

Agenda

Presented by Donald Stafford

Development and Enforcement of International Residential Code in Texas

History of the International Residential Code 2018 (IRC)
Adoption and enforcement of 2018 International Residential Code in Texas:
Texas Windstorm Insurance Association (TWIA)
Recent and anticipated code amendments
Future of the code

Building Planning and Shell Construction (Chapters 2-10)

Definitions	Alternative provisions and design criteria
Wind effects and protection of openings	
Seismic provisions	Story height and live loads
Fire-resistant construction and exterior walls	
Dwelling unit separations and garage separation	
Ceiling heights	Glazing
Ingress, egress and stairways	Garages and carports
Fire and carbon monoxide safety and detection	
Foam plastic	Wood and wood-based products
Accessibility	Floods, storms and drainage
Soils and foundations	Framing and fastening
Walls and wall covering	Roof/ceiling construction
Roof assemblies	Fireplaces and chimneys

Energy Efficiency (Chapter 11)

Compliance	Building thermal envelope
Climate classifications	Permanent energy certificate
Insulation and fenestration	Building systems
Lighting	

Mechanical, Fuel, Plumbing and Electrical Systems—

Uniform Plumbing Code (UPC) and National Electrical Code (NEC)

Appliance installation and exhaust systems	
Ventilation	Hydronic systems
Fuel gas systems and appliances	
Plumbing fixtures	Drains
Backflow preventers, venting, sumps and ejectors	
Fire sprinkler systems	Electrical system grounding
Intersystem bonding termination	
Overcurrent devices	Electrical outlets
Luminaires	Pools, spas and hot tubs
Questions and discussion	

International Residential Code (IRC 2018) for Texas

Live, Interactive Webinar - Friday, November 6, 2020

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Learning Objectives

You'll be able to:

Discuss the adoption and enforcement of the 2018 International Residential Code in Texas by the Texas Windstorm Insurance Association (TWIA).

Comply with requirements for building planning and shell construction, including requirements for handling wind loads.

Identify requirements for ingress and egress.

Review code provisions related to floods, storms, and drainage.

Explore requirements for fire detection and fire resistance.

Discuss requirements for energy efficiency and for mechanical, fuel, plumbing and electrical systems.



HalfMoon Education Online Learning International Residential Code (IRC 2018) for Texas

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Analyze the 2018 IRC which is now enforced by the Texas Windstorm Insurance Association (TWIA)

Explore building planning and shell construction (Chapters 2-10)

Learn about energy efficiency (Chapter 11)

Evaluate mechanical, fuel, plumbing, and electrical systems including looking at the Uniform Plumbing Code (UPC) and National Electrical Code (NEC)

Continuing Education Credits

Professional Engineers

6.5 PDHs

Architects

6.5 HSW CEPHS/CE Hours

6.5 AIA LU/HSW

International Code Council

.65 CEUs (Building)

Contractors

Non-Credit Continuing Ed.



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Faculty

Donald Stafford *Founder and Principal of Stafford Inspections, Dallas*

Since founding Stafford Inspections in 1984, Mr. Stafford has performed more than 12,000 inspections and has trained and mentored over 250 inspectors. His memberships and professional affiliations include the American Society of Home Inspectors, the International Code Council, and the National Association of Wastewater Technicians. Certifications include technical trainer and field trainer through the American Home Inspectors Training Institute, International Code Council Residential Combination Code Certification (2006) and Resnet Energy Audit Certification (2010). As a restoration specialist (1979-1998), he was the recipient of two awards for renovations to historically significant residences. Mr. Stafford is also president of Real Estate Training Systems, a proprietary school in the state of Texas providing continuing education real estate courses for home inspection licensees.

Webinar Information

Log into Webinar 8:00 - 8:30 am CST	Break 11:45 am - 12:45 pm CST
Morning Session 8:30 - 11:45 am CST	Afternoon Session 12:45 - 4:45 pm CST

Tuition
\$299 for individual registration
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Cancellations: Cancel at least 48 hours before the start of the webinar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another webinar or the self-study package. You may also authorize another person to take your place.

Can't Attend? Order the Webinar as a Self-Study Package!
Recordings of this webinar are available for purchase. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Additional Learning

Soils in Construction
- Tues., October 20, 2020 | 11:00 am - 3:00 pm CDT
- Wed., October 21, 2020 | 11:00 am - 3:00 pm CDT

Designing for Accessibility under ADA Standards and IBC
- Wed., October 21, 2020 | 8:30 am - 4:30 pm CDT

2018 International Residential Code: Non-Structural Design
- Fri., October 23, 2020 | 11:00 am - 3:30 pm CDT

How to Navigate the New Federal Navigable Waters Protection Rule
- Fri., October 23, 2020 | 12:00 - 2:00 pm CDT

National Electrical Code 2020
- Fri., October 23, 2020 | 8:30 am - 5:00 pm CDT

Insects in the Built Environment
- Mon., October 26, 2020 | 9:30 am - 5:15 pm CDT

International Building Code 2018
- Mon., October 26, 2020 | 9:00 am - 5:30 pm CDT

Continuing Education Credit Information
This webinar is open to the public and offers 6.5 PDHs to professional engineers and 6.5 HSW CEPHs/continuing education hours to architects licensed in Texas. Educators and courses are not subject to preapproval in Texas.

The American Institute of Architects Continuing Education System has approved this event for 6.5 LU|HSW (Sponsor No. J885). Visit www.halfmoonseminars.org for complete AIA/CES course information under this seminar listing. Only full attendance is reportable to the AIA/CES.

Professional engineers and architects seeking continuing education credit in states other than Texas will be able to claim the hours earned at this seminar, in most cases. Refer to specific state rules to determine eligibility.

The International Code Council has approved this event for 6.5 CEUs in the specialty area of Building (Preferred Provider No. 1232)

This webinar offers contractors a non-credit continuing education opportunity. It has not been submitted to any state contractor licensing entity for continuing education approval.

Completion certificates will be awarded to participants who complete this event, respond to prompts, and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

Passive House: Planning and Design
- Tues., October 27, 2020 | 8:30 am - 4:30 pm CDT

Aerial Mapping: Technologies and Procedure
- Tues., October 27, 2020 | 8:30 am - 12:00 pm CDT
- Wed., October 28, 2020 | 8:30 am - 12:15 pm CDT

Introduction to the International Green Construction Code (IgCC)
- Wed., October 28, 2020 | 11:00 am - 2:15 pm CDT
- Thurs., October 29, 2020 | 11:00 am - 2:15 pm CDT

Special Inspections under the 2018 International Building Code Chapter 17
- Thurs., October 29, 2020 | 9:30 am - 4:20 pm CDT

Are Heat Pumps Ready to Replace Fossil Fuels in Buildings?
- Fri., October 30, 2020 | 8:30 am - 4:30 pm CDT

For more information and other online learning opportunities visit: www.halfmoonseminars.org/webinars/

Registration

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