



INTERNATIONAL
CODE
COUNCIL®

People Helping People Build a Safer World®



19th Houston Building Professional Institute

February 18-21, 2019
Exhibitor Showcase Daily

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



PREFERRED
EDUCATION
PROVIDER



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



BUILDING PROFESSIONAL INSTITUTE

2019 19th Annual
Houston BPI



DoubleTree by Hilton, 8181 W Airport Blvd., Houston, TX 77061
February 18-21, 2019

TRACK	Monday		Tuesday		Wednesday		Thursday	
	AM	PM	AM	PM	AM	PM	AM	PM
	18-Feb-19		19-Feb-19		20-Feb-19		21-Feb-19	
Code Enforcement	One-Hour Legal Updates and Warrants <i>Session 1</i>	Verbal Judo <i>Session 2</i>			2 Hr. "If It's Not in Writing It Didn't Happen" <i>Session 3</i>	2 Hr. Substandard vs. Dangerous <i>Session 4</i>	Mental Health and Code Enforcement <i>Session 5</i>	1.5 Hr. 85 th Texas Legislature Updates
					2 Hr. How to Proceed with Difficult Cases <i>Session 3</i>			1.5 Hr. Officer's Ethics <i>Session 6</i>
Energy Code							Commercial Energy Code Application for Plan Examiners and Inspectors <i>Session 7</i>	Texas Residential Energy Code Field Study <i>Session 8</i>
Fire Protection Code	2015 IFC Flammable Liquids and Gases <i>Session 9</i>		2015 I-Code Commercial Cooking Operations <i>Session 10</i>	2015 IFC Fire Pumps <i>Session 11</i>	2015 IFC High Piled Combustible Storage <i>Session 12</i>			
IBC	Means of Egress <i>Session 13</i>		Fire Related Assemblies, Fire-Stopping and Joint Systems <i>Session 14</i>		Interior Finishes and Foam Plastics <i>Session 15</i>	Inspecting Fire-Resistant Rate Floor/Ceiling and Roof/Ceiling Assemblies <i>Session 16</i>	2015 IBC Structural Loads-Wind "For Non-Engineers and Engineers" <i>Session 17</i>	2015 IBC Wood Framed Shear Walls "For Non-Engineers and Engineers" <i>Session 18</i>
IRC	Basic Electrical Inspections and Wiring Methods <i>Session 19</i>		Inspecting CSST Gas Piping in Accordance with Texas Code <i>Session 20</i>	Residential Plumbing Inspection <i>Session 21</i>	Moisture Intrusion <i>Session 22</i>		Inspecting Wood Framing Construction <i>Session 23</i>	



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Mechanical Code	Commercial Mechanical Code Inspections – 2015 UMC/IMC <i>Session 24</i>		ACCA/ANSI Manuals J, D & S- The Path to Comfort & Efficiency <i>Session 25</i>					
NEC	Basic Electrical Inspections and Wiring Methods <i>Session 19</i>		Grounding and Bonding 2017 NEC Article 250/TDLR Electrical <i>Session 27</i>		Service and Feeders Installations 2017 NEC Articles 230 & 225 plus Hazardous Locations in NEC Articles 514/516 <i>Session 28</i>		2017 National Electrical Code Changes <i>Session 29</i>	
Permit Technician Code	From Techs to Specs-Introduction to the basics of Plan Review and Inspections <i>Session 30</i>		The Basic Understanding of the IRC Inspection Requests <i>Session 31</i>				Why We Permit & Best Practices for Permit Techs <i>Session 32</i>	
Plumbing Code					Engineering Single Stack and other Methods of Venting <i>Session 33</i>			
Texas Accessibility Standards	(4 Hr.) Understanding TX Accessibility Standards <i>Session 34</i>	(4 Hr.) Applying TX Accessibility Standards <i>Session 35</i>						
Texas Accessibility Academy			(8 Hr.) Texas Accessibility Academy Day 1 <i>Session 36</i>		(8 Hr.) Texas Accessibility Academy Day 2 <i>Session 37</i>			

COURSE DESCRIPTIONS AND INSTRUCTORS

CODE ENFORCEMENT

**Monday
AM**

One-Hour Legal Updates and Warrants

This class will provide the 1-hour legal update along with how to write a warrant and citation. The Legal Updates class covers the latest legislative updates which impact code enforcement. The class on Warrants will help students identify the legal right to obtain a search or seizure warrant according to the Texas Code of Criminal Procedures. It will also identify the differences between Code Warrants and PD Warrants and describe what information is needed on a search/seizure warrant. This class will also discuss how warrants can be obtained to identify sign violators.

