2015 Michigan Residential Code

East Lansing, MI - Friday, April 13, 2018

Explore the history of the Michigan Residential Code
Learn about how building codes are adopted and enforced
Discuss building planning and shell construction

Understanding how to incorporate energy efficiency in building code compliance
Review residential building codes that apply to mechanical, fuel, plumbing and electrical systems

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.

Professional Engineers
6.5 Continuing Ed. hours

Architects
6.5 HSW Continuing Ed. Hours
6.5 AIA HSW Learning Units

International Code Council
.65 CEUs (Building)

Contracts
Non-Credit Continuing Ed.

Continuing Education Credits

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
Gazing
Garages and carports
Ingress, egress and stairways
Fire and carbon monoxide safety and detection
Foam plastic
Wood and wood-based products
Accessibility
Floors, 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
Inter-system bonding termination
Overcurrent devices
Electrical outlets
Luminaires
Pools, spas and hot tubs
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 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 home 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) 337-4420

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 continuing education hours to professional engineers and 6.5 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. 1188). Full only attendance can be reported to the AIA/CES.

The International Code Council has approved this event for 0.5 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 licensing boards. 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.

To register:

- Call customer service at 715-835-5900
- Visit us online at www.halfmoonseminars.org
- Mail:
  - HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278

Cancellation:

- Cancel at least 48 hours before the start of the seminar to receive a full tuition refund, minus a $39 service charge for each registrant.
- Cancellations within 48 hours will be charged for each registrant.
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For more information, visit www.halfmoonseminars.org/webinars/

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
  - 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, 12:50 - 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
  - Mar. 7, 2018, 11:00 AM - 2:15 PM CST
- Solar Photovoltaic Project Design and Development, Part II
  - 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 CST
- Soil Mechanics, Cantilever Walls and Anchored Sheet Pile Walls
  - Thurs., Mar. 15, 2018, 1:30 - 3:00 PM CST
- Braced Excavation Design
  - Fri., Mar. 16, 2018, 11:00 AM - 12:30 PM CST
- ASD and LRFD Design
  - Fri., Mar. 16, 2018, 1:00 - 2:30 PM CST

Registration

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East Lansing, MI - Friday, April 13, 2018

Phone: 715-835-5900
Fax: 715-835-6066

How to Register

Online:
www.halfmoonseminars.org

Email:
info@halfmoonseminars.org

Checks: Make payable to HalfMoon Education Inc.

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

Credit Card Number:
Expiration Date:
Cardholder Name:
Billing Address:
City:
State:
Zip:
Email:

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