long and storied career in the fields of inspection, code education, construction, and engineering. Formerly the ICC Manager of Instructors, Assistant Architect Administrator for the Ohio Board of Building Standards, an Army Corps of Engineers officer, Chief Building Inspector, plumber, sheet metal worker, and brick mason, he returns to the Contractor Licensing Seminar one of the most sought-after instructors of the plumbing and mechanical codes. He is a registered Professional Surveyor and Professional Engineer, experienced as a combat engineer, facilities manager, and project manager, currently employed as a Master Plans Examiner by the City of Columbus, Ohio.

Rich Sternadori
Rich is the State of Nebraska Coordinator with the University of Missouri, Great Plains ADA Center. He holds a BA in Psychology from Columbia College and a Masters of Education in Counseling Psychology from MU with a specialty in rehabilitation and trauma psychology. Rich’s career in psychology follows 16 years as a Chief Building Official and Zoning administrator for cities in Kansas and Missouri. Richard attended the Architectural Degree and Urban Planning Program at the University of Kansas. He holds 14 national and international Code Certifications and licenses in related subjects. Richard was honored in 1992 and 1993 by the International Conference of Building Officials (ICBO) for leadership as the President and Vice President of the ICBO Kansas Chapter. He served on international Code panels and chaired the Kansas committee that developed the first nationwide examinations for contractor licensing. Richard was appointed in 1993 by Governor Joan Finney to the Kansas State Board of Technical Professions - Architects and Engineers. He taught Codes administration at Johnson County Community College in 1996 and 1997. Rich serves on the board of Directors with the International Medical and Educational Trust, which is the umbrella organization of the University of Missouri Trauma Team. Rich is a Certified Rehabilitation Counselor.

Doug Thornburg, AIA, CBO
Doug is currently Vice-President and Technical Director of Product Development and Education for the International Code Council (ICC) where he provides leadership in the technical development and positioning of support products for ICC. Doug develops and reviews technical products, reference books and educational materials relating to the International Codes and their supporting documents and provides leadership in the development and implementation of the education and certification activities of the Council. Doug 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 recipient of the Brent Snyder Educator of the Year Award in 2008, in recognition of his outstanding contributions in education and training and was the recipient of ICBO’s prestigious A.J. (Jack) Lund Award in 1996. A graduate of Kansas State University and a registered architect, Doug has over three decades experience in building code training and administration, including ten years with ICBO, and five years with the City of Wichita, Kansas. He holds ten ICC certifications and has authored a variety of publications, including the IBC Handbook – Fire and Life Safety Provisions and the Significant Changes to the International Building Code.

Russ Thornburg
Russ brings over 30 years of construction and inspection experience, 17 of which have been spent as an educator. He works as a Plans Examiner for the Johnson County, Kansas, Building and Codes Department. He possesses a BS degree in Religion/English from the University of Mary Hardin-Baylor, and a Master of Divinity in Theology/Education from the Southwest Baptist Theological Seminary in Texas and received his certification in Building Inspection Technology from North Hennepin Community College. Russ has taught both building inspection technology classes at community colleges and continuing education seminars for contractors. In his spare time, Russell develops code seminars for various municipalities and the Association of Minnesota Building Officials.

Mike Weaver
Mike began his career as an apprentice electrician with a local private contractor. After ten years, he became a Block-Certified Master Electrician and with his wife, started their own contracting business, which they have operated for more than 20 years. Mike is a Principal of C&M Enterprises in Salina, Kansas, through which he develops and presents electrical and safety based training programs for contractors, tradespeople, and code officials. As a nationally recognized instructor and trainer, he is routinely entrusted with the responsibility of providing education for the International Code Council (ICC), the International Association of Electrical Inspectors (IAEI), various municipal and government jurisdictions across the nation, as well as private industry. In addition to his membership in the ICC and IAEI, he is also member of the International Association of Building Officials, the National Fire Protection Association, and is the ICC subject matter expert for the International Residential Code and the National Electric Code®. Mike is the author of Dwelling Service and Feeder Calculations, Commercial Service and Feeder Calculations, and NEC Calculations. He is currently developing a series of study guides based on the latest edition of the National Electric Code®.

