

# 2020 Fall Virtual Education Seminar

October 26, 27, 28, and 29

Sign up for classes via the "[Contractor Management System](#)"

- If you do **not** hold a Johnson County Contractor license, the fee is \$30 per credit hour, payment must be made on the day of enrollment or you will be removed from that course. In order to obtain a code book, you must enroll for a minimum of 4 hours.

Once you have signed up, **an access link will be e-mailed to you 48 to 72 hours prior** to the class. No group access links allowed. You **must** access course links individually in order to obtain credit for attendance.

Check your enrollment to ensure you are not signed up for the same class twice, as you will only get credit once.

Each on-line platform **will be proctored** for verification of attendance:

- In order to receive course credit, you must complete the course.  
- Logging off or not replying to prompts will jeopardize the hours credited to your account.

- If for some reason the virtual session is lost, do not abandon the session, wait to see if the third party platform reestablishes connection.

All code books will be available for pickup **after** you have attended the course. If you would rather receive a PDF version of the code book, please e-mail us your name and course title at [contractor.licensing@jocogov.org](mailto:contractor.licensing@jocogov.org).

**\*\* Last day to Register is Tuesday, October 20th, 2020 \*\***

Each year the Johnson County Contractor Licensing Program holds two (2) education sessions for its membership in order to obtain the necessary hours for licensure. These sessions are in-person events held at the Overland Park Convention Center typically in March and again in October. This year in 2020, the March session was held in-person at the Convention Center and was very successful. Since that time, as everyone is aware, the COVID-19 outbreak has changed the landscape of continuing education drastically. The October session has been on the minds of staff and the Contractor Review Board ever since. We have encountered many concerns on how to hold the session at the convention center, meet the needs of the membership and adhere to health guidelines related to COVID-19. After many weeks of possible scenarios, the decision was made to move the session to an online virtual format, it was the only way to meet the volume needs of the membership and continuing education.

### Contractor License Review Board

- August Huber III, Chair  
Class “A” Contractor
- Lawrence Levy  
Class “B” Contractor
- (unoccupied)  
Class “C” Contractor
- William Jones  
Class “D” contractor
- Jim Brown  
Building Official
- Mitch Dringman  
Building Official
- Don West  
Class “D” contractor
- David Elliott  
General public  
representative
- Matt Wild  
Architect/engineer

### Education Committee Members

- Caleb McCandless,  
Chair
- Don West
- Dr. David Jones
- Barry Walthall
- David Elliott
- Michael Sandifer
- Paul Alvarado, Sr.
- Rob Poettgen
- Jason Wright
- Bill Jones

### Staff

- Jay C. Leipzig  
Director
- Jim Sherman  
Program Manager
- Samantha Nichols  
Asst. Program  
Manager
- Shiloh Wells  
License Monitor
- Wendy Hamilton  
License Monitor

## Monday, October 26, 2020

**(2020) 10-26-20 26-1A** 8:00 a.m. – 5 p.m.

**2018 IRC Transition from the 2012 IRC (A,B, C, DE, DM, DP, DR, DW Code Credits)**

This session will assist participants in implementing the transition from the 2012 IRC to the 2018 IRC. It will include relevant changes in the two publications. **(Maximum Enrollment for this class: 300)**

**Instructor: ICC Staff**

**(2020) 10-26-20 26-2A** 8:00 a.m. – 5 p.m.

**2018 IMC Commercial Applications (A, B, C, DM Code Credits)**

This class will walk the attendee through the Mechanical Code do's and don'ts of the Mechanical Code's commercial applications. It will cover topics including mechanical appliances and equipment, fuel gas supply, venting, air ducts and combustion air.

**Instructor: Sam Dardano**

**(2020) 10-26-20 26-3A** 8:00 a.m. – 5 p.m.

**IECC Real World Applications (A, B, C Code Credits)**

This class shows how the International Energy Conservation Code is applied in real world situations by bringing pictures, videos and real-world examples into the classroom. We will cover residential and commercial applications while covering common building science concepts as we go.

**Instructor: Shaunna Mozingo**

**(2020) 10-26-20 26-4A** 8:00 a.m. – 5 p.m.

**Bonding and Grounding with the 2017 NEC (A, B, C, DE Code Credits)**

This session will explore the requirements contained within the 2017 NEC related to grounding and bonding of electrical systems. Attendees will navigate through the various sections in Article 250 including equipment, services, the electrical system and bonding enclosures. The instructor will assist the attendee in avoiding future confusion with grounding and bonding by applying real world experiences with a background in design characteristics.

