



INTERNATIONAL  
CODE  
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# 20<sup>th</sup> Houston Building Professional Institute

February 17-20, 2020  
Exhibitor Showcase Daily

DoubleTree by Hilton Hotel  
8181 Airport Boulevard  
Houston, TX 77061  
(713) 645-3000



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*The Building Professional Institute is sponsored by the Building Officials Association of Texas.*



**BUILDING PROFESSIONAL INSTITUTE**

**20<sup>th</sup> Annual  
Houston BPI**



**DoubleTree by Hilton, 8181 Airport Blvd., Houston, TX 77061  
February 17-20, 2020**

TRACK	Monday		Tuesday		Wednesday		Thursday	
	AM	PM	AM	PM	AM	PM	AM	PM
	February 17, 2020		February 18, 2020		February 19, 2020		February 20, 2020	
<b>Code Enforcement</b>	Case Development and Situational Awareness <i>Session 1</i>	Social and Economic Responsibility of Code and Officer Safety <i>Session 2</i>			Substandard Conditions (with IPMC teaching) Plus One Hour Legal Update <i>Session 3</i>		Legal Update <i>Session 4</i>	Squatters, Vacant Land, Home <i>Session 5</i>
<b>Energy Code</b>	Commercial Energy Code – 2018 IECC & ASHRAE 90.1 – 2013 <i>Session 6</i>		Airflow Fundamentals <i>Session 7</i>	IECC in Texas: What, Why, and How <i>Session 8</i>				
<b>Fire Prevention Code</b>			IFC/IBC Fire Protection Systems <i>Session 9</i>		2015 IFC Application of Flammable Finishes <i>Session 10</i>		2015 IBC Chapter 7 <i>Session 11</i>	
<b>International Building Code</b>	IBC Multi-Family Construction (Type V-A and Group R-2 fire-resistive-rated construction) <i>Session 12</i>		Negotiating the IBC (occupancy classification, exiting, rated construction) <i>Session 13</i>		2018 IBC Update (the intent of changes and how to apply the changes) <i>Session 14</i>		IBC Building Areas, Fire Areas and Mixed Occupancies <i>Session 15</i>	
<b>International Residential Code</b>	International Residential Code Review – Chapters 4 – 6 (framing, interior & exterior wall design) <i>Session 16</i>		Roof Construction and Assemblies IRC Review – Chapters 7 – 10 (includes wall designs, loadpaths and truss design) <i>Session 17</i>		Common Plumbing Code Violations 2018 IPC <i>Session 18</i>	Gas Appliance Installation and Inspection Principles 2018 IFGC <i>Session 19</i>	Basic Residential Electrical Inspections for the Combination Inspector with 2020 NEC Code Changes with Laws and Rules, NFPA 70E <i>Session 20</i>	





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<b>Mechanical Code/ Plumbing Code</b>			Commercial Mechanical Code Inspections – Complex, Large and Unique Buildings & Systems – 2018 IMC & IFGC <i>Session 21</i>				Overview of Chapters 4 - 6 of the 2015 IPC (fixture requirements, installation of water heaters, and potable water) <i>Session 22</i>	
<b>Electrical Code</b>	Grounding and Bonding National Electrical Code Article 250 and Swimming Pool Bonding. TDLR CE for Electrical License Renewal with Law, Rules, & 70E Electrical Safety <i>Session 23</i>		2020 National Electrical Code Illustrated Changes. TDLR CE for Electrical License Renewal with Law, Rules, & 70E Electrical Safety <i>Session 24</i>		NEC Article 517 Health Care and Articles 700, 701 Emergency/Legally Required Systems. TDLR CE for Electrical License Renewal with Law, Rules, & 70E Electrical Safety <i>Session 25</i>		Basic Residential Electrical Inspections for the Combination Inspector with 2020 NEC Code Changes with Laws and Rules, NFPA 70E <i>Session 20</i>	
<b>Permit Technician</b>	The Permit Technician: Role and Responsibilities in the Construction Code Industry <i>Session 26</i>				Wood Framing & Electrical <i>Session 27</i>		Basic Understanding of the IBC in Its Fundamental State <i>Session 28</i>	
<b>Texas Accessibility Standards</b>	(4 Hr.) Understanding Texas Accessibility Standards <i>Session 29</i>	(4 Hr.) Applying Texas Accessibility Standards <i>Session 30</i>						
<b>Texas Accessibility Academy</b>			(8 Hr.) Texas Accessibility Academy Day 1 <i>Session 31</i>		(8 Hr.) Texas Accessibility Academy Day 2 <i>Session 32</i>			
<b>Floodplain</b>							Floodplain 101 <i>Session 33</i>	

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# COURSE DESCRIPTIONS AND INSTRUCTORS

