

# Agenda

*Presented by Jared Agee*

## Development and Enforcement of International Residential Code

- History of the International Residential Code (IRC)
- Adoption and enforcement of International Residential Code
- Recent and anticipated Code amendments
- Future of the Code

## Building Planning, Materials, and Life Safety

- Definitions
- Light, ventilation, and heating
- Room areas
- Toilet and bath spaces
- Ceiling heights
- Garages and carports
- Emergency escape and rescue
- Guards and fall protection
- Ingress, egress and stairways
- Foam plastic
- Wood and wood-based products
- Glazing
- Accessibility
- Floods, storms and drainage

## Structural Design and Fire Resistance

- Alternative provisions and design criteria
- Wind effects and protection of openings
- Seismic provisions
- Story height and live loads
- Snow loads
- Wall bracing methods and calculations
- Fire-resistant construction and exterior walls
- Dwelling unit separations and garage separation
- Fire and carbon monoxide safety and detection
- Automatic fire sprinkler systems

## Shell and Core Construction

- Soils, footings, and foundations
- Framing and fastening
- Walls and wall covering
- Roof/ceiling construction
- Roof assemblies
- Fireplaces and chimneys

**International Residential Code 2018:  
Shell and Core Design and Construction (Chapters 1-10)**  
Lincoln, NE - Thursday, October 4, 2018



Halfmoon Education Inc.  
PO Box 278  
Altoona, WI 54720-0278

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# Learning Objectives

## You'll be able to:

**Learn** about the development, adoption and enforcement of the International Residential Code.

**Examine** requirements for light, ventilation, heating, room area and egress.

**Explore** requirements for handling live loads, and wind, snow and seismic loads.

**Review** code provisions for building envelopes, including foundations, walls, roofs and windows.

**Examine** fireplaces, chimneys and fire detection systems.



# International Residential Code 2018: Shell and Core Design and Construction (Chapters 1-10)

*Lincoln, NE - Thursday, October 4, 2018*



**Explore** the history of the International Building Code

**Learn** how building codes are adopted and enforced

**Discuss** building planning and shell construction

**Understand** recent and anticipated code amendments

**Review** code provisions that apply to mechanical, fuel, plumbing and electrical systems

## Continuing Education Credits

### Professional Engineers

7.0 PDHs

### Architects

7.0 HSW CEUs

7.0 AIA HSW Learning Units

### International Code Council

.7 CEUs (Building)

### Contractors

Non-Credit Continuing Ed.



HalfMoon Education Inc.  
WWW.HALFMOONSEMINARS.ORG





**Jared Agee** *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. Prior to his public sector positions, he worked in the construction industry in design and project management. Mr. Agee has an undergraduate degree in Architectural and Mechanical Design and a graduate degree in Public Administration and Policy Analysis. As a master code professional, he is one of approximately 800 people to obtain the highest level of certification from the International Code Council.

## Seminar Information

|                                              |                 |                     |
|----------------------------------------------|-----------------|---------------------|
| <b>The Lincoln Marriott Cornhusker Hotel</b> | Registration    | Lunch (On your own) |
| 333 South 13th Street                        | 8:00 - 8:30 am  | 11:45 am - 12:45 pm |
| Lincoln, NE 68508                            | Morning Session | Afternoon Session   |
| (402) 474-7474                               | 8:30 - 11:45 am | 12:45 - 5:00 pm     |

**Tuition**

**\$279** for individual registration

**\$259** for three or more simultaneous registrations.

*Each registration includes a complementary continental breakfast and printed seminar manual. Registration does not include a copy of the code itself.*

**Receive a reduced tuition rate of \$101** by registering to be our on-site coordinator for the day. For availability and job description, please visit [www.halfmoonseminars.org](http://www.halfmoonseminars.org).

**How to Register**

- Visit us online at [www.halfmoonseminars.org](http://www.halfmoonseminars.org)
- Mail-in or fax the attached form to 715-835-6066
- Call customer service at 715-835-5900

**Cancellations:** Cancel at least 48 hours before the start of the seminar (CDT), and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another seminar or the CD/manual package. You may also send another person to take your place.

**Can’t Attend? Order the CD/Manual Package:**

An audio recording of this seminar is available for \$289 (including shipping). Allow five weeks from the seminar date for delivery. Please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.



