Learning Objectives

You’ll be able to:

Learn about fire protection codes and life safety design in North Carolina.

Explore occupancy classifications.

Study exit access and arrangement of exits.

Examine fire protection features and equipment, including fire detection systems and sprinkler systems.

Review case studies of new construction and of occupancy changes for existing buildings.

Agenda

Presented by: Justin Biller, P.E., MCP, CFPS, CLSS-HC

Fire Protection and Life Safety Design
Applicable codes
- International Fire Code
- National Fire Protection Association (NFPA) codes
- North Carolina building codes
- Local ordinances
Scope and purpose of codes and ordinances
Special occupancies: health care facilities and others

Occupancy Classifications
General requirements and criteria
- Change of use and/or change of occupancy
- Hazard classifications
Life safety issues
Design specifications and scenarios
Evaluation and documentation

Means of Egress
Exit access, discharge and other components
- Impediments to egress
Calculating and determining occupant loads
- Gross vs. net
Arrangement of exits
Equivalency discussion
Case studies

Fire Protection Features and Equipment
Walls, signage
Fire detection, alarm and communication systems
Sprinkler systems
To register for the seminar, you can mail-in or fax the attached form to 715-835-6066, or visit us online at www.halfmoonseminars.org. Here's what past attendees had to say about the program and presenter Justin Biller:

“Seminar was very good.” — Building Inspector

“Very good, knowledgeable presenter.” — Architect

“Seminar was very good.” — Architect

“Justin gave a great presentation.” — Commercial Builder

This seminar is open to the public and offers 6.5 PDHs to professional engineers and 6.5 HSWS contact hours to architects in most states, including North Carolina. HalfMoon Education is an approved continuing education provider for engineers in North Carolina.

This seminar is approved by the American Institute of Architects for 6.5 AIA/SU(HV) Sponsor No. 8855. Courses approved by the AIA qualify for North Carolina architects. Full attendance can be reported to the AIA/CES. Visit www.halfmoonseminars.org for complete AIA information under this course listing.

Professional engineers and architects seeking continuing education credit in other states will be able to claim the hours reported to the AIA/CES. Visit www.halfmoonseminars.org for 6.5 PDHs to professional engineers and 6.5 HSWS contact hours to architects in most states, including North Carolina. HalfMoon Education is an approved continuing education provider for engineers in North Carolina.

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Additional Learning

Webinar Series

Structural Design and Ethics

- Structural Design: Ethical Issues
  - Thurs., August 15, 2019, 12:00 PM CDT
- Structural Design: Gravity Forces
  - Thurs., August 15, 2019, 12:30 - 2:30 PM CDT
- Structural Design: Lateral Forces
  - Fri., August 16, 2019, 11:00 AM - 12:30 PM CDT
- Structural Design: Wind, Seismic and Connections
  - Fri., August 16, 2019, 1:00 - 2:30 PM CDT

Technical Writing

- Planning Documents
  - Wed., August 14, 2019, 11:00 AM - 1:00 PM CDT
- Writing Documents
  - Wednesday, August 14, 2019, 1:30 - 3:30 PM CDT
- Revising and Editing Documents
  - Thurs., August 15, 2019, 11:00 AM - 1:00 PM CDT
- Technical Writing Best Practices
  - Thurs., August 15, 2019, 1:30 - 3:30 PM CDT

Introduction to Hydro Energy

Logic Modeling Software (HELP-FL)

- Introduction to Hydro Energy Logic Program Modeling Software (HELP-FL), Part I
  - Tues., August 20, 2019, 11:00 AM - 2:00 PM CDT
- Introduction to Hydro Energy Logic Program Modeling Software (HELP-FL), Part II
  - Wed., August 21, 2019, 11:00 AM - 2:30 PM CDT

Small Wind Energy Systems

- Small Wind Energy System Components
  - Thurs., August 22, 2019, 11:00 AM - 1:00 PM CDT
- Small Wind Energy Siting and Sizing
  - Fri., August 23, 2019, 11:00 AM - 1:00 PM CDT

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

Registration

Complying with Fire and Building Codes
Greensboro, NC - Friday, September 20, 2019

How to Register

Online: www.halfmoonseminars.org
Phone: 715-835-5900
Fax: Code: 715-835-6066

Complete the entire form. Attach duplicates if necessary.

Email: Phone:

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