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## CODE ENFORCEMENT

- Monday AM** **Case Development and Situational Awareness**  
This course teaches officers what criteria are necessary for developing an iron clad case. It includes the technical aspects that are necessary to ensure voluntary or involuntary compliance. The important points to this course will broaden the thought process of code officers and train them to make good sound decisions based on the facts they are presented with.  
**Instructor: Kelvin Beene, City of Aurora**
- Monday PM** **Social and Economic Responsibility of Code and Officer Safety**  
This course redefines the importance of code enforcement on a social and economic level in today's society. It delves into the social aspects and psyche of neighborhoods and how code enforcement can impact their quality of life. This course also teaches how to observe factors that can cause them harm while conducting their duties.  
**Instructor: Kelvin Beene, City of Aurora**
- Wednesday AM/PM** **Substandard Conditions (with IPMC teaching) Plus One Hour Legal Update**  
This subject will help attendees become more acquainted with the 2015 IPMC (International Property Maintenance Code) and how to identify substandard conditions within residential structures in accordance with the 2015 IPMC.  
**Instructor: Anthony Major – M.E.T.S.**
- Thursday AM** **Legal Update**  
Are you in need of your required 1-hour legal update but you're looking for an AM legal update class where you can ask the questions you meant to ask last year? This course is for you. It provides 1 hour of legal updates on code enforcement required for CEU and covers topics such as traditional methods of code enforcement, legal tools available for code enforcement, liability for code and building officials/inspectors, and constitutional constraints on code enforcement activities.  
**Instructor: Anthony Major – M.E.T.S.**
- Thursday PM** **Squatters, Vacant Land, Home**  
This class will help attendees to better understand how to discourage squatters from occupying a vacant structure. In addition, it will answer questions such as: What are their amendment rights and how far can a Code Officer go with an inspection/investigation before violating constitutional rights?  
**Instructor: Anthony Major – M.E.T.S.**

## ENERGY CODE

- Monday AM/PM** **Commercial Energy Code – 2018 IECC & ASHRAE 90.1 – 2013**  
The 2018 IECC is the focus of this class; however, it includes identification of significant differences between the IECC and the ASHRAE 90.1 option. The instruction with numerous photos will provide inspection direction on building envelopes, mechanical systems, and interior and exterior lighting. Specific subjects included are continuous versus cavity insulation, manufactured and site-built fenestration certification, HVAC system performance, mechanical ventilation, demand-controlled ventilation, HRV/ERV,



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building control systems and refrigeration equipment performance. Additionally, there will be a review of lighting systems, controls, daylighting, lighting power densities, transformers, motors, and wrapping up with building commissioning.

**Instructor: Brent Ursebach – West Coast Code Consultants**

**Tuesday  
AM**

### **Airflow Fundamentals**

This presentation will cover:

- The importance of airflow for maximizing HVAC system performance
- A review of airflow research from Texas A&M University and Lawrence Berkeley National Laboratory
- Flexible Duct Installation “Recommended Best Practice” and understanding the negative effects of Bad Practices
- ASHRAE Advanced Energy Design Guides
- HVAC industry conflicts with R-8 in insulated register boxes
- New government regulations, what’s driving them and how to capitalize on them to grow business

Attendees will receive copies of related articles and a Ductulator created for the Air Distribution Institute with data and formulas from Texas A&M research as well as instruction on the additional functions of this Ductulator.

**Instructor: Chris Van Rite – M&M Manufacturing Company**

**Tuesday  
PM**

### **IECC in Texas: What, Why, and How**

This course provides a background of the adoption of the Energy Code in Texas and the role of the Energy Systems Laboratory and why adoption and enforcement of the Energy Code is important for our communities and our citizens. This class will also address how to adopt and apply the energy code in your jurisdiction, including the amendment process.

**Instructor: Shirley Muns Ellis – Energy Systems Laboratory**

## **FIRE PREVENTION**

**Tuesday  
AM/PM**

### **2015 IFC/IBC Fire Protection Systems**

This course discusses the requirements for fire protection systems and equipment in the 2015 International Fire Code and the 2015 International Building Code.

**Instructor: Kevin H. Scott – KH Scott & Associates, LLC**

**Wednesday  
AM/PM**

### **2015 IFC Application of Flammable Finishes**

This course discusses the requirements for application of flammable finishes based on the 2015 International Fire Code and International Building Code. Specifically, it covers how to determine whether IFC Chapter 24 applies, and if the operation is considered a Group H occupancy. Discussion will cover design and operation of spraying operations, dipping operations, fiberglass operations, and powder coating.

**Instructor: Kevin H. Scott – KH Scott & Associates, LLC**



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**Thursday AM/PM**      **2015 IBC Chapter 7**  
This course discusses the construction requirements in Chapter 7 of the 2015 International Building Code for fire-resistance and limitation of smoke spread. The course will cover the various types of fire-resistance-rated construction and various types of construction designed to limit the spread of smoke. The course will address fire-resistance-rated walls and horizontal assemblies, along with penetrations and opening protectives. The course covers construction and inspection of fire-resistance-rated corridors and fire door hardware to determine compliance with the 2015 IBC and IFC.  
**Instructor: Kevin H. Scott – KH Scott & Associates, LLC**

