

Agenda

Presented by Jason Van Ausdal

Development and Enforcement of International Residential Code

- History of the International Residential Code, 2021 (IRC)
- Adoption of IRC in Utah
- Recent changes to licensure for contractors exemption
- Utah amendments
- Permitting process and code enforcement

Building Planning and Shell Construction (Chapters 2-10)

- DefinitionsAlternative provisions and design criteria
- Wind effects and protection of openings
- Seismic provisionsStory height and live loads
- Snow loadsFire-resistant construction and exterior walls
- Dwelling unit separations and garage separation
- Ceiling heightsGlazing
- Garages and carportsIngress, egress and stairways
- Fire and carbon monoxide safety and detection
- Wood and wood-based products
- Floods, storms and drainage
- Soils and foundationsFrost depth and protection
- Walls and wall coveringRoof/ceiling construction
- Roof assembliesFireplaces and chimneys

Energy Efficiency (Chapter 11)

- ComplianceBuilding thermal envelope
- Climate classificationsBlower door tests
- Permanent energy certificate
- Insulation and fenestration
- Building systemsLighting

Mechanical, Fuel, Plumbing and Electrical Systems

- Appliance installation and exhaust systems
- VentilationFuel gas systems and appliances
- Plumbing fixturesDrains
- Backflow preventers, venting, sumps and ejectors
- Fire sprinkler systemsElectrical system grounding
- Intersystem bonding termination
- Overcurrent devicesElectrical outlets
- LuminairesPools, spas and hot tubs
- Concrete-encased electrode

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Utah Residential Code

Live, Interactive Webinar - Thursday, May 23, 2024

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Learning Objectives

You'll be able to:

Comply with the International Residential Code as adopted in Utah.

Describe requirements for wind resistance and fire-resistant construction.

Meet requirements for foundations, walls, roofs and garages.

Comply with requirements for energy-efficient building envelopes.

Meet requirements for ventilation systems, fuel gas systems and appliances.

Explore code compliance for pools, spas and hot tubs.



HalfMoon Education Live Webinars

Utah Residential Code

Live, Interactive Webinar - Thursday, May 23, 2024



Explore the adoption of the IRC in Utah and discuss Utah amendments

Learn about building planning and shell construction

Examine requirements for energy efficiency

Study requirements for mechanical, fuel and plumbing systems

Discuss requirements for electrical systems

Comply with requirements for fire and wind resistance

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
Continuing
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Provider



Webinar Information

Online - Thursday, May 23, 2024

Log into Webinar 8:30 - 9:00 am MDT	Break 12:15 - 12:45 pm MDT
Morning Session 9:00 am - 12:15 pm MDT	Afternoon Session 12:45 - 5:00 pm MDT

Tuition
\$339 for individual registration.
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Faculty

Jason Van Ausdal
Consultant, Plans Examiner, Inspector and Educator at Shums Coda Associates in Utah
Mr. Van Ausdal has been in the building code trades as a combination inspector for more than 27 years, with 22 years of that as a building official for various communities. After retiring from city government, he works as a consultant, plans examiner, inspector, and educator for Shums Coda Associates in Utah. He has been teaching plumbing, mechanical and combination type building codes for more than 18 years for inspectors and contractors in various organizations and various states. He has served for the following groups: Utah Chapter ICC as past president; Utah Chapter IAEI as past president; North West Section IAEI as past president; Utah Association of Building Officials as past president; and past chair of the Electrical Advisory Committee for State of Utah.

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 Utah.

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

- National Electrical Code 2023**
- Wednesday, April 10, 2024 | 7:30 am - 4:00 pm MDT
- Air-Source Heat Pumps for Residential and Small Commercial Buildings**
- Thursday, April 11, 2024 | 8:00 am - 4:00 pm MDT
- Moisture and Movement Control Strategies for Masonry Wall Assemblies**
- Tuesday, April 16, 2024 | 7:30 am - 3:00 pm MDT
- Special Inspections under Chapter 17 of the International Building Code**
- Wednesday, April 17, 2024 | 7:30 am - 3:20 pm MDT
- Best Practices in Plumbing Design and Construction: For Residential and Small Commercial Buildings**
- Thursday, April 18, 2024 | 7:30 am - 2:30 pm MDT
- Deep Dive into Construction Change Orders**
- Thursday, April 18, 2024 | 12:00 - 2:00 pm MDT
- High-Performance, All-Electric HVAC: Air-to-Air and Air-to-Water Heat Pumps**
- Thursday, April 18, 2024 | 12:00 - 3:00 pm MDT
- Handling Ethical Issues in Professional Engineering Practice**
- Friday, April 19, 2024 | 12:00 - 1:00 pm MDT
- Permeable Pavements: Applications, Design and Installation**
- Friday, April 19, 2024 | 8:00 am - 3:00 pm MDT
- Saltwater Intrusion into Freshwater Resources**
- Friday, April 19, 2024 | 8:00 - 11:15 am MDT
- Pavement Design, Construction and Maintenance**
- Thursday, April 25, 2024 | 7:30 am - 3:00 pm MDT
- Working with the IECC's 2021 Climate Zone Maps**
- Friday, April 26, 2024 | 8:30 - 11:30 am MDT
- Calculating Embodied and Operational Carbon Footprints for Buildings**
- Friday, April 26, 2024 | 12:00 - 3:00 pm MDT
- Reinforced Concrete Building Design and Construction**
- Friday, April 26, 2024 | 7:30 am - 3:30 pm MDT
- Structural Design Loads under the ASCE 7-22 Standard**
- Friday, April 26, 2024 | 8:00 am - 3:30 pm MDT
- Retrofitting Houses Toward the Passive House Standard**
- Friday, May 3, 2024 | 8:00 am - 3:00 pm MDT

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