Instructor: Reginal R. Jackson - City of Killeen

**Monday
PM**

Verbal Judo

This class will show officers how to deploy the tactic of empathy instead of sympathy and better citizen interaction with hands-on demonstrations showing how to handle or deal with irate citizens. Good customer service and positive community response is the goal to achieve compliance.

Instructor: Lee Watts - City of Killeen

**Wednesday
AM**

(2 Hr.) "If It's Not in Writing It Didn't Happen"

This class will help attendees better understand the importance of documenting and what to document regarding Code Enforcement Cases.

(2 Hr.) How to Proceed with Difficult Cases

This class will help attendees be able to proceed with cases which make it difficult to progress to the next process due to absentee owner, multiple owners (Trust), or historical issues. The class will emphasize the importance of documenting such cases.

Instructor: Anthony Majors - TEEEX

**Wednesday
PM**

(2 Hr.) Substandard vs. Dangerous

This class will help attendees be able to identify four major systems which help to make a residential structure and be able to locate failed components within those systems which may deem the structure substandard or dangerous.

Instructor: Anthony Majors - TEEEX



COURSE DESCRIPTIONS AND INSTRUCTORS

**Thursday
AM**

Mental Health and Code Enforcement

This class will cover the importance of making a good diagnostic impression while using de-escalation techniques during interactions with clients in crisis from a code enforcement perspective. The presentation will cover general mental health diagnostic information, hoarding, communication as it relates to de-escalation, body language, and ways to stay safe while working in the field. Code Officer Safety tips will include how to deal with aggressive citizens in unstable and dangerous situations, with an emphasis on officer safety and situational awareness. The class will be co-presented with Officer Sanders, Mental Health Peace Officer from Euless PD, and Ken Bennett, LCSW Mental Health Coordinator for Hurst, Euless, and Bedford PD.

Instructor: Ken Bennet - Mental Health Coordinator HEB

Instructor: C.B. Sanders - City of Euless

**Thursday
PM**

(1.5 Hr.) 85th Texas Legislature Updates

This class will assist attendees to better understand the process of how a bill becomes a law. In addition, the class will review bills from the 85th Legislation which may or may not have become law and how they may directly or indirectly influence the Code Enforcement profession.

Instructor: Anthony Majors - TEEEX

(1.5 Hr.) Officer's Ethics

The objective of this class is to assist Code Enforcement Officers to better understand their ethical responsibility through review and discussion of the Texas Occupation Code Chapter 1952.151.

Instructor: Anthony Majors - TEEEX

ENERGY CODE

**Thursday
AM**

Commercial Energy Code Application for Plan Examiners and Inspectors

This session will begin with an overview of the 2015 IECC (TX State Energy Code) including significant changes incorporated into the 2018 IECC. It will also include a review of the document submittals required for commercial energy code plan review and strategies for plan review. Due to the increased level of reliance on third party energy inspectors, the session will include a discussion of the Building Official's role in the approval, validation and quality control for 3rd parties. To help code officials enhance their energy code knowledge base, the session will include a review of key resources for additional energy code information.

Instructor: Richard Morgan – SPEER



COURSE DESCRIPTIONS AND INSTRUCTORS

**Thursday
PM**

Texas Residential Energy Code Field Study, Observations on the Impact of Insulation on Flood Remediation and an Overview of the ICC Government Member Voting Process

1. Texas is one of eight states engaged in the DOE Residential Energy Code Field Study. This four-year project included data collection in 2015 to establish a baseline for energy efficiency in residential single-family construction, a three-year Outreach and Education Effort and a final data collection process to evaluate changes in construction practices over the study timeframe. This session will review the findings and how the knowledge gained from the project will be used.
2. Following Hurricane Harvey SPEER visited a number of flood damaged homes in Houston to evaluate the impacts of various insulation materials on flood remediation. This session will describe the issues found and provide recommendations reconstruction.
3. The final decisions on approving or declining code change proposals in the ICC code change process are made by Government Member Voting Representatives. There are approximately 9,000 potential GMVRs in Texas but in the 2015 ICC voting process most decisions were made by fewer than 1,000 votes nationwide. This session will lay out the timeline and process for ensuring that Building Officials, Plans Examiners and Inspectors in your jurisdiction have the opportunity to make their voices heard in the ICC code change process.

Instructor: Richard Morgan - SPEER

FIRE PROTECTION CODE

**Monday
AM/PM**

2015 IFC Flammable Liquids and Gases

This class discusses the requirements for flammable and combustible liquids and flammable gases based on the 2015 International Fire Code. The discussion includes determining whether a liquid is classified as a flammable or combustible liquid, or whether a gas is classified as a flammable gas and indentifying the appropriate regulations based on the classification. The class will explain the difference between storage, use-open, and use-closed, along with applicable regulations. Discussion will also cover the provisions applicable to the safe storage, use, mixing and handling of flammable or combustible liquids and flammable gases.