### INTERNATIONAL BUILDING CODE

**Monday AM/PM**      **IBC Multi-Family Construction (Type V-A and Group R-2 fire-resistive-rated construction)**  
This course is an overview of the requirements for multi-family dwellings in the International Building Code. Type V-A construction may be the most difficult type of construction. This seminar discusses the design, construction and inspection of Group R-2 occupancies including building planning, fire-resistive rated construction, fire protection requirements and means of egress requirements.  
**Instructor: Gil Rossmiller – Colorado Code Consulting, LLC**

**Tuesday AM/PM**      **Negotiating the IBC (occupancy classification, exiting, rated construction)**  
This class explores the major provisions of the International Building Code. The presentation will include discussions of the provisions addressing the following issues: occupancy classification, types of construction, means of egress, fire sprinklers and fire-resistive-rated construction, administrative provisions and accessibility. This class is designed to introduce the new provisions of the code.  
**Instructor: Gil Rossmiller – Colorado Code Consulting, LLC**

**Wednesday AM/PM**      **2018 IBC Update (the intent of changes and how to apply the changes)**  
This course reviews the changes from the last edition to the current edition of the International Building Code. The background behind many of the changes will be discussed to provide the participant with an understanding of the intent of the changes and how to apply it to their everyday work. Subjects covered in the class will include the code change process, mixed occupancies, atriums, accessible means of egress and many more.  
**Instructor: William Clayton – Colorado Code Consulting, LLC**

**Thursday AM/PM**      **IBC Building Areas, Fire Areas and Mixed Occupancies**  
This course is a comprehensive discussion of the major compartmentalization concepts of the IBC, focusing on those requirements that deal with building size, sprinkler options and mixed-use buildings. Fire-resistance-rated construction is also addressed. This class will include topics on allowable areas, area increases, unlimited area buildings, fire area concept and construction, incidental/accessory use areas and separated/non-separated uses.  
**Instructor: William Clayton – Colorado Code Consulting, LLC**



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## INTERNATIONAL RESIDENTIAL CODE

- Monday**      **International Residential Code Review – Chapters 4 – 6 (framing, interior & exterior wall design)**
- AM/PM**      Part of the building planning section, chapters 4 – 6, will be reviewed with detailed explanations and illustrations of required floor and wall construction and wall covering assembly. This course will be of interest to contractors, building inspectors, plan reviewers, architects, and design professionals.
- Building and inspecting the most common footings and foundation walls
  - Main types of floor assemblies
  - Review three of the four types of floor assemblies: wood floor framing, wood floors on the ground, and concrete slabs on the ground
  - Review structural integrity of wall construction
  - Review designs and construction of interior and exterior wall designs
- Instructor: Russell Thornburg – Thornburg Code Services**
- Tuesday**      **Roof Construction and Assemblies IRC Review – Chapters 7 – 10 (includes wall designs, loadpaths and truss design)**
- AM/PM**      A complete review of chapters 7 - 10, Wall Covering, Roof-Ceiling Construction, and Roof Assemblies will be covered, along with engineered designs and light-frame construction methods. This course will be of interest to contractors, building inspectors, plan reviewers, architects, and design professionals.
- Review designs and construction of interior and exterior wall designs
  - Construction methods from the top plate to the ridge
  - Review construction methods of continuous load path
  - Review Wood Truss Council Association (WTCA)
  - Review roof covering construction materials
  - Overview of chimney and fireplace requirements
- Instructor: Russell Thornburg – Thornburg Code Services**
- Wednesday**      **Common Plumbing Code Violations 2018 IPC**
- AM**      This class will be based on the 2018 IRC (plumbing sections) and cover common code violations which inspectors may see during a routine residential plumbing inspection. Such violations will include improper installation of water services, plumbing fixtures and plumbing fixture connections, water heaters, etc.
- Instructor: Mark Dunn – City of Hoover, AL**
- Wednesday**      **Gas Appliance Installation and Inspection Principles 2018 IFGC**
- PM**      Based on the 2018 IFGC, this class will provide a basis to meet code compliance for appropriate appliance locations, appliance connections and proper combustion air requirements.
- Instructor: Mark Dunn – City of Hoover, AL**



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<b>Thursday</b>	<b>Basic Residential Electrical Inspections for the Combination Inspector with 2020 Code Changes with Laws and Rules, NFPA 70E</b>
<b>AM/PM</b>	Particularly helpful and valuable for inspectors, and installers alike, this class will assist attendees in learning to make more accurate, thorough, and safe installations and inspections of one and two-family dwellings. The seminar is based on a comprehensive book titled, "IAEI's One- and Two-Family Dwelling Electrical Systems" and explains in clear, concise language the installation, design, and inspections of electrical systems in dwellings. The related changes of the 2020 NEC are explained in detail as they relate to dwelling units. Both NEC and IRC requirements are referenced in this book. Additional material will cover the TDLR law, rules, and electrical safety NFPA 70E © for State of Texas electrical license renewal. TDLR Course # TBD <b>Instructor: L. Keith Lofland – International Association of Electrical Inspectors</b>

