

Agenda

Presented by Michael Nier, MCP

Building Code Background and Application

- Development of the International Building Code
- Code adoption processes in South Carolina (2018 IBC)
- Code update process
- Code terminology
- Code enforcement

Building Classification, Occupancy and Safety

- Classification of structures
- Occupancy and special uses
- Fire resistance-rated construction
- Fire protection systems
- Doors and windows

Regulation of Building Components

- Exterior walls
- Roof assemblies
- Structural design
- Soils and foundations

Use of Specific Materials and Construction Techniques

- | | |
|----------|-------------------|
| Concrete | Aluminum |
| 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

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.

International Building Code
Columbia, SC - Friday, February 28, 2020

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Learning Objectives

You'll be able to:

Explain the classification of structures and review requirements for fire resistance-rated construction.

Comply with provisions for the use of specific materials, including concrete, masonry, wood, aluminum and steel.

Understand the regulation of building components, including exterior walls, roof assemblies and foundations.

Comply with the regulation of interior construction, including the use of gypsum board and plaster.

Utilize safety measures to protect workers, the public, and adjacent properties.



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|---|--|
| Review building code background and application | Examine the use of specific materials and building techniques |
| Discuss building classification, occupancy, and safety | Understand the regulation of interior construction |
| Explore the regulation of building components | |

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

Michael Nier *Master Code Professional with Nier Building Inspections*

Mr. Nier is a master code professional and holds 38 certifications from ICC and NFPA. He has over 25 years of technical and managerial experience in both private government partnerships, as well as within the traditional municipal government offices and within the construction industry. His work with various municipalities has included acting as chief building official for the startup of two cities in Georgia where he has done department set up, organization and implementation; plan review; permitting; code enforcement; field inspection; supervision of other inspections; staff reviews and employee training. Mr. Nier has served as a building official in numerous jurisdictions in Georgia, both as an interim as well as a primary official. He is past vice president of Northwest Georgia Inspectors Association and a member of the Fire Sprinkler Exam Development Committee for the International Code Councils’ Board for International Professional Standards. Mr. Nier has taught home inspection and code certification classes to municipal inspectors, home inspectors, remodelers and builders for over 10 years. He previously owned and operated a small “turn-key” remodeling company specializing in residential and light commercial buildings. Mr. Nier is past vice president of the Northwest Georgia Inspectors Association and a member of the Fire Sprinkler Exam Development Committee for the International Code Council.

Seminar Information

Columbia Marriott 1200 Hampton St. Columbia, SC 29201 (803) 771-7000	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
\$289 for individual registration
\$269 for three or more simultaneous 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.

Additional Learning

Webinar Series

Pumping and Piping Systems

- **Introduction to Pumps: Operation, Principles and Calculations**
Thurs., Feb. 6, 2020, 11:00 AM - 1:00 PM CST
- **Pumping and Piping Design Standards and Codes**
Thurs., Feb. 6, 2020, 1:30 - 2:30 PM CST
- **Piping System Components, Materials and Calculations**
Fri., Feb. 7, 2020, 11:00 AM - 1:00 PM CST
- **Handling Pump and Piping System Problems**
Fri., Feb. 7, 2020 , 1:30 - 2:30 PM CST

Pavement Design

- **Principles of Pavement Design**
Wed., Feb. 12, 2020, 11:00 AM - 12:00 PM CST
- **Flexible Pavement Design**
Wed., Feb. 12, 2020, 12:30 - 2:30 PM CST
- **Rigid Pavement Design**
Thurs., Feb. 13, 2020, 11:00 AM - 1:00 PM CST
- **Maintenance, Rehabilitation and Sustainability of Pavements**
Thurs., Feb. 13, 2020, 1:30 - 3:30 PM CST

Ethical Issues for Engineers

- **Resolving Disputes and Handling Ethical Issues in Government Projects**
Fri., Jan. 31, 2020, 12:00 - 1:00 PM CST
- **Complying with Rules of Professional Conduct**
Fri., Feb. 14, 2020, 12:00 - 1:00 PM CST

Foundations in Cold Regions

- **Introduction to Foundations in Cold Regions**
Thurs., Feb. 20, 2020, 11:00 AM - 12:30 PM CST
- **Shallow Foundation | Design in Cold Regions**
Thurs., Feb. 20, 2020, 1:00 - 2:30 PM CST
- **Deep Foundation Design in Cold Regions**
Fri., Feb. 21, 2020, 11:00 AM - 12:30 PM CST
- **Foundation Construction in Cold Regions**
Fri., Feb. 21, 2020, 1:00 - 2:00 PM CST

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

Continuing Education Credit Information

This seminar is open to the public. It offers 7.0 PDHs to professional engineers and 7.0 HSW continuing education hours to architects in all states. Educators and courses are not subject to preapproval in South Carolina.

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.

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

The International Code Council has approved this course for .7 CEUs in the specialty area of Building (Preferred Provider No. 1232).

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

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

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How to Register

Online:
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Complete the entire form. Attach duplicates if necessary.

Registrant Information

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City:_____State: _____ Zip_____

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Additional Registrants:

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Occupation: _____
Email: _____
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Name: _____
Occupation: _____
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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.

() 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**. ☐ USB/Manual Package **\$289.00**.
(S&H included. Please allow five 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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