Instructor: Kevin Scott - KH Scott & Associates LLC



COURSE DESCRIPTIONS AND INSTRUCTORS

**Tuesday
AM**

2015 I-Code Commercial Cooking Operations

This class addresses the requirements in the 2015 International Fire Code, International Building Code, International Mechanical Code, and International Fuel Gas Code applicable to commercial cooking operations. It covers determining when commercial cooking hoods are required, which type of hood is required for different cooking appliances, construction of commercial cooking hoods and ducts, air movement requirements for commercial cooking hoods, cooking oil storage and fire protection systems protecting commercial cooking hoods and appliances.

Instructor: Kevin Scott - KH Scott & Associates LLC

**Tuesday
PM**

2015 IFC Fire Pumps

This class addresses requirements in the 2015 International Fire Code and International Building Code and the 2013 NFPA 20 applicable to fire pumps. It covers the various types of fire pumps and the appropriate installation criteria based on the type of pump. It also addresses determining adequate fire pump size to comply with fire water supply requirements, evaluation of the fire pump curve and applying it to a specific facility, fire pump rooms, acceptance testing and routine testing requirements.

Instructor: Kevin Scott - KH Scott & Associates LLC

**Wednesday
AM/PM**

2015 IFC High Piled Combustible Storage

This class provides an understanding of the hazards associated with high-piled combustible storage and covers the provisions in Chapter 32 of the 2015 IFC. It also places special emphasis on the classification of commodities and understanding the design criteria based on the commodity classification in the IFC and NFPA 13.

Instructor: Kevin Scott - KH Scott & Associates LLC

INTERNATIONAL BUILDING CODE

**Monday
AM/PM**

Means of Egress

This class is a basic overview of the means of Egress requirements included in Chapter 10 of the IBC. The presentation will include detailed discussions on the design of the means of Egress in buildings. Subjects included in the class include the three parts of the Egress, occupant loads, Egress width, number of exits, travel distance, common path of Egress travel and exit enclosures. Practical examples will be used to illustrate code requirements.

Instructor: William Clayton - Colorado Code Consulting, LLC



COURSE DESCRIPTIONS AND INSTRUCTORS

- Tuesday**
AM/PM **Fire-Related Assemblies, Fire-Stopping and Joint Systems**
This class will focus on the different types of fire-resistant-related assemblies and systems required by the International Building Code. Resources on identifying different systems will be discussed. The class will also discuss the plan review and inspection of such assemblies and systems.
Instructor: William Clayton - Colorado Code Consulting, LLC
- Wednesday**
AM **Interior Finishes and Foam Plastics**
This class will provide a brief discussion of the requirements of Chapter 8 and 26 of the International Building Code. The flame spread requirements for interior wall and ceiling finishes will be evaluated to assist plans examiners and inspectors in determining code compliance. The installation and protection of foam plastics installed in buildings will also be discussed.
Instructor: William Clayton - Colorado Code Consulting, LLC
- Wednesday**
PM **Inspecting Fire-Resistant Rate Floor/Ceiling and Roof/Ceiling Assemblies**
This class is an in-depth discussion of the fire-resistant-related horizontal assemblies in Chapter 7 of the IBC. There will be a discussion of resources available to comply with these chapters. The class will also focus on the inspection of these types of assemblies including the coordination with the listed assembly and other building code requirements.
Instructor: William Clayton - Colorado Code Consulting, LLC
- Thursday**
AM **2015 IBC Structural Loads - Wind “For Non-Engineers and Engineers”**
This class reviews the details of developing wind loads using the 2015 International Building Code® (IBC®) and the wind load procedures in ASCE/SEI 7-10, Minimum Design Loads for Buildings and Other Structures. An overview of the methods used to determine wind loads in ASCE/SEI 7-10 for main-windforce resisting systems and components and cladding is included, as well as a discussion of the significance of the changes in ASCE/SEI 7-10 for the design of buildings.
Instructor: Sandra Hyde - ICC Product Development Group
- Thursday**
PM **2015 IBC Wood Framed Shear Walls “For Non-Engineers and Engineers”**
This class discusses the purpose of shear walls and reviews their design and use in light-frame wood construction using the 2015 International Building Code® (IBC®), 2015 Special Design Provisions for Wind and Seismic (2015 SDPWS) and 2015 National Design Standard® (NDS®). Topics include shear wall design, diaphragms, chords, collectors and anchorage, and determining when prescriptive braced wall panels vs. engineered shear walls are used.
Instructor: Sandra Hyde - ICC Product Development Group