### MECHANICAL CODE/ PLUMBING CODE

<b>Tuesday</b>	<b>Commercial Mechanical Code Inspections - Complex, Large and Unique Buildings &amp; Systems – 2018 IMC &amp; IFGC</b>
<b>AM/PM</b>	This class will address complex issues encountered in the field when performing mechanical inspections. Subjects discussed include ventilation flow rates, effectiveness and efficiency; parking garage controls and application, numerous hazardous materials storage and exhaust; commercial kitchen testing, balancing, hazards, and failures. The class also includes discussion on inspecting fire and smoke dampers for compliance with the IBC; the changes resulting from the introduction of new refrigerants, hydronic and the new solar thermal chapter. This course has a special focus on large and complex buildings, including high rise, data centers, manufacturing, industrial and technological uses and occupancies. This will be an open discussion where sharing of your expertise and experience will be welcome. <b>Instructor: Brent Ursebach - West Coast Code Consultants</b>
<b>Thursday</b>	<b>Overview of Chapters 4 - 6 of the 2015 IPC (fixture requirements, installation of water heaters, and potable water)</b>
<b>AM/PM</b>	This class will provide an overview of minimum plumbing fixture requirements, proper plumbing fixture installations, water heater and related safety devices required, supply of potable water (both hot and cold) to public and individual sources, and proper backflow protection to those water sources. This class will also cover requirements for various water temperatures which serve specific plumbing fixtures such as shampoo bowls, public lavatories, pedicure sinks, public showers, etc. <b>Instructor: Mark Dunn – City of Hoover, AL</b>

### ELECTRICAL CODE

<b>Monday</b>	<b>Grounding and Bonding National Electrical Code Article 250 and Swimming Pool Bonding. TDLR CE for Electrical License Renewal with Law, Rules, &amp; 70E Electrical Safety</b>
<b>AM/PM</b>	This class is a basic to intermediate level on the fundamentals and practices of grounding and bonding. Color illustrations and photos of real electrical installations, systems, and





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equipment will clarify the principles of grounding and bonding. This topic will also include grounding of services, transformers, feeder panels, and bonding of equipment, and multiple building. Special emphasis will be on swimming pool equipotential bonding and related equipment. Additional material will cover the TDLR law, rules, and electrical safety NFPA 70E © for State of Texas electrical license renewal. TDLR Course # TBD

**Instructor: Mark Ode – Underwriters Laboratories, Inc.**

**Tuesday 2020 National Electrical Code Illustrated Changes. TDLR CE for Electrical License Renewal with Law, Rules, & 70E Electrical Safety**

**AM/PM** This course will explain the major changes in the 2014 National Electrical Code. Included will be the reasons for these changes and a discussion of the substations. Review of new articles and sections added to this edition of the NEC and what type of impact they will have on inspectors, designers, and installers. Additional material will cover the TDLR law, rules, and electrical safety NFPA 70E © for State of Texas electrical license renewal. This is a basic to intermediate electrical course. TDLR Course # TBD

**Instructor: Mark Ode – Underwriters Laboratories, Inc.**

**Wednesday NEC Article 517 Health Care and Articles 700, 701 Emergency/Legally Required Systems. TDLR CE for Electrical License Renewal with Law, Rules, & 70E Electrical Safety**

**AM/PM** Article 517 Code, Health Care Facilities. Scope, performance, maintenance, and testing criteria in health care facilities and required documents. This workshop will also correspond with NEC Articles 700 and 701 for emergency systems plus legally required automatic transfer of illumination and power essential for safety to human life in hospitals/emergency-urgent care occupancies. Additional material will cover the TDLR law, rules, and electrical safety NFPA 70E © for State of Texas electrical license renewal. TDLR Course # TBD

**Instructor: Mark Ode – Underwriters Laboratories, Inc.**

**Thursday Basic Residential Electrical Inspections for the Combination Inspector with 2020 Code Changes with Laws and Rules, NFPA 70E**

**AM/PM** Particularly helpful and valuable for inspectors, and installers alike, this class will assist attendees in learning to make more accurate, thorough, and safe installations and inspections of one and two-family dwellings. The seminar is based on a comprehensive book titled, “IAEI’s One- and Two-Family Dwelling Electrical Systems” and explains in clear, concise language the installation, design, and inspections of electrical systems in dwellings. The related changes of the 2020 NEC are explained in detail as they relate to dwelling units. Both NEC and IRC requirements are referenced in this book. Additional material will cover the TDLR law, rules, and electrical safety NFPA 70E © for State of Texas electrical license renewal. TDLR Course # TBD

**Instructor: L. Keith Lofland – International Association of Electrical Inspectors**



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## PERMIT TECHNICIAN

**Monday  
AM/PM**

**The Permit Technician: Role and Responsibilities in the Construction Code Industry**

A Permit Technician is generally the first person customers meet when they enter a permit department. Therefore, it is so important for this employee to be certified and know all the proper techniques in dealing with customers and providing the best service possible. By the end of this course, you will have learned the key items of what it takes to successfully take care of the responsibilities of a Permit Technician.

**Instructor: Frank Morris – Tri-State Consultants**

**Wednesday  
AM/PM**

**Wood Framing & Electrical**

This overview provides the Permit Technician with the knowledge, skills and abilities to survey the requirements of the 2018 IRC conventional light-framing construction provisions and the requirements associated with engineered wood products. We will associate the code language to plans and visual aids from the field, briefly cover basic Electrical terminology, and take a simple overview of electrical requirements for a single-family residence.

