

Faculty and Credit Information

Presented by Joseph Iliff, CBO

Building & Zoning Director for Village of Swansea, Illinois

Mr. Iliff has been a building official, building inspector, and city planner for more than 25 years, serving cities in Indiana, Texas, Missouri, and Illinois. He earned an undergraduate degree in Urban Planning and Development from Ball State University. He holds certifications as a residential building inspector, building official, city planner, and floodplain manager. He has taught classes on the residential, building, and property maintenance codes with a focus on preparing students for certification exams and effective administration.

Continuing Education Credit Information

These webinars are open to the public and are designed to qualify for 4.0 PDHs for professional engineers and 4.0 HSW or Non-HSW continuing education hours for licensed architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved most of these courses for 4.0 HSW LUs (Sponsor No. J885). AIA is pending for the Code Fundamentals webinar. Only full participation is reportable to the AIA/CES.

The International Code Council has approved these events for .4 CEUs in the specialty areas of Building, Fire, Energy or Electrical (depending on course) (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 presentations. These courses in an on-demand format may not be eligible for the same credits as the live presentation; 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:

4.0 HSW LUs (AIA)

Can't Attend? Order any of these Webinars as an On-Demand Package!

Recordings of these webinars are available for purchase. See course listing online 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.

2021 International Residential Code (IRC) Webinar Series

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Including AIA Credit, ICC CEUs, and PE PDHs (see inside for credits)

Course content developed and presented by

Certified Building Official, Joseph Iliff

To register, please visit us online at:

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Have questions or wish to register by phone?

Give us a call at 715-835-5900 and press 1 for Customer Service.



HalfMoon Education Online Learning 2021 International Residential Code (IRC) Webinar Series



Ten live four-hour webinars providing an in-depth understanding of the 2021 International Residential Code

1. Code Fundamentals - Tuesday, November 14, 2023
2. Building Planning - Tuesday, November 28, 2023
3. Structural Design - Tuesday, December 12, 2023
4. Non-Structural Design - Tuesday, January 9, 2024
5. Structural Construction - Tuesday, January 23, 2024
6. Means of Egress - Tuesday, February 6, 2024
7. Energy Conservation - Tuesday, February 20, 2024
8. Mechanical Systems - Tuesday, March 5, 2024
9. Plumbing Systems - Tuesday, March 19, 2024, 2023
10. Electrical Systems - Tuesday, April 2, 2024

Continuing Education Credits

Each course provides continuing education credits. See each listing inside for credit breakdown.



HalfMoon Education Inc.
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2021 International Residential Code:
Code Fundamentals

Tuesday, November 14, 2023 | 12:00 - 4:30 pm CST

Tuition: \$209

Credits: Professional Engineers: 4.0 PDHs Architects: 4.0 Non-HSW CE Hours
AIA: Pending International Code Council: .4 CEUs (Building)

Agenda:
Code history and development
Scope and layout
Key differences between the Residential and Building Codes
Alternatives and modifications from strict application
Referenced standards
Appendices

23 USIRCCDF 11 14 WEBR WL

2021 International Residential Code:
Building Planning

Tuesday, November 28, 2023 | 12:00 - 4:30 pm CST

Tuition: \$209

Credits: Professional Engineers: 4.0 PDHs Architects: 4.0 HSW CE Hours
AIA: 4.0 LU|HSW International Code Council: .4 CEUs (Building)

Agenda:
Fire separation distances
Minimum standards for occupancy
Glazing
Flood-resistant construction
Fire-resistant construction
Sanitation and plumbing
Automatic sprinkler systems
Storm shelters

23 USIRCBPL 11 28 WEBR WL

2021 International Residential Code:
Structural Design

Tuesday, December 12, 2023 | 12:00 - 4:30 pm CST

Tuition: \$209

Credits: Professional Engineers: 4.0 PDHs Architects: 4.0 HSW CE Hours
AIA: 4.0 LU|HSW International Code Council: .4 CEUs (Building)

Agenda:
Design parameters
Wind and seismic loads
Foundation design
Floor framing, joist and beam span tables
Brace wall design and simplified braced wall design
Roof framing and sheathing
Climatic and geographic design criteria
Dead loads and live loads

23 USIRCSTD 12 12 WEBR WL

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Coupon Code: **2021IRC** at checkout online

Can't Attend? Order any of these Webinars as an On-Demand Package!
See course listing online for more information.

