

Agenda

Presented by Tom Taylor, AIA

Development and Enforcement of International Residential Code

- History of the International Residential Code 2021 (IRC)
- Adoption of the IRC in Dallas
- Overview of Dallas amendments
- Permitting and enforcement in Dallas

Building Planning and Shell Construction (Chapters 2-10)

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| Definitions | Alternative provisions and design criteria |
| Wind effects and protection of openings | |
| Seismic provisions | Story height and live loads |
| Snow loads | Fire-resistant construction and exterior walls |
| Dwelling unit separations and garage separation | |
| Ceiling heights | Glazing |
| Garages and carports | Ingress, egress and stairways |
| 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 tub |

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2021 International Residential Code with Dallas Amendments

Live, Interactive Webinar - Tuesday, June 4, 2024

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Learning Objectives

You'll be able to:

Discuss Dallas amendments to the International Residential Code 2021.

Comply with structural requirements for story height, live loads, wind loads, snow loads and fire resistance.

Comply with requirements for fire resistance and accessibility.

Meet requirements for energy efficiency of the building thermal envelope.

Examine code provisions for mechanical, fuel, plumbing and electrical systems.



HalfMoon Education Inc.,
Your LIVE Education Leader Presents

2021 International Residential Code with Dallas Amendments

Live, Interactive Webinar - Tuesday, June 4, 2024



Discuss the adoption of the International Residential Code 2021 in Dallas

Examine structural requirements for single-family homes

Comply with requirements for fire resistance and accessibility

Meet requirements for energy efficiency

Explore code provisions for mechanical, plumbing and electrical systems

Continuing Education Credits

Professional Engineers
7.0 PDHs

International Code Council
.7 CEUs (Building)

Architects
7.0 HSW CE Hours
7.0 AIA LU | HSW

AIA
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Webinar Information

Tuesday, June 4, 2024

Log into Webinar

8:00 - 8:30 am CDT

Break

11:45 am - 12:15 pm CDT

Morning Session

8:30 - 11:45 am CDT

Afternoon Session

12:15 - 4:30 pm CDT

Tuition

\$339 for individual registration.

\$309 for two or more registrants from the same company at the same time.

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Faculty

Tom W. Taylor, AIA *Hensley Lamkin Rachel, Inc.*

Mr. Taylor is an experienced architect with a distinguished career spanning over three decades, marked by an expertise in navigating the intricate world of architectural codes and standards. Mr. Taylor served on the 2024 ICC IECC Residential Envelope and Embodied Energy Subcommittee, is a current member of the Dallas AIA Chapter Codes and Standards Committee and will serve on the 2027 ICC Residential Code Development Consensus Committee. As a senior architectural project manager, Mr. Taylor has led and coordinated teams of up to 30 members on a multitude of projects, with construction budgets up to \$130 million. His meticulous attention to detail and comprehensive understanding of building codes have been instrumental in ensuring the successful completion of these large-scale ventures. Mr. Taylor has held various positions including vice president, director of architecture, director of pre-construction services, and owner's representative, each role further enriching his depth of knowledge and expertise in the field. Mr. Taylor's contributions have garnered numerous accolades, including recognition on the Conde Nast Traveler Hot List while serving at Three Architecture, and the United Masonry Contractors Golden Trowel Award while principal of Tom Taylor and Associates. Additionally, he has been honored twice with the American Institute of Architects Merit Award. A graduate of the University of Texas with a Bachelor of Architecture degree, Mr. Taylor remains actively engaged in professional associations such as the International Institute of Building Enclosure Consultants and the Dallas AIA. His commitment to staying abreast of the latest industry developments underscores his passion for advancing the field of architecture and his dedication to delivering unparalleled results.

Credit Information

This webinar is open to the public and is designed to qualify for 7.0 PDHs for professional engineers and 7.0 HSW continuing education hours for licensed architects in Texas.

The Texas Board of Professional Engineers and Land Surveyors does not pre-approve any continuing education activities.

The American Institute of Architects Continuing Education System has approved this course for 7.0 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .7 CEUs in the specialty area of Building (Preferred Provider No. 1232).

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

On-Demand Credits

The preceding credit information only applies to the live presentation. This course in an on-demand format is not pre-approved by any licensing boards and may not qualify for the same credits; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request:
7.0 HSW LUs (AIA)

Additional Learning

Texas Residential Site Design and Engineering

Online | Friday, June 14, 2024 | 9:00 am - 4:30 pm CDT

Agenda Topics:

- Residential Site Design Considerations in Texas
- Doing Earthwork and Maintaining Safety
- Site Engineering for Stormwater Management and Erosion Control
- Site Grading
- Site Plans
- Site Program Management
- Polycultures

Presented by

Letora Anderson, PLA, AICP

Landscape Architecture Program at University of Texas at Arlington

Brad Flack, CPESC, CESSWI, QSM, QCIS, QPSWPPP

President and CEO at Integrity Stormwater in Spring, TX

Sadik Artunç, FASLA, FCELA, PLA, PE

Department of Landscape Architecture at College of Agriculture and Life Sciences

Tariq K. Mahadin, MLA, ASLA

Landscape Architecture Program at University of Texas at Arlington

David Hopman, ASLA, PLA

Associate Professor, Landscape Architect, UT Arlington

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For more information visit: **www.halfmoonseminars.org**

Natural Ventilation Principles and Techniques

- Online | Thursday, May 9, 2024 | 9:00 am - 4:00 pm CDT

2021 International Building Code Essentials

- Online | Friday, May 10, 2024 | 8:30 am - 4:30 pm CDT

Insulations in Light Construction for Northern Climates

- Online | Friday, May 10, 2024 | 1:00 - 4:00 pm CDT

Building Electrical System Design Based on NEC 2023

- Online | Monday, May 13, 2024 | 12:00 - 2:00 pm CDT

Temporary Construction Site Erosion and Sediment Control BMPs

- Online | Monday, May 13, 2024 | 9:00 am - 4:00 pm CDT

Adding Basements to Existing Buildings

- Online | Wednesday, May 15, 2024 | 9:00 am - 4:00 pm CDT

Adding EV Charging Stations to Homes or Businesses

- Online | Wednesday, May 15, 2024 | 1:00 - 3:00 pm CDT

Managing Engineering Liability and Risk

- Online | Wednesday, May 15, 2024 | 8:30 am - 4:30 pm CDT

Building Power System Grounding and Bonding Based on NEC 2023

- Online | Monday, May 20, 2024 | 12:00 - 2:00 pm CDT

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