COURSE DESCRIPTIONS AND INSTRUCTORS

INTERNATIONAL RESIDENTIAL CODE

Monday
AM/PM

Basic Electrical Inspections and Wiring Methods

This is a basic to intermediate level all-day class on wiring methods and installation requirements in the National Electrical Code (NEC) in both residential and commercial installation. There will be a review of common installation discrepancies including sizing device, junctions, straight, angle, and "U" pull boxes based on NEC Article 314. Additional topics include: How to coordinate and adjust conductor sizes to circuit breakers and fuse found in NEC Articles 240 and 310; Raceway/Conduit fill lemmatization using NEC Chapter 9; Wire and overcurrent sizing for Motors and Air-Condition Equipment; and how to use and apply the tables in NEC Article 250 for grounding and bonding. Additional material will cover the TDLR law, rules, and electrical safety NFPA 70E © for State of Texas electrical license renewal. The TDLR Course # is pending.

Instructor: Bill McGovern - Electrical Solution Code Services

Tuesday
AM

Inspecting CSST Gas Piping in Accordance with Texas Code

The edition and amendments associated with the IRC can be significantly different from city to city within the State of Texas. Furthermore, the installation of gas piping, including CSST is affected by other codes such as (IFGC and UPC) along with local amendments. In addition, the Texas Railroad Commission, which has jurisdiction over propane systems, specifies installation requirements from the National Fuel Gas Code (NFPA-54). This class will present the most current requirements for properly installing corrugated stainless steel tubing systems regarding both mechanical and electrical protection as well as general installation practices which are consistent throughout the State of Texas and in compliance with the CSST manufacturer's installation instructions.

Instructor: Bob Torbin - Omega Flex, Inc.

Tuesday
PM

Residential Plumbing Inspection

This class is based on the 2015 IRC and designed for the combination inspector. It will walk the students through the most important and overlooked plumbing mistakes found in plumbing installations.

Instructor: Robert Doran - Plumbers Continuing Education



COURSE DESCRIPTIONS AND INSTRUCTORS

Wednesday **Moisture Intrusion**

AM/PM

This class will discuss the building science behind moisture intrusion in the residential environment in relation to building code requirements. It will also 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. Participants will learn 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 2015 IRC. Students should bring their 2015 IRC.

Instructor: Russell Thornburg - Consultant

Thursday

AM/PM

Inspecting Wood Framing Construction

This class will cover wall framing, roof-ceiling construction along with engineered wood products and designs. Light conventional wood-frame construction, load paths, notching and boring, girders and headers, connections and brace walls, and roofing provisions of rafters and roof truss will be covered. This class is applicable to all aspects of the design/construction/regulatory community, including contractors and design professionals.

Instructor: Russell Thornburg - Consultant

MECHANICAL CODE

Monday

AM/PM

Commercial Mechanical Code Inspections - 2015 UMC/IMC

This class is a review of the general regulations in the mechanical codes as observed in the field with a discussion on inspecting various mechanical systems including ventilation, exhaust, ducts, air handlers, RTU's, heating and cooling systems, VAV, and variable refrigerant flow and fire dampers. Also, it includes an in-depth review of the requirements for Commercial Kitchens, including: exhaust equipment, grease ducts, grease duct testing, shafts or grease duct enclosure systems, Type I & II Hoods, make-up air, fire suppression systems. Students will see numerous photos from the field, and questions and discussion are welcome.

Instructor: Brent Ursenbach - West Coast Code Consultants



COURSE DESCRIPTIONS AND INSTRUCTORS

**Tuesday
AM/PM**

ACCA/ANSI Manuals J, D and S - The Path to Comfort and Efficiency

Occupant satisfaction is maximized when the heating and cooling *system* and *equipment* are the correct type and size and the *air distribution system* is properly designed and installed. The (IRC) has identified *Manual J - Residential Load Calculations, Manual D - Residential Duct Systems, and Manual S - Residential Equipment Selection* as the only procedures recognized by the American National Standards Institute for residential HVAC system design. This class will review basic principles, calculation methods, and will provide checklists specifically developed to verify the procedures of these Manuals have been followed. Learn why it is important to perform an accurate load calculation, design a proper duct system and select the correct equipment. Questions and discussion will be welcome throughout the class.