2021 International Residential Code:
Non-Structural Design

Tuesday, January 9, 2024 | 12:00 - 4:30 pm CST

Tuition: \$209

Credits: Professional Engineers: 4.0 PDHs Architects: 4.0 HSW CE Hours
AIA: 4.0 LU|HSW International Code Council: .4 CEUs (Building)

Agenda:
Fire separation distances
Wall coverings and flashing
Attic access
Photovoltaic systems
Fireblocking and draftstopping
Roof materials, systems, and insulation
Window and doors

24 USIRCNSD 1 9 WEBR WL

2021 International Residential Code:
Structural Construction

Tuesday, January 23, 2024 | 12:00 - 4:30 pm CST

Tuition: \$209

Credits: Professional Engineers: 4.0 PDHs Architects: 4.0 HSW CE Hours
AIA: 4.0 LU|HSW International Code Council: .4 CEUs (Building)

Agenda:
Soils, footings and foundations
Exterior decks
Joist spans and reinforcement
Truss installation, bracing, and fasteners
Retaining walls and columns
Drilling and notching

24 USIRCSTC 1 23 WEBR WL

2021 International Residential Code:
Means of Egress

Tuesday, February 6, 2024 | 12:00 - 4:30 pm CST

Tuition: \$209

Credits: Professional Engineers: 4.0 PDHs Architects: 4.0 HSW CE Hours
AIA: 4.0 LU|HSW International Code Council: .4 CEUs (Fire)

Agenda:
Emergency escape and rescue openings
Stairs, ramps, hallways, doors and landings
Accessibility
Window controls
Guards and handrails
Garage doors

24 USIRCMEG 2 6 WEBR WL

2021 International Residential Code:
Energy Conservation

Tuesday, February 20, 2024 | 12:00 - 4:30 pm CST

Tuition: \$209

Credits: Professional Engineers: 4.0 PDHs Architects: 4.0 HSW CE Hours
AIA: 4.0 LU|HSW International Code Council: .4 CEUs (Energy)

Agenda:
Building thermal envelope
Electrical power and lighting
Mandatory requirements
Energy rating index
Building systems
Three methods of compliance
Simulated performance alternative
Additions, alterations, and repairs

24 USIRCEGC 2 20 WEBR WL

2021 International Residential Code:
Mechanical Systems

Tuesday, March 5, 2024 | 12:00 - 4:30 pm CST

Tuition: \$209

Credits: Professional Engineers: 4.0 PDHs Architects: 4.0 HSW CE Hours
AIA: 4.0 LU|HSW International Code Council: .4 CEUs (Building)

Agenda:
Heating and cooling
Combination air
Special appliances, equipment, and systems
Boilers and water heaters
Solar thermal energy systems
Exhaust and duct systems
Chimney and vents
Fuel gas

24 USIRCMSY 3 5 WEBR WL

2021 International Residential Code:
Plumbing Systems

Tuesday, March 19, 2024 | 12:00 - 4:30 pm CDT

Tuition: \$209

Credits: Professional Engineers: 4.0 PDHs Architects: 4.0 HSW CE Hours
AIA: 4.0 LU|HSW International Code Council: .4 CEUs (Building)

Agenda:
Plumbing fixtures
Water supply and distribution
Vents and traps
Water heaters
Sanitary drainage
Storm drainage

24 USIRCPLS 3 19 WEBR WL

2021 International Residential Code:
Electrical Systems

Tuesday, April 2, 2024 | 12:00 - 4:30 pm CDT

Tuition: \$209

Credits: Professional Engineers: 4.0 PDHs Architects: 4.0 HSW CE Hours
AIA: 4.0 LU|HSW International Code Council: .4 CEUs (Electrical)

Agenda:
Service sizes and conduits
Branch circuit and feeder requirements
Wiring methods
Devices and luminaires
Swimming pools
Power and lighting distribution
Appliance installations
Protected circuits

24 USIRCELS 4 2 WEBR WL