Dave Utterback
Dave is a Plans Analyst and Building Inspector employed by the City of Lenexa, Kansas. He is also the proprietor of Timber Tek Consulting, a firm specializing in building codes, educational seminars and developing best practice manuals. He holds a Bachelor’s Degree in Business Administration from Simpson College and a Bachelor’s Degree from Iowa State University, where he studied residential architecture and design. During his carrier as an instructor, he has presented hundreds of seminars worldwide on building codes and wood frame construction. He has been invited as a speaker at industry conventions and trade shows and has published articles for Fine Homebuilding, Journal of Light Construction, and Builder magazines. His article, “Field Guide to Common Framing Errors,” has been referenced as industry standards in the book Residential, and Light Commercial Construction Standards. Most recently, Dave has completed work on the revised edition of Deck Construction and Design Guidelines for the Contractor Licensing Program, endorsed by the Johnson County Building Officials Association.
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<thead>
<tr>
<th>Day</th>
<th>Room 1</th>
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<tbody>
<tr>
<td><strong>Monday</strong></td>
<td>2012 IBC Care Facilities Provisions 8 am to 5 pm</td>
<td>Fireblocking and Draftstopping 8 am to 12 pm</td>
<td>The Art of Framing 8 am to 5 pm</td>
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<tr>
<td>October 26</td>
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<td>Moisture Intrusion 1 pm to 5 pm</td>
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<td><strong>Tuesday</strong></td>
<td>2012 IBC Penetrations, Joints, and Dampers 8 am to 5 pm</td>
<td>Exterior Wall Construction 8 am to 12 pm</td>
<td>Brace for the Worst-Wall Bracing Methods and Procedures 8 am to 12 pm</td>
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<td>October 27</td>
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<tr>
<td><strong>Wednesday</strong></td>
<td>High Performance Energy Efficient Homes 8 am to 12 pm</td>
<td>Residential Roof Construction and Assemblies 8 am to 12 pm</td>
<td>Truss Basics 8 am to 12 pm</td>
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<tr>
<td><strong>Thursday</strong></td>
<td>2012 IBC Penetrations, Joints, and Dampers 8 am to 5 pm</td>
<td>Fire-Resistive Residential Construction 1 pm to 5 pm</td>
<td>Truss Submittal Success 1 pm to 3 pm</td>
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<td>October 29</td>
<td>Solar Thermal Energy in the Codes 1 pm to 5 pm</td>
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<td>The True Cost of Truss Issues 3 pm to 5 pm</td>
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<td><strong>Friday</strong></td>
<td>ADA for Contractors 8 am to 12 pm</td>
<td>ACI 318 Building Code Requirements for Structural Concrete 8 am to 9 am</td>
<td>Builder’s Guide To Truss Installation 8 am to 12 pm</td>
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<td>October 30</td>
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<td>Steel Fiber Reinforcement In Concrete 9 am to 10 am</td>
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<tr>
<td><strong>Monday</strong></td>
<td>Beyond ADA Standards: Civil Rights Regulations That Impact Accessible Design 1 pm to 5 pm</td>
<td>Focus on Curing Concrete 10 am to 12 pm</td>
<td>Deck Construction In the 2012 International Residential Code 1 pm to 5 pm</td>
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<td>Design, Construction, and Durability Comparison of Stone Cladding 1 pm to 5 pm</td>
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<td><strong>Friday</strong></td>
<td>Johnson County Certified Erosion and Sediment Control Inspector Certifica-</td>
<td>Residential Energy Provisions 8 am to 5 pm</td>
<td>Commercial Framing In The 2012 IBC 8 am to 12 pm</td>
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<td>October 30</td>
<td>tion and Recertification Training 8 am to 5 pm</td>
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<td><strong>Wednesday</strong></td>
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<td>Roofing in the 2012 IRC 1 pm to 3 pm</td>
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<td>Do’s and Don’ts of Window Installation 3 pm to 5 pm</td>
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<td>2012 International Plumbing Code Update</td>
<td>Heat Pump Application and Service Training</td>
<td>Fall Protection</td>
<td>Article 680</td>
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<td>Trenching and Backfilling</td>
<td>2012 IBC Allowable Heights and Areas</td>
<td>2012 IBC Mixed Occupancies</td>
<td>Variable Frequency Drive Technology</td>
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<td>Cellulos Fiber Board For Sound Control</td>
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<td>Wage and Hour Essentials: Frequently Asked Wage and Hour Questions</td>
<td>Preparing for Residential Electrical Inspections</td>
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<td>Material Options for Guardrails and Handrails</td>
<td>Kitchen Hoods</td>
<td>Worker Misclassification: Using Independent Contractors the Right Way,</td>
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<td>Using Unit Skylights to Daylight Buildings</td>
<td>Ceiling Radiation Dampers</td>
<td>How to Survive an Audit: Surviving and Avoiding Federal and State</td>
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<td>Labor Audits</td>
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<td>Overview of Fire Alarm Provisions in the 2012 Codes</td>
<td>Fire Dampers</td>
<td>Understanding and Troubleshooting Deterioration in Concrete Structures</td>
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<tr>
<td>Fire Resistive Wall and Ceiling Construction</td>
<td>Design and Construction Considerations for Handling Moisture in Masonry Walls</td>
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<td>Design and Construction Considerations for Handling Moisture in Masonry Walls</td>
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<td>Introduction to NEC Article 700, 701, and 702</td>
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To accommodate overnight attendees of the 2015 Fall Education Seminar, we recommend you contact the Chase Suite Hotel for a one bedroom suite. The hotel is located adjacent to I 435, near the northwest corner of the convention center, at 6300 W. 110 Street, Overland Park, Kansas, 66210. Chase Suites are spacious, bright, well appointed, one or two bedroom accommodations that include a large living and working area, comfortable bedrooms, full bathrooms, fully equipped kitchen facilities and private entrances. The one bedroom suites truly exemplify the “home away from home” atmosphere. Chase Suite provide the most spacious suites you’ll find, with fully equipped kitchens, separate living and dining areas, cable TV including premium channels, comfortable beds, luxurious bathrooms and a workspace area with high speed Internet access. It won’t take long for you to experience the positive difference the range of complimentary services makes to the usual hotel package. The continental breakfast buffet will satisfy the hungriest of travelers. Make Chase Suites your home away from home.