Instructor: Brent Ursenbach - West Coast Code Consultants

NATIONAL ELECTRICAL CODE

**Monday
AM/PM**

Basic Electrical Inspections and Wiring Methods

This is a basic to intermediate level all-day class on wiring methods and installation requirements in the National Electrical Code (NEC) in both residential and commercial installation. There will be a review of common installation discrepancies including sizing device, junctions, straight, angle, and "U" pull boxes based on NEC Article 314. Additional topics include: How to coordinate and adjust conductor sizes to circuit breakers and fuse found in NEC Articles 240 and 310; Raceway/Conduit fill lemmatization using NEC Chapter 9; Wire and overcurrent sizing for Motors and Air-Condition Equipment; and how to use and apply the tables in NEC Article 250 for grounding and bonding. Additional material will cover the TDLR law, rules, and electrical safety NFPA 70E © for State of Texas electrical license renewal. The TDLR Course # is pending.

Instructor: Bill McGovern - Electrical Solution Code Services

**Tuesday
AM/PM**

Grounding and Bonding 2017 National Electrical Code Article 250/TDLR Electrical

This class is a basic to intermediate-level discussion about the fundamentals and practices of grounding and bonding. Color illustrations and photos of real electrical installations, systems, and equipment will clarify the principles of grounding and bonding. This topic will also include grounding of services, transformers, feeder panels, and bonding of equipment, multiple building, and swimming pools. Included is TDLR law, rules, and electrical safety NFPA 70E © for State of Texas electrical license renewal. The TDLR Course # is pending.

Instructor: Bill McGovern - Electrical Solution Code Services



COURSE DESCRIPTIONS AND INSTRUCTORS

**Wednesday
AM/PM** **Service and Feeders Installations 2017 National Electrical Code Articles 230 and 225 plus Hazardous Locations in NEC Articles 514 & 516, TDLR Electrical Law and Rules plus NFPA 70E Electrical Safety in the Workplace.**

This class will explain the major changes in the 2017 National Electrical Code. Included will be the reasons for these changes and a discussion of the substations. There will be a 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 ©. This class is a basic to intermediate-level class.

Instructor: Mark Ode - Energy & Power Technologies

**Thursday
AM/PM** **2017 National Electrical Code Changes**

This class will explain the major changes in the 2017 National Electrical Code. Included will be the reasons for these changes and a discussion of the substations. There will be a 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 ©. This class is a basic to intermediate-level class.

Instructor: Mark Ode - Energy & Power Technologies

PERMIT TECHNICIAN

**Monday
AM/PM** **From Techs to Specs-Introduction to the basics Plan Review and Inspections**

This class is designed specifically for those interested in making the transition from permit tech to residential plans examiner. We will discuss basic but essential steps such as reviewing plot plans, footings & slabs, wall and roof construction, and overall finish design. Participants will have the opportunity not only to learn plan review techniques, but also to strengthen their understanding of the building code vocabulary.

Instructor: Russell Thornburg - Consultant

**Tuesday
AM/PM** **The Basic Understanding of the IRC Inspection Requests**

Have you ever wondered what happens when you send inspectors out into the field? What is involved in a “rough-in electrical/gas inspection?” What do they do for a roofing inspection? What does a “final” look like? Using the International Residential Code (IRC), this class will identify the basic terminology and practices used in the building inspection process for developing and strengthening team communication.

Instructor: Russell Thornburg - Consultant



COURSE DESCRIPTIONS AND INSTRUCTORS

Thursday
AM/PM

Why We Permit and Best Practices for Permit Techs

This class is an overview of the State Laws and Building Code regulations affecting permitting requirements and submittal information. It will provide a high-level overview of the Administrative, Definitions and Building Planning chapters of the Building Codes to help permit techs better understand the reason behind the permitting requirements and plan information submitted. In addition, the class will discuss best practices and a checklist approach to the front counter of a permitting office.

Instructor: Lisa F. Brown, CPM, CFM - Consultant

PLUMBING CODE

Wednesday
AM/PM

Engineering Single Stack and other Methods of Venting

There are several ways to properly vent commercial plumbing systems including the engineered systems. This class will explore all the different methods, the different products and the code requirements. This class will give students a better understanding of how to apply the code when confronted with the various systems.

Instructor: Robert Doran - Plumbers Continuing Education

TEXAS ACCESSIBILITY STANDARDS

Monday
AM

(4 Hrs.) Understanding Texas Accessibility Standards

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 (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 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

Monday
PM

(4 Hrs.) Applying Texas Accessibility Standards

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 (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 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 1:00 PM AND ENDING AT 5:00 PM.