**Instructor: Michael Panethiere**

**(2020) 10-26-20 26-1B** 1:00 p.m. – 5 p.m.

**2018 IPC Update (A, B, C, DP Code Credits)**

Join one of our experienced instructors in discussing the changes made in the 2018 IPC and how it affects commercial plumbing and materials installation. The attendee will review areas of piping materials, venting, fixtures and general requirements.

**Instructor: Bobby Doran**

**(2020) 10-26-20 26-2B** 1:00 p.m. – 3 p.m.

**Concrete Innovations (A, B, C Code Credits)**

New concrete products and manufacturing methods are enhancing concrete's performance to tackle modern challenges. This seminar addresses some of the latest innovations such as sustainability, durability, carbon reduction, etc. all to improve our built world and improve the health and safety of the people in it. The attendee will hear about new technologies in concrete manufacturing, how new innovations can improve performance and how to implement the latest technologies in pavements, buildings and infrastructure.

**Instructor: Donn Thompson**

**(2020) 10-26-20 26-3B**

**1:00 p.m. – 5 p.m.**

**2018 ISPSC Design, Installation and Inspection Principles (A, B, C, DP Code Credits)**

This course covers the 2018 International Pool and Spa Code. The session will include information regarding energy, barriers, suction entrapment and circulation systems. This is an important session for those that work in jurisdictions that have adopted the ISPSC. **(Maximum Enrollment for this class: 300)**

**Instructor: ICC Staff**

**(2020) 10-26-20 26-4B**

**1:00 p.m. – 5 p.m.**

**Erosion Control Certification (A, B, C, DE, DF, DM, DP, DR, DS, DW Code Credits)**

This course will cover the history of the Clean Water Act, principles of erosion control and sedimentation, common erosion and sediment controls and inspections criteria. The permitting requirements for construction site and land disturbance will be covered. The attendee will be able to complete a Notice of Intent under the State of Kansas General Permit, and complete a storm water pollution prevention plan (SWPPP). Participants who attend the course and pass an exam at the end will receive a certificate.

**Instructor: GBA Staff**

**(2020) 10-26-20 26-1C**

**5:00 p.m. – 9 p.m.**

**2018 IBC Update (A, B, C, DW Code Credits)**

This course will identify important changes in the IBC from 2015 to the 2018 edition. The IBC continues to establish minimum regulations for building systems using prescriptive and performance related provisions. Participants will be presented with the changes that will most impact their use of the code when applying them to their projects. **(Maximum Enrollment for this class: 300)**

**Instructor: ICC Staff**

**(2020) 10-26-20 26-2C**

**5:00 p.m. – 9 p.m.**

**Deck Design and Construction (A, B, C, DW Code Credits)**

The session is designed to provide contractors, building inspectors, plans examiners, and designers with a comprehensive look at plan requirements, construction requirements and safety concerns when it comes to building decks. The program covers proper ledger attachment, beam sizing and support, joist selection as well as pier design and how to determine proper support for the deck based on tributary areas. Special applications such as attaching a deck to a house cantilever will also be covered.

**Instructor: David Utterback**

**(2020) 10-26-20 26-3C**

**5:00 p.m. – 7 p.m.**

**Introduction to Ultraviolet Germicidal Irradiation (A, B, C, DE, CM Code Credits)**

Join our instructor in learning about the technology in use for germicidal Ultraviolet irradiation in mechanical systems. With the present health concerns the community is experiencing this topic is relevant to new and modified mechanical installations related to UV irradiation.

**Instructor: Joe Nelson**

## Tuesday, October 27, 2020

**(2020) 10-27-20 27-1A** 8:00 a.m. – 5 p.m.

**2018 IBC Fire and Life Safety Principles (A, B, C, DW Code Credits)**

This session addresses the critical concepts of the 2018 IBC regarding fire and life safety issues. These concepts provide a basis for the correct use of the code in building planning, classification of buildings and occupancies, fire-resistance rated construction, fire protection systems and means of egress.

