

Agenda

Presented by
Lawrence Lile, PE, LEED AP BD+C, QCxP

Development and Enforcement of International Residential Code

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

Building Planning and Shell Construction (Chapters 2-10)

- | | |
|---|--|
| 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 | |

Small Group Exercises

- Energy Conservation Compliance using RESCheck
- Residential Building Code Compliance Group Exercises
- Questions

Can't Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package!

Audio recordings of this seminar are available for purchase starting at \$279. See registration panel 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.

International Residential Code

(as adopted in Minnesota)
Eagan, MN - Tuesday, May 12, 2020



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Learning Objectives

You'll be able to:

Discuss the adoption and enforcement of the International Residential Code (IRC) in Minnesota.

Comply with IRC provisions for ingress, egress, stairways, and fire protection.

Meet IRC requirements for walls, roofs, fireplaces, chimneys, garages and dwelling unit separations.

Comply with IRC provisions for wind and snow loads.

Meet IRC requirements for energy efficiency, including insulation, fenestration, lighting and mechanical systems.



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Understand the development and enforcement of the International Residential Code (IRC) in Minnesota

Identify requirements for foundations, framing and roof/ceiling construction

Learn about requirements for energy efficient lighting and mechanical systems

Explore seismic wind and snow loads

Participate in small group exercises determining code compliance

Continuing Education Credits

Professional Engineers

6.5 HSW PDHs

International Code Council

.65 CEUs (Building)

Architects

6.5 HSW PDHs

6.5 AIA LU|HSW



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Faculty

Lawrence Lile, PE, LEED AP BD+C, QCxP *Owner of Lile Engineering in Ashland, MO*

Mr. Lile is the owner of Lile Engineering, which specializes in commercial energy solutions and LEED certification consulting. Mr. Lile has worked in the design industry for over 30 years, on healthcare, industrial, commercial and educational construction projects. He has been involved in electrical and mechanical design, as well as construction management and commissioning. He has volunteered for local city boards and commissions, including the City of Columbia Energy and Environment commission, which he chaired from 2009 – 2015, helping the City review and adopt new building codes. Mr. Lile is a licensed Professional Engineer in Missouri.

Seminar Information

Holiday Inn Airport SE - Mall Area 2700 Pilot Knob Road Eagan, MN 55121 (651) 454-3434	Registration 8:00 - 8:30 am Morning Session 8:30 am - 12:00 pm	Lunch (On your own) 12:00 - 1:00 pm Afternoon Session 1:00 - 4:30 pm
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Tuition

\$299 for individual registration

\$279 for three or more simultaneous registrations.

Included with your registration: *Complimentary 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.

How to Register

- Visit us online at 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, 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 self-study package. You may also send another person to take your place.

Additional Learning

Webinar Series

Distributed Batteries for Solar PV Systems

- **Distributed Batteries for Solar PV Systems, Part I**
Thurs., April 2, 2020, 11:00 AM - 2:15 PM CDT
- **Distributed Batteries for Solar PV Systems, Part II**
Friday., April 3, 2020, 11:00 AM - 2:15 PM CDT

Compliance with the 2018 International Building Code

- **Compliance with the 2018 International Building Code, Part I**
Wed., April 8, 2020, 11:00 AM - 1:00 PM CDT
- **Compliance with the 2018 International Building Code, Part II**
Wed., April 8, 2020, 1:30 - 3:30 PM CDT
- **Compliance with the 2018 International Building Code, Part III**
Thurs., April 9, 2020, 11:00 AM - 12:30 PM CDT

For more information and other online learning opportunities visit:
www.halfmoonseminars.org/webinars/

Tree Science

- **Biology and Benefits of Trees**
Wed., April 15, 2020, 11:00 AM - 1:00 PM CDT
- **Tree Infrastructure: Design Elements That Appreciate**
Wed., April 15, 2020, 1:30 - 3:00 PM CDT
- **Trees and Site Requirements**
Thurs., April 16, 2020, 11:00 AM - 12:00 PM CDT
- **Project Completion and Tree Threat Prevention**
Thurs., April 16, 2020, 12:30 - 2:30 PM CDT

Structural Forensic Engineering

- **Overview of the Role of Forensic Engineering**
Thurs., April 16, 2020, 11:00 - 12:30 PM CDT
- **Forensic Engineering Process and Forensic Engineering Report**
Thurs., April 16, 2020, 1:00 - 3:00 PM CDT
- **Causes of Structural Failures**
Fri., April 17, 2020, 11:00 - 12:30 PM CDT
- **Forensic Examination of Structures and Use in Litigation**
Fri., April 17, 2020, 1:00 - 3:00 PM CDT

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 HSW PDHs/continuing education hours to professional engineers and architects in Minnesota and Wisconsin. Educators and courses are not subject to preapproval in Minnesota and Wisconsin.

This seminar is approved by the American Institute of Architects for 6.5 HSW LU|HSW (Sponsor No. J885). Visit www.halfmoonseminars.org for complete AIA/CES information under this seminar listing. Only full attendance is reportable 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 some cases. This course covers the 2015 IRC as adopted in MN. Refer to specific state continuing education rules to determine eligibility outside Minnesota.

The International Code Council has approved this event for .65 CEUs in the specialty area of Building.

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.

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Registration

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How to Register

Online:
www.halfmoonseminars.org

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Complete the entire form. Attach duplicates if necessary.

Registrant Information

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Company/Firm: _____

Address: _____

City:_____State: _____ Zip_____

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Email: _____

Phone: _____

Additional Registrants:

Name: _____

Occupation: _____

Email: _____

Phone: _____

Name: _____

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 - **\$299.00**. Three or more registrants from the same company registering at the same time - **\$279.00** each.

() **I am not attending.** Please send me the self-study package:

☐ Downloadable MP3 Audio/PDF Manual for **\$279.00**.

☐ CD/Manual Package for **\$299.00**. ☐ USB/Manual Package **\$299.00**.

(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*

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