Instructor: Norman Kieke - Texas Department of Licensing and Regulation



COURSE DESCRIPTIONS AND INSTRUCTORS

TEXAS ACCESSIBILITY STANDARD ACADEMY

Tuesday
AM/PM

(8 Hours) Texas Accessibility Academy

This is day 1 of a 2-day class 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 and will participate in activities to reinforce technical content. The class 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

Wednesday
AM/PM

(8 Hours) Texas Accessibility Academy

This is day 2 of a 2-day class 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 and will participate in activities to reinforce technical content. The class 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 PROFILES

Ken Bennet served four years with the 101st Airborne Division with the United States Army and received an honorable discharge. He has earned a Bachelor of Arts in Psychology and a Master of Science in Social Work. Mr. Bennet is a Licensed Clinical Social Worker through the Texas State Board of Social Worker Examiners, a Certified Forensic Social Worker, and a Certified Anger Resolution Therapist.

Currently he works as the Mental Health Coordinator for Hurst, Euless, and Bedford Police Departments where he partners with Mental Health Peace Officers to intervene with the mentally ill. Mr. Bennet provides Crisis Intervention Training, Mental Health Peace Officer Training, Hostage Negotiation Training, and other specialized trainings including Peer Support.

Mr. Bennet has published a domestic violence intervention in the book, Strength-Based Batterer Intervention, by Peter Lehmann and Catherine A. Simmons. He has published articles in the Texas State Police Journal and the National Council Magazine. In 2016 he contributed an article titled: "A Proactive, Collaborative Approach to Community Mental Health; The Hurst, Euless, and Bedford (HEB) Model," which was published in the IACP magazine, "The Police Chief."

Lisa Brown owns City Code Girl Consulting and Training, which specializes in Project Management and Building Fire and Energy Code Consulting. She holds a Certified Public Manager from Sam Houston State University and a degree from Baker College in Industrial Technology and Building Science. In addition, she carries 9 inspection certifications from the International Code Council, Texas Floodplain Managers Association and RESNET.

Mrs. Brown has worked for over 20 years in the code business including a successful 17-year career in the Building Department Management at the City of Houston as Asst. Code Administrator and Code Administrator. She also worked as Deputy Building Official of the City of Baytown prior to opening her own business. Mrs. Brown is a SPEER Energy Code Ambassador, Certified Floodplain Manager, and Co-Chair of the Houston Building Professional Institute for the Building Officials Association of Texas.

First and foremost, she is happily married and a proud mom of 20, 13 and 8-year-olds!

William "Bill" Clayton CBO, CBCO, CHCO, is a former Builder/Designer from 1974 to 1991, Code Consultant, Plans Examiner, and Inspector. He is currently employed as Instructor, Colorado Code Consulting since 2015. He worked for three different jurisdictions from 1991 to 2015: Chief Building Official for City of Lakewood, Colorado from 2007 to 2015; Plans Examiner, City of Westminster, 1996 to 2007; Inspector, Pikes Peak Regional Building Department and City of Westminster, CO, 1991 to 1996. He previously worked as a member of IBC general committee for the 2015 code cycle and member of ICC/IEBC committee for 2009 and 2012 code cycles. He is currently a member of the Colorado Chapter of the ICC Code Change Committee since 1999.

Mr. Clayton's certifications include: 13 ICBO & ICC certifications including Building, Mechanical, Plumbing Inspector; Energy, Accessibility, Property Maintenance & Housing; Residential Fire Sprinkler; IBC/IRC Plans Examiner; four FEMA Emergency Management certifications; California Governor's Office of Emergency Services; certified Safety Assessment Inspector; and State of Colorado Public School Inspector.



INSTRUCTOR PROFILES

Crisi Cooper is a Program Specialist in the Architectural Barriers Program with the Texas Department of Licensing and Regulation. She became a Registered Accessibility Specialist in 2004 and joined the Texas Department of Licensing and Regulation team in 2015.

Ms. Cooper is a native Texan and has a master's degree in Architecture. She is a published author and her career includes positions in Project Management, program development, corporate training, and as a college instructor.

Bobby Doran Master plumber for 30 years; began his teaching career with Texas A&M University Engineering Extension services at the beginning of the CPE program in 1994; active member of ASPE DFW chapter, and donates his time to many different types of training towards the Health and Safety of the State; personally contributed in the development of all the training manuals, including writing for CPE books and designing of power point presentations to maximize the time-to-learn ratio to insure the best possible score on all certifications tests; currently involved with the Texas Residential Fire Sprinkler Coalition in demonstrating the importance of sprinkler systems in the home.

Sandra Hyde, P.E. is a staff engineer with the ICC Product Development Group where she develops and reviews technical resources dealing with the structural provisions of the codes. Sandra has developed technical seminars for the IBC and IRC highlighting code changes. She has experience in manufacturing and research with an engineered wood products company. With a master's degree in Structural Engineering, Ms. Hyde is a Registered Civil Engineer in Idaho and California and member of the Structural Engineers Association of Idaho and the local and state chapters of building officials.

