

Agenda

Presented by Vincent F. Fratinardo, P.E., S.E., RRC

Building Code Background and Application

Development of the Code
Current state code provisions and updates
Code terminology
Code enforcement

Building Classification, Occupancy and Safety

Classification of structures
Occupancy and special uses
Fire resistance-rated construction
Fire protection systems
Means of egress

Regulation of Building Components

Exterior walls
Roof assemblies
Structural design
Soils and foundations

Use of Specific Materials and Construction Techniques

Concrete	Masonry	Steel
Wood	Glass and glazing	

Regulation of Interior Construction

Gypsum board and plaster
Interior finishes
Interior environment

Complying with Safety Requirements During Construction

Protection of workers, public and adjoining property

Architectural and Structural Provisions of the
International Building Code
Madison, WI - Thursday, January 31, 2019



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

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Learning Objectives

You'll be able to:

Learn building code terminology and explore the code update process.

Understand the classification of structures and review requirements for fire protection and fire resistance.

Discuss the use of concrete, masonry, steel, aluminum, wood, glass and other materials in the construction process.

Review code provisions that regulate interior construction.

Comply with safety requirements during construction.



Architectural and Structural Provisions of the International Building Code

Madison, WI - Thursday, January 31, 2019



Learn building code terminology
Understand the code enforcement process
Examine building classification, occupancy and safety

Explore the use of specific materials and construction techniques
Learn about the regulation of interior construction

Continuing Education Credits

Architects
7.0 HSW Contact Hours
7.0 AIA HSW Learning Units

Professional Engineers
7.0 PDHs
Wisconsin Commercial Building Inspectors
7.0 Hours

International Code Council
.7 CEUs (Building)
Contractors
Non-Credit Continuing Ed.



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Faculty

Additional Learning

Vincent F. Fratinardo, P.E., S.E., RRC

Mr. Fratinardo is a civil/structural engineer and roof consultant. His 20 years of experience includes civil and structural engineering analysis, design, construction administration, field investigation, and project management, and 11 years of experience specific to forensic engineering and the investigation and analysis of building damage and failures. Mr. Fratinardo has designed numerous new buildings, building additions, building renovations, and mechanical platforms and supports. He has designed and analyzed roof, wall and floor framing systems utilizing steel, concrete, masonry, and wood construction. Mr. Fratinardo has vast expertise in commercial, industrial, agricultural, municipal, educational and residential building damage investigations, including on-site investigations after 23 different tornado events, Hurricane Irene and Hurricane Sandy. He has legal experience in depositions, arbitration hearings and trials. He has prepared and performed numerous continuing education presentations, including on an array of topics in forensic engineering, structural engineering and building codes for HalfMoon Education Inc., in multiple states since 2014. Mr. Fratinardo graduated from Michigan State University with a bachelor of science degree in Civil Engineering, and he also holds a master of engineering degree in Civil Engineering from Texas A&M University. He is a registered professional engineer in multiple states and a licensed structural engineer in Illinois.

Here’s what attendees had to say about the program and presenter Vincent Fratinardo:

“I liked the fact the instructor touched all aspects of IBC.” – *Professional Engineer*

“Very knowledgeable—did a good job.” – *Permit Technician*

“Good presentation.” – *Architect*

“Covered a lot of topics at a good pace.” – *Structural Engineer*

Seminar Information

Doubletree by Hilton Madison 525 West Johnson Street Madison, WI 53703 (608) 251-5511	Registration 8:00 - 8:30 am Morning Session 8:30 am - 12:15 pm	Lunch (On your own) 12:15 - 1:15 pm Afternoon Session 1:15 - 5:00 pm
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Tuition

\$279 for individual registration
\$259 for three or more registrations.

Each registration includes a 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.

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

An audio recording of this seminar is available for \$289. Allow four 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.

Continuing Education Credit Information

This seminar is open to the public and offers 7.0 HSW contact hours to architects and 7.0 PDHs for professional engineers in most states, including Wisconsin. Educators and courses are not subject to preapproval in Wisconsin.

The American Institute of Architects has approved this seminar 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 do so, in most cases. Refer to specific state rules to determine eligibility. HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), New York (NYSED Sponsor No. 35), North Carolina, and North Dakota. HalfMoon Education an approved Florida architect continuing education provider and is deemed an approved continuing education sponsor for New York architects.

The Wisconsin Department of Safety and Professional Services approved 7.0 hours of credit for Commercial Building Inspector Certification for this course.

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

This event offers a non-credit continuing education opportunity to construction contractors.

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

Webinar Series

Deep Foundations

- **Deep Foundation Site Evaluation**
Weds., Dec. 12, 2018, 11:00 AM - 12:00 PM CST
- **Overview of Deep Foundation**
Weds., Dec.12, 2018, 12:30 - 2:00 PM CST
- **Deep Foundation Pile Design**
Thurs., Dec. 13, 2018, 11:00 AM - 12:30 PM CST
- **Deep Foundation Installation and Testing**
Thurs., Dec. 13, 2018, 1:00 - 2:00 PM CST

Stormwater Management Systems

- **Stormwater Infrastructure Practices**
Weds., Dec. 19, 2018, 11:00 AM - 1:00 PM CST
- **Infiltration Management Techniques**
Thurs., Dec. 20, 2018, 11:00 AM - 1:00 PM CST

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

Registration

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How to Register		Registrant Information	
Online: www.halfmoonseminars.org		Name: _____	
Phone: 715-835-5900		Company/Firm: _____	
		Address: _____	
Fax: 715-835-6066		City:_____State: _____ Zip_____	
		Code:	
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278		Occupation: _____	
Complete the entire form. Attach duplicates if necessary.		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 - **\$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 self-study package for **\$289.00**.

☐ Downloadable MP3 Audio/PDF Manual

☐ CD/Manual Package

(Please allow four weeks from seminar date for delivery)

Checks: Make payable to HalfMoon Education Inc.

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