**Instructor: Russell Thornburg – Thornburg Code Services**

**Thursday  
AM/PM**

**Basic Understanding of the IBC in Its Fundamental State**

During this overview Permit Technicians will discuss building code essentials of the 2018 IBC along with a broad view of Occupancy Classification, Use, and Type of Construction. Participants will be given opportunities to become familiar with the IBC, sharpen their code skills, and achieve a more complete understanding of the code's requirements and the intent and application behind those provisions.

**Instructor: Russell Thornburg – Thornburg Code Services**

## TEXAS ACCESSIBILITY STANDARDS

**Monday  
AM**

**Understanding Texas Accessibility Standards (4 Hr.)**

This is a class for Registered Accessibility Specialist (RAS), architects, designers and building officials. It is a comprehensive study of the Texas Architectural Barriers Act (TABA), Administrative Rules and the 2012 Texas Accessibility Standards (2012 TAS). Attendees will receive general information about the TABA, Administrative Rules and the 2012 TAS and will participate in activities to reinforce technical content. The class is certified for 16-hours of RAS CEU's. **THIS IS A 4 HOUR CLASS STARTING AT 8:00 AM AND ENDING AT 12 Noon.**

**Instructor: Norman Kieke - Texas Department of Licensing and Regulation**

**Instructor: Jamie Hill - Texas Department of Licensing and Regulation**

**Monday  
PM**

**Applying Texas Accessibility Standards (4 Hr.)**

This is a class for Registered Accessibility Specialists (RAS), architects, designers and building officials. This is a comprehensive study of the Texas Architectural Barriers Act (TABA), Administrative Rules and the 2012 Texas Accessibility Standards (2012 TAS). Attendees will receive general information about the TABA, Administrative Rules and the 2012 TAS and will participate in activities to reinforce technical content. The class is



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## COURSE DESCRIPTIONS AND INSTRUCTORS

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certified for 16-hours of RAS CEU's. **THIS IS A 4 HOUR CLASS STARTING AT 1:00 PM AND ENDING AT 5:00 PM.**

**Instructor: Norman Kieke - Texas Department of Licensing and Regulation**

**Instructor: Jamie Hill - Texas Department of Licensing and Regulation**

### TEXAS ACCESSIBILITY ACADEMY

**Tuesday  
AM/PM**

#### **Texas Accessibility Academy Day 1 (8 Hr.)**

This is Day 1 of a 2-day course for Registered Accessibility Specialists (RAS), architects, designers and building officials. This is a comprehensive study of the Texas Architectural Barriers Act (TABAA), Administrative Rules and the 2012 Texas Accessibility Standards (2012 TAS). Attendees will receive general information about the TABAA, Administrative Rules and the 2012 TAS, including participation in activities to reinforce technical content. The course is certified for 16-hours of RAS CEU's. **THIS IS AN 8-HOUR CLASS EACH DAY STARTING AT 8:00 AM AND ENDING AT 5:00 PM. TO RECEIVE CREDIT, ATTENDANCE IS REQUIRED FOR BOTH DAYS.**

**Instructor: Norman Kieke - Texas Department of Licensing and Regulation**

**Instructor: Jamie Hill - Texas Department of Licensing and Regulation**

**Wednesday  
AM/PM**

#### **Texas Accessibility Academy Day 2 (8 Hr.)**

This is Day 2 of a 2-day course for Registered Accessibility Specialists (RAS), architects, designers and building officials. This is a comprehensive study of the Texas Architectural Barriers Act (TABAA), Administrative Rules and the 2012 Texas Accessibility Standards (2012 TAS). Attendees will receive general information about the TABAA, Administrative Rules and the 2012 TAS, including participation in activities to reinforce technical content. The course is certified for 16-hours of RAS CEU's. **THIS IS AN 8-HOUR CLASS EACH DAY STARTING AT 8:00 AM AND ENDING AT 5:00 PM. TO RECEIVE CREDIT, ATTENDANCE IS REQUIRED FOR BOTH DAYS.**

**Instructor: Norman Kieke - Texas Department of Licensing and Regulation**

**Instructor: Jamie Hill - Texas Department of Licensing and Regulation**

### FLOODPLAIN

**Thursday  
AM/PM**

#### **Floodplain 101**

This class is an introduction to general floodplain requirements and understanding flood maps and studies. The afternoon portion will discuss reading and completing elevation certificates. Other topics will include approved flood openings, flood protection, and understanding the City Rating System (CRS) and insurance requirements/effects.

**Instructor: Jamila C. Johnson – City of Houston**



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# INSTRUCTOR PROFILES

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**William Clayton** is a consultant with Colorado Code Consulting since 2015. He was a Builder/Designer from 1974 to 1991; Code Consultant, Plans Examiner, Inspector, and Instructor, and also worked for three different jurisdictions from 1991 to 2015: Chief Building Official for City of Lakewood, Colorado from 2007 to 2015, Plans Examiner for City of Westminster 1996 to 2007, Inspector Pikes Peak Regional Building Department, and City of Westminster, CO, 1991 to 1996. He was a past member of the IBC General Committee for the 2015 code cycle, ICC/IEBC Committee for the 2009 and 2012 code cycles, and member of the Colorado Chapter of the ICC Code Change Committee since 1999.