Reginal Jackson is a Code Enforcement Officer in Killeen, TX. Mr. Jackson's experience includes working in Fort Worth as a code Enforcement Officer, Supervisor and Training Officer. He also has worked with Texas A&M TEEEX as a Senior Training Specialist. During his experience with TEEEX he was an instructor and developer of many Code Enforcement curriculums being taught today. Mr. Jackson was also the Liaison for Code Enforcement with the Texas State Legislature.

Norman Kieke is a native Austinite and graduate of the University of Texas at Austin. He has been employed and involved in the field of services for persons with disabilities for over thirty-seven years. Currently employed by the Texas Department of Licensing and Regulation, his current job title is Program Specialist V, Accessibility Specialist Team Lead. Among other duties, the job involves (1) overseeing compliance with the Texas Accessibility Standards for all commercial and public construction projects and all state agency leases in the State of Texas (2) training program staff and the public on the Texas Architectural Barriers Act, the program Rules and the Texas Accessibility Standards. Prior employment was in the nonprofit sector for twenty-seven years as Executive Director of successive agencies: Disability Assistance of Central Texas and United Cerebral Palsy Association of the Capitol Area.

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 (AAACE), Building Officials Association of Texas (BOAT), Building Professional Institute (BPI) and for Code Enforcement Association of Texas (CEAT).



INSTRUCTOR PROFILES

Bill McGovern was the previous Electrical Inspection Services Supervisor for the City of Plano, Texas. He represents Intertek as an alternate member on CMP-2 and formally served as Chairman on the ICC Electrical Exam Development. Mr. McGovern also serves as a committee member on various NECA National Electrical Installation Standards (NEIS). He served in the United States Marine Corps as an Aircraft Electrician, completed an electrical apprenticeship in the IBEW and holds a Master Electrician license in the State of Texas.

Richard Morgan is the Sr. Energy Codes Manager for the South-central Partnership for Energy Efficiency as a Resource, the Regional Energy Efficiency Organization serving Texas and Oklahoma. The Energy Code Program is responsible for expanding knowledge of state energy codes and providing outreach and education to code officials, builders and contractors in their efforts to comply with the code. Prior to joining SPEER Richard was the Green Building and Sustainability Manager for Austin Energy, the municipal electric utility for the City of Austin, TX. Richard has participated in many regional and national green building and energy code working groups and committees including acting as Chair of the Energy Working Group of the ICC Sustainable Building Technology Committee for the development of the first version of the International Green Construction Code.

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.

C.B. Sanders has been a police officer with the Euless Police Department since 1992. He is a veteran of the Texas Army National Guard serving nine years as a non-commissioned officer in the Headquarters Company of the 2nd BDE, 49th Armored Division. While at Euless, SPO Sanders has served as a School Resource Officer, Field Training Officer, Crisis Negotiator Team Leader, CISM team member and Peer Support team member. He holds a Master Peace Officer License and has been awarded Rookie of the Year, Certificate of Merit and numerous personal commendations. Currently SPO Sanders is a full time Mental Health Peace Officer on the Joint Mid Cities Mental Health Team.

Kevin Scott is President of KH Scott & Associates, LLC. 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.



INSTRUCTOR PROFILES

Russell Thornburg has over 30 years of construction and inspection experience, including 17 years as an educator. He is currently employed as Plan Examiner for the Johnson County, Kansas, Building and Codes Department. He earned a BS degree in Religion/English from the University of Mary Hardin-Baylor and earned a Master of Divinity in Theology/Education from Southwestern Baptist Theological Seminary in Texas. Mr. Thornburg received his certification in Building Inspection Technology from North Hennepin Community College in Minnesota and has taught both building inspection technology classes at community colleges and continuing education seminars for contractors. In his spare time Mr. Thornburg develops code seminars for various municipalities and organizations.

Bob Torbin has worked for over 35 years in the development of innovative fuel gas piping systems and related technologies. He has a BS in Mechanical Engineering from Northeastern University and an MS in Mechanical Engineering from WPI. He is a Registered Professional Engineer and serves as a member of several national standards committees including the CSST ANSI LC-1 TSC, the CSA Manual Valve TSC, and press connections ANSI LC-4 TSC. Mr. Torbin is also a voting member of the NFPA 54 Technical Committee. He is the author/co-author of over 100 technical reports, journal articles and conference papers including many on gas distribution research. He lectures to numerous gas industry organizations and plumbing, mechanical, electrical and fire inspector groups every year.

