

Faculty and Credit Information

Presented by Jared Agee, MCP, CBO

Director of Building and Code Enforcement for St. Charles County, Missouri

Mr. Agee is the Director of Building and Code Enforcement for St. Charles County, Missouri. Previously, he worked in urban and suburban municipal governments managing building code enforcement, facilities, and information technology. Prior to his public sector positions, Mr. Agee worked in the construction industry in design and project management.

He has an undergraduate degree in Architectural and Mechanical Design and a graduate degree in Public Administration and Policy Analysis. As a Master Code Professional, Mr. Agee is one of approximately 800 people to obtain the highest level of certification from the International Code Council. He currently holds a total of 28 certifications in building, energy, plumbing, mechanical, electrical, and accessibility areas.

Mr. Agee is a former president of the Missouri Association of Building Officials and Inspectors (MABOI). In addition, he founded Regimen Consulting LLC, which provides code training and technology consultation to various organizations across the country.

Continuing Education Credit Information

See each course listing for the type and amount of each continuing education credit available. Individual courses for landscape architects, engineers and architects are not subject to pre-approval. HalfMoon Education does not apply for landscape courses in FL, NC, and NJ, unless expressly stated.

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American Institute of Architects Continuing Education System (No. J885)
American Institute of Certified Planners (APA)
Boards of Engineering: Florida (No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), North Carolina (No. S-0130), and North Dakota.

Course-by-Course Organizations:
International Society of Arboriculture
Society of American Foresters
Association of State Floodplain Managers

HalfMoon Education is deemed a New York-approved continuing education provider for landscape architects, engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §79-1.5(i)(2), §68.14(i)(2) and §69.6(i)(2)).

Each 4-hour course is \$199. Attend all 10 for \$1499!

Please visit www.halfmoonseminars.org to find the 2021 International Residential Code (IRC) webinar series, or call our Customer Service Department at (715) 835-5900.

2021 International Residential Code (IRC) Webinar Series

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Each course approved for continuing education credit!

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

Course content developed and presented by Master Code Professional and Certified Building Official, Mr. Jared Agee

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Have questions or wish to register by phone?

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2021 International Residential Code (IRC) Webinar Series



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

1. Fundamental Provisions, Concepts, and Existing Buildings - Friday, February 12, 2021
2. Residential Building Planning - Friday, February 26, 2021
3. Residential Structural Design - Friday, March 12, 2021
4. Residential Structural Construction - Thursday, April 1, 2021
5. Residential Means of Egress - Friday, April 9, 2021
6. Residential Non-Structural Design - Friday, April 23, 2021
7. Residential Energy Conservation - Friday, May 7, 2021
8. Residential Mechanical Systems - Thursday, May 27, 2021
9. Residential Plumbing Systems - Friday, June 18, 2021
10. Residential Electrical Systems - Friday, July 16, 2021

Continuing Education Credits

Each course provides 4.0 CE Hours/PDHs for a total of 40.0 CE Hours/PDHs for the entire series



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2021 International Residential Code: Fundamental Provisions, Concepts, and Existing Buildings

Friday, February 12, 2021, 11:00 am - 3:30 pm CST (incl. 30-min. break) **Tuition:** \$199

Credits: Professional Engineers: 4.0 PDHs Architects: 4.0 CE Hours (not HSW)
AIA: 4.0 LU | Elective International Code Council: .4 CEUs (Building)

Agenda:

History of the code	The code development process
Layout of the code	Scope of the IRC
Residential code versus the building code	
Impact of other codes in residential construction	
Alternative means of compliance	
Referenced standards	Understanding appendices
Sections for existing buildings	

21 USIRCFPC 2 12 WEBR WL

2021 International Residential Code: Residential Building Planning

Friday, February 26, 2021, 11:00 am - 3:30 pm CST (incl. 30-min. break) **Tuition:** \$199

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 professionals requirements	Fire separation distances	
Exterior walls, projections, openings, and penetrations		
Fire resistant construction	Story height	Fire protection of floors
Light and ventilation	Required heating	Minimum room areas
Ceiling heights	Sanitation and plumbing requirements	
Glazing	Garages and carports	
Automatic sprinkler systems	Smoke and carbon monoxide alarms	
Foam protection	Protection of wood	
Flood resistant construction	Storm shelters	Solar energy systems
Mezzanines	Pools and spas	