**Webinar Series**

**Stormwater Management Systems**

- **Basics of Stormwater Regulations and Requirements, Including New EPA Regulations**  
Thurs., Oct. 4, 2018, 11:00 AM - 12:00 PM CDT
- **Working with the Regulator**  
Thurs., Oct. 4, 2018, 12:30 - 2:00 PM CDT
- **Site Planning and Choosing Best Management Practices**  
Fri., Oct. 5, 2018, 11:00 AM - 12:00 PM CDT
- **Long-term Stormwater Management Practices**  
Fri., Oct. 5, 2018, 12:30 - 2:00 PM CDT

**Floodplain Mapping and Regulation**

- **Floods, Floodplains and Introduction to Floodplain Management**  
Wed., Oct. 10, 2018, 11:00 AM - 12:30 PM CDT
- **Flood Maps and Flood Zones**  
Wed., Oct. 10, 2018, 1:00 - 2:30 PM CDT
- **Elevations in the National Flood Insurance Program (NFIP) and Floodplain Regulation**  
Thurs., Oct. 11, 2018, 11:00 AM - 12:30 PM CDT
- **Practical Floodplain Management**  
Thurs., Oct. 11, 2018, 1:00 - 2:30 PM CDT

**HEC-RAS Webinar Series**

- **Hydraulic Principles and Applications**  
Thurs., Oct. 18, 2018, 11:00 AM - 1:00 PM CDT
- **Working with the HEC-RAS User Interface**  
Thurs., Oct. 18, 2018, 1:30 - 3:00 PM CDT
- **Water Surface Profiling**  
Fri., Oct. 19, 2018, 11:00 AM - 1:00 PM CDT
- **Steady Flow Surface Profile Demonstrations**  
Fri., Oct. 19, 2018, 1:30 - 3:30 PM CDT

**Construction Cost Estimating**

- **Introduction to Cost Estimating**  
Thurs., Oct. 25, 2018, 11:00 AM - 12:30 PM CDT
- **Cost Components – A Closer Look at the Estimates**  
Thurs., Oct. 25, 2018, 1:00 - 3:00 PM CDT
- **Cost Estimate Organization and Examples**  
Fri., Oct. 26, 2018, 11:00 AM - 1:00 PM CDT
- **Cost Estimating Topics**  
Fri., Oct. 26, 2018, 1:30 - 3:00 PM CDT

For more information visit:  
[www.halfmoonseminars.org/webinars/](http://www.halfmoonseminars.org/webinars/)

## Continuing Education Credit Information

This seminar is open to the public and offers 7.0 PDHs to professional engineers and 7.0 HSW CEUs/continuing education hours to architects in most states, including Nebraska. Educators and courses are not subject to preapproval in Nebraska.

This seminar is approved by the American Institute of Architects for 7.0 HSW Learning Units (Sponsor No. J885). Only full attendance can be reported to the AIA/CES.

Architects and engineers seeking continuing education credit in other states will be able to claim the hours earned at this seminar, in most cases. Refer to specific state rules to determine eligibility. HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana, Maryland, New Jersey (Approval No. 24GP00000700), New York (NYSED Sponsor No. 35), North Carolina, and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York architects.

The International Code Council has approved this event for .7 CEUs in the specialty area of Building.

This seminar also offers a non-credit continuing education opportunity to construction contractors. It has been submitted to any state contractor licensing board for continuing education credit approval.

Attendance will be monitored and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

## Registration

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|                                                                                          |                                                                                                                                                                     |  |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>How to Register</b>                                                                   | <b>Registrant Information</b>                                                                                                                                       |  |
| <b>Online:</b><br><a href="http://www.halfmoonseminars.org">www.halfmoonseminars.org</a> | Name: _____                                                                                                                                                         |  |
| <b>Phone:</b><br>715-835-5900                                                            | Company/Firm: _____                                                                                                                                                 |  |
|                                                                                          | Address: _____                                                                                                                                                      |  |
| <b>Fax:</b><br>715-835-6066                                                              | City: _____ State: _____ Zip _____                                                                                                                                  |  |
|                                                                                          | Occupation: _____                                                                                                                                                   |  |
| <b>Mail:</b><br>HalfMoon Education Inc.,<br>PO Box 278, Altoona, WI<br>54720-0278        | Email: _____                                                                                                                                                        |  |
|                                                                                          | Phone: _____                                                                                                                                                        |  |
|                                                                                          | <b>Additional Registrants:</b>                                                                                                                                      |  |
|                                                                                          | Name: _____                                                                                                                                                         |  |
| <b>Complete the entire form.</b> Attach duplicates if necessary.                         | Occupation: _____                                                                                                                                                   |  |
|                                                                                          | Email: _____                                                                                                                                                        |  |
|                                                                                          | Phone: _____                                                                                                                                                        |  |
|                                                                                          | Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred. |  |
| ( )  I need special accommodations. Please contact me.                                   |                                                                                                                                                                     |  |

**Tuition**

( ) **I will be attending the live seminar.** Single Registrant - **\$279.00**. Three or more registrants from the same company registering at the same time - **\$259.00** each.

( ) **I am not attending.** Please send me the CD manual package for **\$289.00**. (S&H included. Please allow five weeks from seminar date for delivery)

**Checks:** Make payable to HalfMoon Education Inc.

**Credit Card:** *Mastercard, Visa, American Express, or Discover*

Credit Card Number: \_\_\_\_\_

Expiration Date: \_\_\_\_\_ CVV2 Code: \_\_\_\_\_

Cardholder Name: \_\_\_\_\_

Billing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Signature: \_\_\_\_\_

Email: \_\_\_\_\_