Other Area Hotels

1. Sheraton O P Convention Center
   6100 College Blvd., Overland Park, Kansas
   (913) 234-2100 (800) 325-3535

2. Hilton Garden Inn Overland Park
   5800 College Blvd., Overland Park, Kansas
   (913) 345-2661 (877) 782-9444

3. Courtyard Marriott Convention Center
   11001 Woodson, Overland Park, Kansas
   (913) 317-8500 (888) 236-2427

4. Chase Suite Hotel
   6300 W. 110 Street, Overland Park, Kansas
   (913) 317-9321 (888) 433-9765

5. Holiday Inn Suites Convention Center
   10920 Nall, Overland Park, Kansas
   (913) 312-0900 (800) 957-4654

6. Homestead Studio Suites Hotel
   5401 W. 110th St., Overland Park, Kansas
   (913) 661-4440 (800) 804-3724

7. Super 8 Motel
   5001 W. 110 St., Overland Park, Kansas
   (913) 341-7771 (800) 800-8000

8. Red Roof Inn Overland Park
   6800 W. 108 St., Overland Park, Kansas
   (913) 341-0100 (800) 733-7663

9. AmeriSuites OP Convention Center
   10750 Barkley St., Overland Park, Kansas
   (913) 491-9002 (800) 833-1516

10. Hyatt Place Kansas City/Overland Park Convention Center
    5001 W. 110th Street, Overland Park, KS
    (913) 913-9002 (866) 599-6674
Welcome to the 2015 Fall Seminar

**Registration:** Because bar-coded schedule documents are preprinted, you must pre-register for classes and lunch. All registration forms must be received in the Contractor Licensing Program office, not later than 5:00 PM, October 23, 2015. Please call (913) 715-2233 if you have any questions.

**Fees:** The *Qualifying Individual* for Johnson County Program Companies licensed for 2014 or 2015 and building inspection employees employed by participating jurisdictions may attend the Education Seminar at no cost. Active Heart of America Chapter members who attended all three days of the Heart of America 2014 Annual Business Meeting or who attended the 2015 Annual Business Meeting are entitled to three days of education at no extra charge. City of Lawrence *Qualifying Person’s* fees are not paid by the City of Lawrence. Lawrence program attendants and all other out-of-program attendees must pay $30 per classroom hour. Please make checks payable to Johnson County Contractor Licensing. No refunds or credits issued for cancellations made after 5 pm, October 23, 2015.

Name:__________________________________________________________

Company Name:________________________________________________

Address:_________________________________________________________________

City/State/Zip_____________________________________________________

Telephone_________________________________________ Date of Birth_____________________

E-mail address:______________________________________________________

Johnson County Contractors may only apply 4 hours of non-code credit education to the annual license renewal.

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<tr>
<th>Staff</th>
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