

Agenda

Presented by Jerry R. Tepe, FAIA

A Brief History of Modern Code Development

Code Development Process

Effective Use of the IBC

Chapter 1 – Scope and Administration

Modifications and alternatives to code compliance
Requirements for permitting

Chapter 3 –Occupancy Classification and Use

**Chapter 4 – Special Detailed Requirements
Based on Use and Occupancy (Summary Only)**

Chapter 5 – General Building Heights and Areas

Building height and area determination
Calculating permitted increases in height and area
Mixed use and occupancy

Chapter 6 – Types of Construction

Chapter 7 – Fire and Smoke Protection Features

Exterior walls
Fire walls
Fire barriers and fire partitions
Smoke barriers and smoke partitions

Chapter 8 – Interior Finishes

Chapter 9 – Fire Protection and Life Safety Systems

Chapter 10 – Means of Egress

Chapters 11, 16, 17 and 34

Accessibility
Structural design
Special inspections and tests
Existing buildings

2018 International Building Code
Burlington, VT - Thursday, August 8, 2019

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PO Box 278
Altoona, WI 54720-0278



Learning Objectives

You'll be able to:

Discuss the implications of changes within the 2018 International Building Code.

Identify how changes to the IBC will affect a building's allowable area, height and number of stories, based on type of construction, occupancy classification, location on the site and sprinkler provisions.

Examine when to use and how to design fire walls, fire barriers, fire partitions, smoke barriers and smoke partitions.

Review the impact of revisions to the means of egress requirements, including establishing occupant load, number and width of exits, and travel distances.

Assess ways to incorporate changes in the requirements of the code into future building designs.



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Recognize the implications of changes within the 2018 International Building Code

Identify how changes to the IBC will affect a building's allowable area, height and number of stories

Examine when to use and how to design fire walls, fire barriers, fire partitions, smoke barriers and smoke partitions

Review changes to the means of egress requirements, including occupant load, number/width of exits and travel distances

Discuss ways to incorporate changes in the requirements of the code into future building designs

Continuing Education Credits

Architects

6.5 HSW Continuing Ed. Hours
6.5 AIA HSW Learning Units

Contractors

Non-Credit Continuing Ed.

Professional Engineers

6.5 PDHs

International Code Council

.65 CEUs (Building)



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Faculty

Jerry R. Tepe, FAIA, *Owner at JRT-AIA Architect, in Concord, New Hampshire*

Mr. Tepe is a licensed architect. In practice for more than 40 years, he has been both a member and an officer of large E/A firms and a sole practitioner. His project experience ranges from single-family dwellings to large, multi-million dollar commercial and industrial facilities. As a sole proprietor, his firm specializes in building, fire and accessibility code (ADA) consulting to architects, contractors, insurance and legal professionals and private entities, including third-party plan reviews and accessibility inspections.

Mr. Tepe has been active in the code development process through the AIA since joining the AIA Codes and Standards Committee in 1987. With the creation of the International Code Council (ICC), he participated in the initial development of the *International Building Code* on the General/Occupancies Subcommittee and was the chair of that group for two terms. Mr. Tepe was a member of the International Fire Code Development Committee for two terms and also of the IBC Fire Safety and Egress Code Development Committees. Additionally he served a term on the ICC Code Correlation Committee. He has made numerous presentations to conference audiences on topics related to building code enforcement and interpretation issues.

Mr. Tepe has held all offices at both the state level (AIANH) and the regional level (AIA New England). He was active in the legislative process in New Hampshire to adopt the first statewide set of building codes. He has taught numerous code and accessibility-related issues in New Hampshire, New England and at BOCA, ICC, BSA and AIA conferences. Mr. Tepe is a past chair of the Building Code Board of Appeals in Concord, New Hampshire. He has also served on several other code and building-related state and local committees and groups and is a past chair of the AIA Center for Building Science and Performance Knowledge Community.

Here’s what past attendees had to say about the program and presenter Jerry Tepe:

“I enjoyed the seminar very much. One of the best seminars I have taken in a long time.” – *Architect*

“He is the best.” – *Architect*

“Good explanations and examples.” – *Fire Protection Contractor*

“Mr. Tepe is extremely knowledgeable on the subject & very well spoken.” – *Structural Engineer*

Seminar Information

Courtyard Burlington Harbor

25 Cherry Street
Burlington, VT 05401
(802) 864-4700

Registration
8:30 - 9:00 am
Morning Session
9:00 am - 12:30 pm
Lunch (on your own)
12:30 - 1:30 pm
Afternoon Session
1:30 - 5:00 pm

Tuition

\$289 for individual registration

\$269 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.

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 HSW continuing education hours to architects and 6.5 PDHs to professional engineers in most states, including Vermont. Acceptance may be dependent on which version of the IBC that has been adopted in particular states. Educators and courses for architects are not subject to preapproval in Vermont.

This seminar is approved by the American Institute of Architects for 6.5 HSW Learning Units (Sponsor No. J885). Only full attendance can be reported to the AIA.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), 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 .65 CEUs in the specialty area of Building.

This seminar offers a non-credit continuing education opportunity to contractors. It has not been approved by any state contractor licensing entity with a continuing education requirement.

Additional Learning

Webinar Series

International Existing Building Codes

- **Working with the International Existing Building Code**

Thurs., June 20, 2019, 11:00 AM - 12:30 PM CDT

- **Chapters 3, 4 & 6**

Thurs., June 20, 2019, 1:00 - 3:00 PM CDT

- **Chapters 7-10: Alterations and Occupancy**

Fri., June 21, 2019, 11:00 AM - 1:00 PM CDT

- **Chapters 11, 12 and 14: Additions and Historic Buildings**

Fri., June 21, 2019, 1:30 - 3:00 PM CDT

Retaining Structures

- **Earth Pressures and Surcharges**

Wed., June 26, 2019, 11:00 AM - 12:30 PM CDT

- **Cantilever & Apparent Earth Pressures**

Wednesday, June 26, 2019, 1:00 - 2:30 PM CDT

- **Apparent Earth Pressures**

Thurs., June 27, 2019, 11:00 AM - 12:30 PM CDT

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

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.

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 \$269. 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.

Registration

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How to Register		Registrant Information
Online: www.halfmoonseminars.org		Name: _____
		Company/Firm: _____
Phone: 715-835-5900		Address: _____
		City: _____ State: _____ Zip _____
Fax: 715-835-6066		Occupation: _____
		Email: _____
Code: 715-835-6066		Phone: _____
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278		Additional Registrants:
		Name: _____
Complete the entire form. 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 - **\$289.00**. Three or more registrants from the same company registering at the same time - **\$269.00** each.

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

☐ Downloadable MP3 Audio/PDF Manual for **\$269.00**.

☐ CD/Manual Package for **\$289.00**.

(Please allow four 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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Email: _____