**Mark Dunn** is the Chief Plumbing, Gas and Mechanical Inspector for the City of Hoover, Alabama where he has been employed for 22 years. Before employment with the City of Hoover Mark was a member of the Plumbers and Steamfitters Local #91 in Birmingham, Alabama which he joined in 1978. He has a State of Alabama Master Plumbing and Gas Fitters certification along with Plumbing, Mechanical and Gas ICC certifications. (Certifications are Alabama Certificate for Master Plumber and Gas Fitter. ICC Certified Plumbing Inspector, Certified Plumbing Plans Examiner, Certified Mechanical Inspector, Certified Mechanical Plans Examiner). Mark has been an Instructor for the Alabama Association of Plumbing, Gas and Mechanical Inspectors for several years and has also served on ICC Plumbing Code Committees. He also teaches as an ICC instructor as well as being involved in assisting in the writing of code training materials for the ICC.

**Shirley Muns Ellis** is the Energy Code Specialist at the Energy Systems Laboratory, Texas A&M University System. She is also a contract instructor for the International Code Council instructing classes on Green Building, Energy Conservation, Residential and Building Codes, and Codes of Contractors.

**Jamie Hill** is an Architectural Barriers Program Specialist. She enjoys helping Texas become more accessible. Jamie volunteers with the Travis County Constable's Disabled Parking Enforcement, photographing and ticketing cars that should not be in accessible parking.

**Jamila C. Johnson, P.E., C.F.M.** is the Infrastructure Policy Manager for Houston Public Works. In this role, she is responsible for developing policy related to City's infrastructure, acting as a liaison between Houston Public Works and local, state and national agencies and governmental entities and participating on the City's Harvey Recovery Leadership Team. Prior to her current role at the City, Jamila was the City's Floodplain Manager for over 9 years and was responsible for leading one of the nation's largest local floodplain management programs. Prior to joining the City of Houston, Jamila spent 15 years as a consulting engineer specializing in the development of Commercial Real Estate in the Houston, Austin, Dallas, San Antonio and Tennessee.

**Norman Kieke** has been a Program Specialist, (currently Program Specialist V), in the Architectural Barriers Program with the Texas Department of Licensing and Regulation since September 2008. The AB Program is a team which supports a fair and effective means for businesses and buildings to be accessible, not only for all Texans, but especially for Texans who have disabilities. A native Austinite, his career has been in the service of people with disabilities having enjoyed a twenty-seven-year career as Executive Director of United Cerebral Palsy Association of the Capitol Area in Austin.

**L. Keith Lofland** is the IAEL Director of Education and an International Instructor for IAEL. He was a member of Code Making Panel-9 for the 2008, 2011, 2014, and 2017 NEC. Mr. Lofland was former Chief MEP Inspector for the City of Garland and has 23+ years of experience as Electrical Inspector and Master Electrician-State of Texas. He holds Electrical Inspector Certifications from IAEL and ICC.

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## INSTRUCTOR PROFILES

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**Anthony Major** retired from the City of Austin, Austin Code Department in September of 2017 after 26 years of service. Prior to working with the Austin Code Department, he worked for Austin Resource Recovery (14 yrs.) Human Resources Division. He is currently employed with (TEEX) Texas A&M Engineering Extension Services as a Training Specialist. While managing Major Education Training Services (M.E.T.S.) he has taught for the American Association of Code Enforcement (AACE), Building Officials Association of Texas (BOAT), Building Professional Institute (BPI) and Code Enforcement Association of Texas (CEAT).

**Frank Morris** is a nationally recognized instructor with over 40 years' experience in the construction and code industry. He has been an instructor for SBCCI and ICC as well as being President of Tri-State Consultants, a successful construction and code consulting company. Frank is also President of StudyTheCode.com, an industry-wide and noted online code-training and study aids website.

**Mark Ode** is a lead engineering associate for Energy & Power Technologies at Underwriters Laboratories, Inc. and is a member of the National Electrical Code Correlating Committee and the 2017 NEC code-making panels 3 and 13.

**Gil Rossmiller**, having been in the construction industry for over 40 years, bring a hands-on perspective to building code compliance. He was the Chief Building Official for Parker, Colorado from 2003-2016 and has been active in building code development. He served on the International Residential Code / Plumbing and Mechanical code development committee for the 2009 and 2012 editions of the IRC and on the Commercial Energy Code development committee for the 2015 and 2018 codes. Gil currently is serving on the Residential Energy Code Development committee for the 2021 IECC.

**Kevin Scott** is President of KH Scott & Associates, LLC and serves on the Board of Directors for the International Code Council. During his 30-year career with the Kern County California Fire Department he worked up through the ranks in his career and served the Fire Department in several different capacities, retiring at the position of Deputy Chief. For 20 years he served in the Office of Fire Prevention, served as Chairman of the Southern California Fire Code Committee, and served on the Board of Directors for the Southern California Fire Prevention Officers Association under the California Fire Chiefs Association. He also served four years as a member of the Uniform Fire Code Development Committee, participated on the Drafting Committee of the International Fire Code, and served on the Code Development Committee for the International Fire Code from 1998 until 2004 when he was elected to the Board of Directors for the International Code Council.

