Learning Objectives

Complying with Fire and Building Codes

Fairfax, VA
Thursday, July 13, 2017

Understand the scope and purpose of building and fire protection codes and ordinances.

Identify general requirements and criteria relating to occupancy classifications.

Examine key components of egress including occupant loads and arrangement of exits.

Learn about fire protection features and equipment.

Review occupancy issues in new construction and discuss changing occupancy classifications of existing buildings.

You’ll be able to:

Understand applicable building and fire prevention codes, and review the scope and purpose of codes and ordinances.

Discuss occupancy and hazard classifications.

Analyze means of egress and be able to calculate and determine occupant loads.

Evaluate fire protection features and equipment including fire detection, alarm and communication systems.

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

Agenda

Presented by Brian Schlosser, P.E.

Fire Protection and Life Safety Design

Applicable codes
- International Fire Code
- National Fire Protection Association (NFPA) codes
- State 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

Fire Protection Features and Equipment

Walls, signage

Fire detection, alarm and communication systems

Sprinkler systems

Occupancy Exercises

Case studies:
- New construction
- Changing occupancy of existing buildings

Continuing Education Credits

Architects
6.5 HSW Cont. Ed. Hours
6.5 AIA HSW Learning Units

Professional Engineers
6.5 Cont. Ed. Hours

Virginia Building Officials, Property Maintenance Officials & Technical Assistants
6.5 Cont. Ed. Hours

International Code Council
.65 CEUs - Fire

Contractors
Non-Credit Cont. Ed.
Faculty

Brian Schlosser, P.E., EWL Fire Engineering

Mr. Schlosser, a registered fire protection engineer, received his bachelor’s degree in Fire Protection Engineering from the University of Maryland in 2004 and has been with EWL Engineers, LLC, for over ten years. He is accomplished in analysis and design, inspections, and commissioning of a wide array of fire suppression, fire alarm evacuation/detection, and mass notification systems. He serves a diverse client base in the commercial, industrial, institutional, and government markets. In particular, he has distinguished himself as a leader in consulting, design, and commissioning of specialized fire protection systems for mission-critical data center facilities. Mr. Schlosser is a registered professional engineer in Maryland, Delaware, the District of Columbia, Texas and Florida.

About the Seminar

Hilton Garden Inn Fairfax
3950 Fair Ridge Drive
Fairfax, VA 22033
(703) 385-7747

Tuition
$259 for individual registration
$255 for three or more simultaneous registrations

Includes with your registration:
Complimentary continental breakfast and printed seminar manual.

Receive a reduced tuition rate of $101 by registering to be our on-site coordinator for the day. For availability and a job description, go online to www.halfmooneventinc.org.

Four Easy Ways to Register Today!
Register online at www.halfmooneventinc.org, mail in the registration form to HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278, fax the form to (715) 835-6066, or call a customer service representative 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 CD/manual 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 continuing education hours to engineers in most states, including Virginia. Educators and courses are not subject to preapproval in Virginia. This event has been approved by the American Institute of Architects for 6.5 HSW Learning Units (Sponsor No. J885). Partial attendance cannot be reported to the AIA.

Architects and engineers seeking continuing education credit in other states will be able to apply the hours earned at this seminar. In most cases, refer to specific state rules to determine eligibility. This course offers 6.5 continuing education hours to Virginia building officials, property maintenance officials, and technical assistants. Educators and courses are not subject to preapproval. The International Code Council has awarded .65 CEUs in the specialty area of fire for the completion of this program.

This seminar offers a non-credit continuing education opportunity to construction contractors but has not been approved by any state contractor licensing entity. Attendance will be monitored, and attendance certificates will be available after the seminar for most individuals who complete the entire program. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

CD/Manual Package: An audio recording of this seminar is available for $289 (including shipping). Allow five weeks from the seminar date for delivery. Please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Webinar Series

2017 Changes in Solar Design and Development
• 2017 Changes in Solar Design and Development, Part I
  Wed., July 12, 2017, 11:00 AM - 2:15 PM CDT
• 2017 Changes in Solar Design and Development, Part II
  Thurs., July 13, 2017, 11:00 AM - 2:15 PM CDT

Soil Engineering
• Introduction to Soil Engineering
  Thurs., July 13, 2017, 11:00 AM - 12:30 PM CDT
• Design of Excavation Support Systems
  Thurs., July 13, 2017, 1:00 PM - 2:30 PM CDT
• Slope Repair Techniques
  Fri., July 14, 2017, 11:00 AM - 12:30 PM CDT
• Soil Engineering after College: Practical Approaches to Foundations and Retaining Structures
  Fri., July 14, 2017, 1:30 PM - 2:30 PM CDT

Foundation Design and Construction in Cold Regions
• Introduction to Foundations in Cold Regions
  Thurs., July 20, 2017, 11:00 AM - 12:30 PM CDT
• Shallow Foundation Design in Cold Regions
  Thurs., July 20, 2017, 1:00 - 2:30 PM CDT
• Deep Foundation Design in Cold Regions
  Fri., July 21, 2017, 11:00 AM - 12:30 PM CDT
• Foundation Construction in Cold Regions
  Fri., July 21, 2017, 1:00 - 2:00 PM CDT

Special Inspections
• Overview of Special Inspections
  Thurs., July 27, 2017, 11:00 AM - 12:30 PM CDT
• Special Inspections for Steel, Wood and Cold-Formed Steel
  Thurs., July 27, 2017, 1:00 PM - 2:30 PM CDT
• Special Inspections for Concrete, Masonry and Soils
  Thurs., July 27, 2017, 11:00 AM - 1:00 PM CDT
• Special Inspections for Fire-Resistant Materials and Material Standards
  Fri., July 28, 2017, 1:30 PM - 2:30 PM CDT

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

Registration
Complying with Fire and Building Codes
Fairfax, VA - Thursday, July 13, 2017

How to Register
Online:
www.halfmooneventinc.org

Phone:
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PO Box 278, Altoona, WI 54720-0278

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Tuition

I will be attending the live seminar. Single Registrant - $279.00. Three or more registrants from the same company registering at the same time - $259.00 each.

I am not attending. Please send me the CD manual package for $289.00.

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

Checks: Make payable to HalfMoon Education Inc.

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