

# 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**  
Piscataway, NJ - Tuesday, March 26, 2019

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PO Box 278  
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# 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 CPC Credits/PDHs

### **International Code Council**

.65 CEUs (Building)



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# Faculty

**Jerry R. Tepe, FAIA**, *Owner at JRT-AIA Architect, in Hopkinton, 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 he 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 (AIA NH) 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 he 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

**Radisson Hotel Piscataway-Somerset**  
21 Kingsbridge Road  
Piscataway, NJ 08854  
(732) 980-0400

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](http://www.halfmoonseminars.org).

**How to Register**

- Visit us online at [www.halfmoonseminars.org](http://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 CPC credits/PDHs to professional engineers licensed in all states.

HalfMoon Education is an approved continuing education provider for New Jersey engineers (Approval No. 24GP00000700).

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, New York (NYSED Sponsor No. 35), North Carolina, and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York architects.

This event has been approved by the American Institute of Architects for 6.5 HSW Learning Units (Sponsor No. J885). Courses approved by the AIA qualify for New Jersey architects. 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 also offers a non-credit education opportunity for contractors; it has not been approved in any state which has a contractor continuing education requirement.

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

### Off-Grid Master Class

- **Off-Grid Master Class, Part I**  
Wed., Feb. 6, 2019, 11:00 AM -2:15 PM CST
- **Off-Grid Master Class, Part II**  
Thurs., Feb. 7, 2019, 11:00 AM -2:15 PM CST

### Complying with ADA Standards for Accessible Design

- **Complying with Federal and State Accessibility Requirements**  
Thurs., Feb. 7, 2019, 11:00 AM -1:30 PM CST
- **Meeting Requirements in IBC and ADA Standards**  
Fri., Feb. 8, 2019, 11:00 AM -1:30 PM CST

## Special Inspections

- **Introduction to Chapter 17: Special Inspections**  
Wed., Feb. 13, 2019, 11:00 AM -12:30 PM CST
- **Soils and Foundations**  
Wed., Feb. 13, 2019, 1:00 -2:30 PM CST
- **Reinforced Concrete and Structural Steel**  
Thurs., Feb. 14, 2019, 11:00 AM -12:30 PM CST
- **ACT Ceiling Grid, Epoxy Anchors, and Fire Penetrations**  
Thurs., Feb. 14, 2019, 1:00 -2:30 PM CST

## Foundations in Cold Regions

- **Introduction to Cold Regions Foundations**  
Thurs., Feb. 21, 2019, 11:00 AM -12:30 PM CST
- **Shallow Foundation Design in Cold Regions**  
Thurs., Feb. 21, 2019, 1:00 -2:30 PM CST
- **Deep Foundation Design in Cold Regions**  
Fri., Feb. 22, 2019, 11:00 AM -12:30 PM CST
- **Foundation Construction in Cold Regions**  
Fri., Feb. 22, 2019, 1:00 -2:00 PM CST

For more information visit:  
[www.halfmoonseminars.org/webinars/](http://www.halfmoonseminars.org/webinars/)

**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:<br><a href="http://www.halfmoonseminars.org">www.halfmoonseminars.org</a> |  | Name: _____                                                                                                                                                         |
|                                                                                   |  | Company/Firm: _____                                                                                                                                                 |
|                                                                                   |  | Address: _____                                                                                                                                                      |
|                                                                                   |  | City: _____ State: _____ Zip _____                                                                                                                                  |
| Phone:<br>715-835-5900                                                            |  | Occupation: _____                                                                                                                                                   |
|                                                                                   |  | Email: _____                                                                                                                                                        |
|                                                                                   |  | Phone: _____                                                                                                                                                        |
| Fax:<br>715-835-6066                                                              |  | <b>Additional Registrants:</b>                                                                                                                                      |
| Code:                                                                             |  | Name: _____                                                                                                                                                         |
|                                                                                   |  | Occupation: _____                                                                                                                                                   |
|                                                                                   |  | Email: _____                                                                                                                                                        |
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| Mail:<br>HalfMoon Education Inc.,<br>PO Box 278, Altoona, WI<br>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 - **\$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*

Credit Card Number: \_\_\_\_\_

Expiration Date: \_\_\_\_\_ CVV2 Code: \_\_\_\_\_

Cardholder Name: \_\_\_\_\_

Billing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Signature: \_\_\_\_\_

Email: \_\_\_\_\_