**Russell Thornburg**, with over 31 years of experience, brings to the classroom first-hand knowledge of many aspects of the building industry from the basics of home ownership, to general contracting, to field inspection and plans examiner. For more than twenty years he was self-employed as a licensed general contractor and has over 17 years of experience working for municipalities in the state of Minnesota and Kansas. During this time, he began teaching Building Inspection Technology programs for Minnesota State Colleges and Universities, as well as Continuing Education Seminars from around the country and ICC chapters. After a short stint serving as Program Manager for Johnson County Contractor Licensing of KS he has returned to Texas and now writes and develops code seminars and presents these programs for various organizations, including municipalities, institutes, ICC chapters, Home Builder Associations, and industries throughout the United States.

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# INSTRUCTOR PROFILES

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**Brent Ursenbach** is the Energy/Mechanical Code Specialist at West Coast Code Consultants and is an ICC Certified Building Official and a LEED Accredited Professional. He recently retired as a Building Inspector from Salt Lake County. Previous experience includes 33 years in HVAC contracting and 5 years as adjunct faculty at SLCC. He currently serves on several ICC Code Development and Interpretation Committees, ACCA Committees and the Utah Chapter ICC Code Development Committee. He is a Past President on the RMGA (Rocky Mountain Gas Association) Board of Directors and serves as Chair, Utah UBCC Mechanical Advisory Committee. Brent has presented numerous seminars and classes on energy, mechanical and fuel gas code, as well as HVAC design principles and currently provides statewide energy code training, working with the Utah Governor's Office of Energy Development Building Talks Program. He received a B.S. in Sustainability Studies from U-Mass Amherst UWW.

**Chris Van Rite** is VP of Sales, M&M Manufacturing Company (34 years). He is a member of ASHRAE, a voting member of the Residential Building Committee, and a corresponding member of TC 5.2 Duct Design. Chris is also an active member of ICC, IAPMO, ACCA, and RSES.

**Kelvin Beene** is a Nationally Certified Training Instructor with almost 3 decades of enforcement experience ranging from law enforcement, code enforcement and protective services. His passion is providing quality training for various organizations while interjecting and engaging, fun-filled learning environment. An active ICC Preferred Provider that is prepared to engage employees with a host of experience, knowledge and engagement. He currently holds the Office of President of the American Association of Code Enforcement as well as the President of the Illinois Association of Code Enforcement. He serves as the Property Standards Manager for the City of Aurora Illinois. He is also the CEO of the Code Performance Consultants who specializes in training enforcement staff of the current best practices in the profession. We also focus on creating well-rounded enforcement officers, and managers, with real life scenario-based training and assisting departments perform at a peak level through analysis and prioritizing roles and responsibilities for staff.



PREFERRED  
EDUCATION  
PROVIDER



DoubleTree by Hilton, 8181 Airport Blvd., Houston, TX 77061  
February 17-20, 2020

## PROGRAM SCHEDULE

### Monday, February 17, 2020

7:00 AM	-	8:00 AM	Exhibitor setup, Exhibitor Showcase opens @ 8:00 am
7:30 AM	-	8:30 AM	Registration opens, Coffee is available
<b>8:00 AM</b>	-	<b>12:00 PM</b>	Understanding Texas Accessibility Requirements (4 hr. course)
<b>8:30 AM</b>	-	10:00 AM	BPI <b>Courses Start</b> – See Posted Daily Classroom Schedule
10:00 AM	-	10:30 AM	Refreshment Break for all courses, Exhibitor Showcase
10:30 AM	-	12:00 PM	BPI Courses
11:30 AM	-	1:00 PM	Staggered 1-Hour Lunch (For Full Day Attendees), Exhibitor Showcase
<b>1:00 PM</b>	-	<b>5:00 PM</b>	Applying Texas Accessibility Standards (4 hr. course)
1:00 PM	-	2:15 PM	BPI Courses – See Posted Daily Classroom Schedule
2:15 PM	-	2:30 PM	Refreshment Break, Exhibitor Showcase
2:30 PM	-	4:15 PM	BPI Courses – See Posted Daily Classroom Schedule

### Tuesday, February 18, 2020

7:30 AM	-	8:30 AM	Registration opens, Coffee is available
8:00 AM	-	8:30 AM	Exhibitor Showcase Open
<b>8:00 AM</b>	-	<b>5:00 PM</b>	TAS Academy (8 hr. course)
<b>8:30 AM</b>	-	10:00 AM	BPI <b>Courses</b> – See Posted Daily Classroom Schedule
10:00 AM	-	10:30 AM	Refreshment Break All Courses, Exhibitor Showcase
10:30 AM	-	12:00 PM	BPI Courses, See Posted Daily Classroom Schedule
11:30 AM	-	1:00 PM	Staggered 1-Hour Lunch (For Full Day Attendees), Exhibitor Showcase
1:00 PM	-	2:15 PM	BPI Courses, See Posted Daily Classroom Schedule
2:15 PM	-	2:30 PM	Refreshment Break, Exhibitor Showcase
2:30 PM	-	4:15 PM	BPI Courses - See Posted Daily Classroom Schedule