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. Mr. Ursenbach has presented numerous seminars and classes on energy, mechanical and fuel gas code, as well as HVAC design principles. He received a BS in Sustainability Studies from U-Mass Amherst UWW. He currently provides statewide energy code training, working with the Utah Governor's Office of Energy Development Building Talks Program.

Lee Watts is a 14-year veteran of the US Army Combat Assault Bridge Company where he was assigned as an assault float ribbon supervisor. He worked in the City of Waco as a Code Officer and then as a Rehab Inspector for CDBG for 2 years. He is now working for the City of Killeen as a Field supervisor II. Mr. Watts has 19 years of experience in the Field of Code Enforcement.





DoubleTree By Hilton, 8181 W Airport Blvd., Houston, TX 77061
February 18-21, 2019

PROGRAM SCHEDULE

Monday, February 18, 2019

7:00 AM	8:30 AM	Exhibitor setup, Exhibitor Showcase opens @ 8:00 am
7:15 AM		Registration opens, Coffee is available
8:00 AM	12:00 PM	Texas Accessibility Code Classes start
8:30 AM		HBPI Classes start
10:00 AM	10:30 AM	Refreshment Break, Exhibitor Showcase
11:30 AM	1:00 PM	Lunch (Full Day Attendees Only)
2:30 PM	3:00 PM	Refreshment Break, Exhibitor Showcase
2:45 PM	4:15 PM	HBPI Classes Resume, Exhibitor Showcase Closed

Tuesday, February 19, 2019

7:15 AM		Registration opens, Coffee is available
8:00 AM		Exhibitor Showcase Opens
8:00 AM	12:00 PM	Texas Accessibility Code Classes start
8:30 AM		HBPI Classes start
10:00 AM	10:30 AM	Refreshment Break, Exhibitor Showcase
11:30 AM	1:00 PM	Lunch (Full Day Attendees Only)
2:30 PM	3:00 PM	Refreshment Break, Exhibitor Showcase
2:45 PM	4:15 PM	HBPI Classes Resume, Exhibitor Showcase Closed

Wednesday, February 20, 2019

7:15 AM		Registration opens, Coffee is available
8:00 AM		Exhibitor Showcase Opens
8:00 AM	12:00 PM	Texas Accessibility Code Classes start
8:30 AM		HBPI Classes start
10:00 AM	10:30 AM	Refreshment Break, Exhibitor Showcase
11:30 AM	1:00 PM	Lunch (Full Day Attendees Only)
2:30 PM	3:00 PM	Refreshment Break, Exhibitor Showcase
2:45 PM	4:15 PM	HBPI Classes Resume, Exhibitor Showcase Closed

Thursday, February 21, 2019

7:15 AM		Registration opens, Coffee is available
8:00 AM	12:00 PM	Texas Accessibility Code Classes start
8:30 AM		HBPI Classes start
10:00 AM	10:30 AM	Refreshment Break
11:30 AM	1:00 PM	Lunch (Full Day Attendees Only)
2:30 PM	3:00 PM	Refreshment Break
2:45 PM	4:15 PM	HBPI Classes Resume



REGISTRATION FEES

Early Bird Registration Rates – *Before February 8, 2019*

Full Day	\$140.00
½ day	\$ 75.00

Regular Registration Rates – *After February 8, 2019*

Full Day	\$150.00
½ day	\$ 80.00

On-Site Registration Rates

Full Day	\$150.00
½ day	\$ 80.00

[REGISTER NOW!](#)

HOTEL INFORMATION

DoubleTree by Hilton Houston Hobby Airport

8181 Airport Boulevard
Houston, TX 77061
713-645-3000

Group Name: Houston Building Professional Institute

*Book by **February 3, 2019** to reserve your room.*

[BOOK MY ROOM
NOW!](#)



19th 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 18, 2019	Full Day Session	_____	AM Session	_____	PM Session	_____
TUESDAY, February 19, 2019	Full Day Session	_____	AM Session	_____	PM Session	_____
WEDNESDAY, February 20, 2019	Full Day Session	_____	AM Session	_____	PM Session	_____
THURSDAY, February 21, 2019	Full Day Session	_____	AM Session	_____	PM Session	_____

REGISTRATION FEES

I am attending all 3 days:	\$ 560 for 4 full days <i>(before February 8, 2019)</i>	\$ 600 for 4 full days <i>(after February 8, 2019)</i>	\$ _____
I am attending less than 3 days:	\$140 a day or \$75 half-day <i>(before February 8, 2019)</i>	\$150 a day or \$80 half-day <i>(after February 8, 2019)</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 Our Accounting Department will be contact you to obtain Credit Card information. Please provide name and phone number to contact: Name: _____ Phone Number: _____

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