**(Maximum Enrollment for this class: 300)**

**Instructor: ICC Staff**

**(2020) 10-27-20 27-2A** 8:00 a.m. – 5 p.m.

**2018 Residential Mechanical (A, B, C, DM Code Credits)**

This class will walk the attendee through the do's and don'ts of the International Residential Codes mechanical residential applications. It will cover topics including mechanical appliances and equipment, fuel gas supply, venting, air ducts and combustion air.

**Instructor: Sam Dardano**

**(2020) 10-27-20 27-3A** 8:00 a.m. – 5 p.m.

**2018 IPC Review (A, B, C, DP Code Credits)**

This course will cover the International Plumbing Code and the elements without the code that most effects your daily work. Hear from an experienced instructor and code official and cover sections related to general applications, materials, piping, venting and fixtures.

**Instructor: Joseph Montoya**

**(2020) 10-27-20 27-4A** 8:00 a.m. – 5 p.m.

**NICET Test Prep- NFPA 25 Inspection and Testing of Water Based Systems (A, B, C, DF Code Credits)**

Johnson County requires NIECT certification for testing and inspections of water-based fire protection systems. This class will provide guidance on the scope and requirements of NICET certification for inspection and testing of water-based fire protection systems. The course will outline the require references, basic test taking skills, the NFPA 25 Standard, Safety and practice quizzes. A great course for those involved in water-based fire protection systems.

**Instructor: Ralph Bless Jr.**

**(2020) 10-27-20 27-1B** 1:00 p.m. – 5 p.m.

**Water Heater Safety (A, B, C, DM, DP Code Credits)**

Join our presenter to discuss the issues surrounding the safe and correct methods of water heater installation and safety. Water heaters are one of the more common items replaced by homeowners that many times need professional follow to correct incorrect issues. Our instructor has many years of experience with this topic and is one not to miss.

**Instructor: Bobby Doran**

**(2020) 10-27-20 27-2B** 1:00 p.m. – 5 p.m.

**Centrifugal Pumps (A, B, C, DE, DS Code Credits)**

This course offers an expanded introduction to centrifugal pumps with an emphasis on centrifugal pump applications and the use of field measurements to assess pump performance. The general focus will be directed toward evaluation of existing pumping systems rather than on the design of new pumping systems. Common pump terminology will be reviewed.

**Instructor: Joe Nelson**

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**How to Fail Your Next Rough-In (A, B, C, DE, DF, DM, DP, DR, DW Code Credits)**

The aim of this session is to provide contractors, sub-contractors, building inspectors and designers the common problems that will cause a builder to fail the rough-in inspection. Participants will learn how to correct applications and make them code compliant. Additional material regarding the requirements of notching and boring of joists and studs for plumbing, electrical and mechanical installations will be provided.

**Instructor: David Utterback**

**(2020) 10-27-20 27-1C**

**5:00 p.m. – 9 p.m.**

**2018 IRC Update (A, B, C, DE, DM, DP, DR, DW Code Credits)**

Join this session to understand the key changes made to the 2018 International Residential Code since the 2015 edition. This course will identify important code changes in the IRC that will affect the applicants use in the code. **(Maximum Enrollment for this class: 300)**

**Instructor: ICC Staff**

**(2020) 10-27-20 27-2C**

**5:00 p.m. – 9 p.m.**

**2018 IFGC (A, B, C, DM, DP Code Credits)**

Join our instructor in reviewing the International Fuel Gas Code and the critical areas the code addresses. The attendee will be able to discuss piping tables, materials of fuel gas systems, venting and appliances. An important course for those that deal with fuel gas systems.

**Instructor: Bobby Doran**

**(2020) 10-27-20 27-3C**

**5:00 p.m. – 9 p.m.**

**2018 Mixed Occupancies (A, B, C Code Credits)**

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 the proper application of the provisions are met. **(Maximum Enrollment for this class: 300)**

**Instructor: ICC Staff**

## Wednesday, October 28, 2020

**(2020) 10-28-20 28-1A**

**8:00 a.m. – 5 p.m.**

**2018 IRC Transition from the 2012 IRC (A,B, C, DE, DM, DP, DR, DW Code Credits)**

This session will assist participants in implementing the transition from the 2012 IRC to the 2018 IRC. It will include relevant changes in the two publications. **(Maximum Enrollment for this class: 300)**

**Instructor: ICC Staff**

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**Instructor: Michael Panethiere**

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