DoubleTree by Hilton, 8181 Airport Blvd., Houston, TX 77061  
February 17-20, 2020

**PROGRAM SCHEDULE (cont'd)****Wednesday, February 19, 2020**

7:30 AM	-	8:30 AM	Registration opens, Coffee is available
8:00 AM	-	8:30 AM	Exhibitor Showcase Open
8:00 AM	-	5:00 PM	TAS Academy (8 hr. course)
8:30 AM	-	10:00 AM	<b>BPI Courses Start</b> - See Posted Daily Classroom Schedule
10:00 AM	-	10:30 AM	Refreshment Break All Courses, Exhibitor Showcase
10:30 AM	-	12:00 PM	BPI Courses - See Posted Daily Classroom Schedule
11:30 AM	-	1:00 PM	Staggered 1-Hour Lunch (Full Day Attendees), Exhibitor Showcase
1:00 PM	-	2:15 PM	BPI Courses – See Posted Daily Classroom Schedule
2:15 PM	-	2:30 PM	Refreshment Break
2:30 PM	-	4:00 PM	BPI Courses, See Posted Daily Classroom Schedule
3:00 PM			<b>Exhibitor Showcase closes</b>

**Thursday, February 20, 2020**

7:30 AM	-	8:30 AM	Registration opens, Coffee is available
8:00 AM	-	5:00 PM	<b>Re-Certification for Plumbing Inspectors/CE for License Renewal (8hr. course)</b>
8:30 AM	-	10:30 AM	<b>BPI Courses start</b> , See Posted Daily Classroom Schedule
10:00 AM	-	10:15 AM	Refreshment Break, All Courses
10:15 AM	-	12:00 PM	BPI Courses – See Posted Daily Classroom Schedule
11:30 AM	-	1:00 PM	Staggered 1-Hour Lunch (For Full Day Attendees, All Courses)
1:00 PM	-	2:30 PM	BPI Courses – See Posted Daily Classroom Schedule
2:30 PM	-	2:45 PM	Refreshment Break
2:45 PM	-	4:15 PM	BPI Courses – See Posted Daily Classroom Schedule



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## REGISTRATION FEES

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### Early Bird Registration Rates – *Before January 31, 2020*

Full Day	\$140.00
½ day	\$ 75.00

### Regular Registration Rates – *After January 31, 2020*

Full Day	\$150.00
½ day	\$ 80.00

### On-Site Registration Rates

Full Day	\$150.00
½ day	\$ 80.00

[REGISTER NOW!](#)

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## HOTEL INFORMATION

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### DoubleTree by Hilton Houston Hobby Airport

8181 Airport Boulevard  
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**Group Name:** Building Professional Institute

*Book by **February 2, 2020** to reserve your room.*

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NOW!](#)



# 20<sup>th</sup> Houston Building Professional Institute



## REGISTRATION FORM



### PARTICIPANT INFORMATION

ICC Member Number			
First Name		Middle Initial	
Last Name			
Job Title			
Jurisdiction/Organization			
Address			
City			
State/Province			
Zip Code		Country	
E-Mail Address			
Phone Number		Extension	
Fax Number			

Please indicate if you require special seminar room accessibility accommodations:

### SEMINAR REGISTRATION

MONDAY February 17, 2020	Full Day Session	_____	AM Session	_____	PM Session	_____
TUESDAY, February 18, 2020	Full Day Session	_____	AM Session	_____	PM Session	_____
WEDNESDAY, February 19, 2020	Full Day Session	_____	AM Session	_____	PM Session	_____
THURSDAY, February 20, 2020	Full Day Session	_____	AM Session	_____	PM Session	_____

### REGISTRATION FEES

I am attending all 3 days:	\$ 560 for 4 full days <i>(before January 31, 2020)</i>	\$ 600 for 4 full days <i>(after January 31, 2020)</i>	\$ _____
I am attending less than 3 days:	\$140 a day or \$75 half-day <i>(before January 31, 2020)</i>	\$150 a day or \$80 half-day <i>(after January 31, 2020)</i>	\$ _____

### PAYMENT OPTIONS

<input type="checkbox"/>	BILL ME (Code Council Members only)
<input type="checkbox"/>	PAYMENT ENCLOSED      Make checks payable to: International Code Council
<input type="checkbox"/>	CREDIT CARD PAYMENT      Please register online at <a href="http://www.iccsafe.org/BPIHouston">www.iccsafe.org/BPIHouston</a>

Submit completed forms to:

Mail: International Code Council • 4051 Flossmoor Road • Country Club Hills, IL 60478 • Fax: 708-799-2651

Questions? Contact the International Code Council at 1-888-422-7233, extension 33821 or email [lchagolla@iccsafe.org](mailto:lchagolla@iccsafe.org)