

Agenda

Presented by Edward L. Fronapfel

Working with the International Existing Building Code

- Existing building stock: challenges and opportunities
- Development of the Code
- Chapter 1: Scope and Administration
- Chapter 2: Definitions

Chapter 3: Provisions for All Compliance Methods

- Option 1: prescriptive compliance method
- Option 2: work area compliance method
- Option 3: performance compliance method

Chapters 4 and 6

- Repairs
- Classification of work

Chapters 7-9: Alterations

- Alterations levels 1, 2 and 3

Chapter 10: Change of Occupancy

- Change of occupancy classification
- Means of egress
- Code compliance for building elements

Chapter 11: Additions

- Heights and areas
- Structural requirements

Chapters 12 and 14

- Historic buildings
- Moved or relocated buildings

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 \$279. 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.

International Existing Building Code
Denver, CO - Friday, May 15, 2020

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Learning Objectives

You'll be able to:

- Describe** the challenges of maintaining and upgrading existing building stock to maintain functionality.
- Utilize** three options for determining existing building code compliance.
- Discuss** requirements for repairs and alterations.
- Comply** with requirements for changing occupancy.
- Get** tips on complying with code provisions for building additions.
- Review** specific provisions for historic buildings.



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- Maintain** and upgrade existing buildings
- Review** three methods for determining code compliance
- Examine** requirements for repairs and alterations
- Discuss** code provisions on building additions
- Explore** code compliance when changing occupancy

Continuing Education Credits

- | | |
|---|---|
| Professional Engineers
7.0 PDHs | International Code Council
.7 CEUs (Building) |
| Architects
7.0 HSW CEHs
7.0 AIA LU HSW | Contractors
Non-Credit Continuing Ed. |



Faculty

Edward L. Fronapfel *Fellow Member of NAFE, Owner, SBSA, Inc.*

Mr. Fronapfel holds a bachelor of science degree in Civil Engineering and a master of science degree in Civil Engineering with an emphasis in forensic and structural engineering. He is a board certified building inspection engineer through the National Academy of Building Inspection Engineers and a fellow member of the National Academy of Forensic Engineers. In addition, Mr. Fronapfel is a level 2 thermographer and a level 2 post tension examiner. He is certified by the National Association of Certified Home Inspectors and is a third party Exterior Design Institute inspector. He teaches as an adjunct professor at the University of Denver in the Burn's School of Real Estate and Construction Management. Courses include Estimating, Project Management and Control, Sustainability in Construction, Residential Construction Systems and Environmental Systems and MEP. His work experience encompasses geohydraulic engineering, hydraulics, hydrology, civil and structural engineering for new development, warranty work, property claim support, repair and rehabilitation design. Mr. Fronapfel's building science work includes interior ventilation control; HVAC sizing verifications and analysis; and moisture management systems for attics, crawlspaces and basements for residential and commercial structures. He has additional background in masonry, stucco, EIFS, and many components used for cladding buildings from foundation systems to roofing systems. Mr. Fronapfel's experience includes over 450 deposition testimonies and over 55 trial testimonies, as well as hundreds of mediations, and arbitrations. He is a registered engineer in Alabama, Arizona, Colorado, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Louisiana, Michigan, Minnesota, Mississippi, Montana, Missouri, Nebraska, New Jersey, Nevada, New Mexico, North Carolina, North Dakota, Oklahoma, Oregon, South Carolina, South Dakota, Tennessee, Texas, Utah, Virginia, Washington, and Wyoming. Mr. Fronapfel holds active memberships in many professional organizations including RCI, AIA, NSPE, CABO, RESNET and others. He is a published writer in *The Journal of RCI*, *The Forensic Engineering Task Force*, *The Investigative Engineer*, *The I-ENG-A Report*, *Colorado Claims Guide*, *Building Integration Solutions*, *Construction Accounting and Taxation*, and *The Journal of Forensic Engineering*.

Seminar Information

Renaissance Denver Stapleton Hotel
3801 Quebec Street
Denver, CO 80207
(303) 399-7500

Tuition
\$299 for individual registration
\$279 for three or more registrations.

Included with your registration: 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 7.0 HSW continuing education hours to architects in most states, including Colorado architects. Educators and courses are not subject to preapproval in Colorado.

This seminar is approved by the American Institute of Architects Continuing Education System for 7.0 LU|HSW (Sponsor No. J885). Visit www.halfmoonseminars.org for complete AIA/CES information under this course listing. Only full attendance is reportable to the AIA/CES.

This course also offers 7.0 PDHs to professional engineers in all states with mandatory continuing education.

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 engineers and architects.

Additional Learning

Webinar Series

Compliance with the 2018 International Building Code

- **Compliance with the 2018 International Building Code, Part I**
Wed., April 8, 2020, 11:00 AM - 1:00 PM CDT
- **Compliance with the 2018 International Building Code, Part II**
Wed., April 8, 2020, 1:30 - 3:30 PM CDT
- **Compliance with the 2018 International Building Code, Part III**
Thurs., April 9, 2020, 11:00 AM - 12:30 PM CDT

Structural Forensic Engineering

- **Overview of the Role of Forensic Engineering**
Thurs., April 16, 2020, 11:00 - 12:30 PM CDT
- **Forensic Engineering Process and Forensic Engineering Report**
Thurs., April 16, 2020, 1:00 - 3:00 PM CDT
- **Causes of Structural Failures**
Fri., April 17, 2020, 11:00 - 12:30 PM CDT
- **Forensic Examination of Structures and Use in Litigation**
Fri., April 17, 2020, 1:00 - 3:00 PM CDT

For more information and other online learning opportunities visit:
www.halfmoonseminars.org/webinars/

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

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

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Registration

How to Register

Online:

www.halfmoonseminars.org

Phone:

715-835-5900

Fax:

715-835-6066

Code:

Mail:

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

Complete the entire form.

Attach duplicates if necessary.

Registrant Information

Name:

Company/Firm:

Address:

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State:

Zip:

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Additional Registrants:

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Name:

Occupation:

Email:

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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.

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I need special accommodations. Please contact me.

Tuition

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I will be attending the live seminar.

Single Registrant - **\$299.00**. Three or more registrants from the same company registering at the same time - **\$279.00** each.

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I am not attending.

Please send me the self-study package:

☐ Downloadable MP3 Audio/PDF Manual for **\$279.00**.

☐ CD/Manual Package for **\$299.00**.

☐ USB/Manual Package **\$299.00**.

(S&H included. Please allow five weeks from seminar date for delivery)

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