

Agenda

Presented by Donald L. Pratt

Development and Enforcement of 2015 Michigan Residential Code

History of the International Residential Code (IRC) and the Michigan Residential Code (MRC)
Adoption and enforcement of Michigan Residential Code
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

Mechanical, Fuel, Plumbing and Electrical Systems

Appliance installation and exhaust systems
Ventilation • Hydronic systems
Fuel gas systems and appliances
Plumbing fixtures • Drains
Backflow preventers, venting, sumps and ejectors
Fire sprinkler systems
Electrical system grounding
Intersystem bonding termination
Overcurrent devices • Electrical outlets
Luminaires • Pools, spas and hot tubs

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2015 Michigan Residential Code
East Lansing, MI - Friday, April 13, 2018

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



Learning Objectives

You'll be able to:

Identify the scope and purpose of the Michigan residential building code and review recent amendments.

Understand structural and seismic requirements as well as fire protection regulations.

Learn how to use insulation and fenestration to create energy efficient homes.

Review requirements for mechanical, fuel, plumbing and electrical systems.

Apply what you have learned to residential building projects.



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Explore the history of the Michigan Residential Code

Learn about how building codes are adopted and enforced

Discuss building planning and shell construction

Understand how to incorporate energy efficiency in building code compliance

Review residential building codes that apply to mechanical, fuel, plumbing and electrical systems

Continuing Education Credits

Professional Engineers

6.5 Continuing Ed. hours

Contractors

Non-Credit Continuing Ed.

Architects

6.5 HSW Continuing Ed. Hours

6.5 AIA HSW Learning Units

International Code Council

.65 CEUs (Building)



HalfMoon Education Inc.
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Faculty

Donald L. Pratt *President & CEO, Construction Education and Consulting Services of Michigan*

Mr. Pratt began working in his family-owned construction business in 1965. Over the years, he has had hands-on experience with all of the construction trades as well as with professionals in the industry such as architects, engineers, attorneys, developers and brokers. Mr. Pratt was first licensed as a builder in 1970 and is currently the qualifying officer of Pratt Building Company (“PBC”) which was formed in 1993. PBC develops raw land for commercial and residential purposes and provides construction services as a general contractor. Mr. Pratt was awarded the distinction of master builder status by the Home Builders Association of Southeastern Michigan after successfully completing the construction of hundreds of custom and semi-custom homes. Mr. Pratt has been a leader in the construction industry in the promotion and building of energy-efficient homes through the Michigan State 5 Star Program and the National Energy Star Program. He has consulted with builders, remodelers, subcontractors, insurance companies, financial institutions and law firms since 1996 regarding building codes, contracts, construction standards and other industry issues. Mr. Pratt has testified as an expert witness relative to construction industry disputes more than 50 times and has been hired for his opinion in over 850 cases. As an educator, he develops and teaches construction related classes including the 60 hour pre-licensure training required by the State of Michigan. Mr. Pratt is a licensed real estate broker, building inspector and plan reviewer. He is also a member of a variety of national and state organizations such as the National Institute of Building Sciences, the International Codes Council, the Home Builders Association of Southeastern Michigan, and the National Association of Home Builders.

Here’s what past attendees had to say about the program and presenter Donald Pratt:

“Best HalfMoon speaker I’ve heard.” – *Professional Engineer*

“Good knowledge and delivery.” – *Architect*

Seminar Information

Marriott at University Place
300 Michigan Agricultural College Ave.
East Lansing, MI 48823
(517) 337-4440

Registration
8:00 - 8:30 am
Morning Session
8:30 - 11:45 am
Lunch (on your own)
11:45 am - 12:45 pm
Afternoon Session
12:45 - 4:30 pm

Tuition
\$279 for individual registration
\$259 for three or more registrations.
Registration does not include a copy of the Code itself.
Each registration includes a complimentary continental breakfast and printed seminar manual.

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 CD/manual package. You may also send another person to take your place.

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 continuing education hours to professional engineers and 6.5 HSW continuing education hours to architects in Michigan. Educators and courses are not subject to pre-approval in Michigan.

This course has been approved by the American Institute of Architects for 6.5 HSW Learning Units (Provider No. J885). Only full attendance can be reported to the AIA/CES.

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

This seminar offers contractors a non-credit continuing education opportunity. It has not been submitted to any state contractor licensing entity for continuing education 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.

Additional Learning

Webinar Series

National Electrical Code: A Solar Photovoltaic System Perspective

- **National Electrical Code for Building Professionals, Part I**
Wed., Feb. 21, 2018, 11:00 AM - 2:15 PM CST
- **National Electrical Code for Building Professionals, Part II**
Thurs., Feb. 22, 2018, 11:00 AM - 2:15 PM CST

- Erosion and Sediment Control**
- **Erosion and Sediment Overview**
Thurs., Feb. 22, 2018, 11:00 AM - 12:00 PM CST
 - **Stormwater Permit Requirements and Procedures**
Thurs., Feb. 22, 2018, 12:30 - 2:00 PM CST
 - **Stream Stabilization Measures**
Fri., Feb. 23, 2018, 11:00 AM - 12:00 PM CST
 - **Best Management Practices and Maintenance**
Fri., Feb. 23, 2018, 12:30 - 2:30 PM CST

- Solar Photovoltaic Project Design and Development**
- **Solar Photovoltaic Project Design and Development, Part I**
Wed., Mar. 7, 2018, 11:00 AM - 2:15 PM CST
 - **Solar Photovoltaic Project Design and Development, Part II**
Thurs., Mar. 8, 2018, 11:00 AM - 2:15 PM CST

- Deep Excavations**
- **Introduction to Deep Excavations**
Thurs., Mar. 15, 2018, 11:00 AM - 1:00 PM CDT
 - **Soil Mechanics, Cantilever Walls and Anchored Sheet Pile Walls**
Thurs., Mar. 15, 2018, 1:30 - 3:00 PM CDT
 - **Braced Excavation Design**
Fri., Mar. 16, 2018, 11:00 AM - 12:30 PM CDT
 - **ASD and LRFD Design**
Fri., Mar. 16, 2018, 1:00 - 2:30 PM CDT

For more information visit:
www.halfmoonseminars.org/webinars/

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.

Registration

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How to Register	Registrant Information
Online: www.halfmoonseminars.org	Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip _____ Occupation: _____ Email: _____ Phone: _____
Phone: 715-835-5900	Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____ Name: _____ Occupation: _____ Email: _____ Phone: _____ Name: _____ Occupation: _____ Email: _____ Phone: _____
Fax: 715-835-6066	
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278	
Complete the entire form. Attach duplicates if necessary.	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: _____