21 USIRCRBP 2 26 WEBR WL

2021 International Residential Code: Residential Structural Design

Friday, March 12, 2021, 11:00 am - 3:30 pm CST (incl. 30-min. break) **Tuition:** \$199

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	Alternative design methods
Applicable climatic and geographic design criteria	
Cladding	Wind and seismic loads
Dead loads and live loads	Bearing strength of soil
Footing sizing and design	Foundation design
Joist and beam spans	Wood floor framing
Floor sheathing	Out-of-plane force resistance
Header size	Brace wall design and simplified braced wall design
Truss design	Roof framing and sheathing

21 USIRCRSD 3 12 WEBR WL

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Can't Attend? Order any of these Webinars as a Self-Study Package!

See course listing online for more information.

2021 International Residential Code: Residential Structural Construction

Thursday, April 1, 2021, 11:00 am - 3:30 pm CDT (incl. 30-min. break) **Tuition:** \$199

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	Footing size and layout	Foundation methods
Retaining walls	Waterproofing and dampproofing	Columns
Exterior decks		
• Ledger connections	• Lateral bracing	• "H"-frame design and connection
• Post/beam sizing and connection	• Pier design	• Fasteners
Drilling and notching	Joist spans and reinforcement	
Truss installation and bracing	General fasteners	Engineered fasteners

21 USIRCRSC 4 1 WEBR WL

2021 International Residential Code: Residential Means of Egress

Friday, April 9, 2021, 11:00 am - 3:30 pm CST (incl. 30-min. break) **Tuition:** \$199

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

Agenda:

Emergency escape and rescue openings			
Stairs	Ramps	Hallways	Doors and landing
Accessibility	Guards	Handrails	Window control devices
Window fall protection devices	Garage doors		
Ship ladders and alternating tread devices			
Elevators and platform lifts	Comparison to IBC requirements		

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2021 International Residential Code: Residential Non-Structural Design

Friday, April 23, 2020, 11:00 am - 3:30 pm CST (incl. 30-min. break) **Tuition:** \$199

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 and planning	Fireblock materials and locations	
Draftspotting materials and locations	Fire wall construction	
Exterior wall coverings	Interior wall coverings	Flashing
Roof materials	Roof system ventilation	Attic access
Roof insulation	Reroofing	Window and doors
Mounted photovoltaic systems		

21 USIRCNSD 4 23 WEBR WL

2021 International Residential Code: Residential Energy Conservation

Friday, May 7, 2021, 11:00 am - 3:30 pm CST (incl. 30-min. break) **Tuition:** \$199

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

Agenda:

Background	General information	Building thermal envelope	
Building systems	Electrical power and lighting		
Compliance methods			
• Mandatory requirements	• Simulated performance alternative		
• Energy rating index			
Existing building compliance			
• Additions	• Alterations	• Repairs	• Change in occupancy or use

21 USIRCREC 5 7 WEBR WL

2021 International Residential Code: Residential Mechanical Systems

Thursday, May 27, 2021, 11:00 am - 3:30 pm CST (incl. 30-min. break) **Tuition:** \$199

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

Agenda:

General requirements	Heating and cooling appliances	
Exhaust systems	Duct systems	Combination air
Chimney and vents	Special appliances, equipment, and systems	
Boilers and water heaters	Hydronic piping	
Special piping and storage systems	Solar thermal energy systems	Fuel gas

21 USIRCRMS 5 27 WEBR WL

2021 International Residential Code: Residential Plumbing Systems

Friday, June 18, 2021, 11:00 am - 3:30 pm CST (incl. 30-min. break) **Tuition:** \$199

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

Agenda:

General requirements	Plumbing fixtures		
Water heaters	Water supplies and distributions		
Sanitary drainage	Vents	Traps	Storm drainage

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2021 International Residential Code: Residential Electrical Systems

Friday, July 16, 2021, 11:00 am - 3:30 pm CST (incl. 30-min. break) **Tuition:** \$199

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

Agenda:

General requirements	Services
Branch circuit and feeder requirements	
Wiring methods	Power and lighting distribution
Devices and luminaires	Appliance installations
Swimming pools	Class 2 circuits

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