

Agenda

Presented by John Swanson

Fire Protection and Life Safety Design

Applicable codes

- International Fire Code
- National Fire Protection Association (NFPA) 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

Complying with Fire Protection and Building Codes

Sioux Falls, SD - Wednesday, August 8, 2018

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PO Box 278
Altoona, WI 54720-0278



Learning Objectives

You'll be able to:

Learn about fire protection codes and life safety design.

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.



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Learn about fire protection codes and life safety design

Explore occupancy classifications

Study exit access and arrangement of exits

Examine fire protection features and equipment

Review case studies

Continuing Education Credits

Architects

6.5 PDHs (HSW)
6.5 AIA HSW CEHs
6.5 HSW Learning Units

Professional Engineers

6.5 PDHs

International Code Council

.65 CEUs (Fire)

Contractors

Non-Credit Continuing Ed.



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John Swanson
Deputy State Fire Marshal – Inspector / Plans Examiner Minnesota State Fire Marshal Division

Mr. Swanson has worked in the fire service as a firefighter, fire marshal and state fire marshal for nearly 20 years. He is certified as a Fire Inspector III, Plans Examiner, and Firefighter II, and he is NICET-certified in fire alarm systems. Mr. Swanson currently represents the Minnesota State Fire Marshal Division on several state and national code development and interpretation committees, including NFPA 72 – National Fire Alarm and Signaling Code and the IBC Fire Safety Committee. He serves as a contract instructor for the International Code Council (ICC), National Fire Academy and often travels the United States providing training on NFPA 72. In 2013, he was appointed by Minnesota Governor Mark Dayton to the state board responsible for establishing rules and regulations for those practicing in the architectural and engineering professions for the State of Minnesota. In 2013, Mr. Swanson’s youngest son was diagnosed with autism spectrum disorder. Due to this, he has a personal interest in fire alarm systems and fire safety for children with autism spectrum disorder and other special needs. Through his work on the NFPA 72 technical committee, Mr. Swanson has worked on a national task group to review fire alarm notification appliances and the impact they have on children with autism. He has also served as a consultant nationally to design professionals, school districts and code officials on autism-related fire and life safety issues.

Seminar Information

Holiday Inn City Centre
100 West 8th Street
Sioux Falls, SD 57104
(605) 339-2000

Registration
8:00 - 8:30 am
Morning Session
8:30 - 11:45 am
Lunch (On your own)
11:45 am - 12:45 pm
Afternoon Session
12:45 - 4:30 pm

Tuition
\$279 for individual registration
\$259 for three or more simultaneous registrations.

Each registration includes a complementary continental breakfast and printed seminar manual. Registration does not include copies of fire/building codes.

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 (CDT), 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 up to 6.5 HSW (PDHs) to architects and 6.5 PDHs to professional engineers in most states, including South Dakota. Educators and courses are not subject to pre-approval in South Dakota.

The American Institute of Architects has approved this event for 6.5 HSW Learning Units (Sponsor No. J885). Only full attendance can be reported to the AIA/CES.

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

The International Code Council has approved this program for .65 CEUs in the specialty area of Fire.

This seminar also offers a non-credit continuing education opportunity to contractors. It has not been submitted for approval in any state with 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

- Septic Systems Series**
- **Onsite Wastewater Treatment Technologies, Regulations and Contaminant Removal**
Thurs., July 19, 2018, 11:00 AM - 12:30 PM CDT
 - **Evaluating Sites, Setting Treatment Goals and System Design**
Thurs., July 19, 2018, 1:00 - 2:30 PM CDT
 - **Alternative and Sustainable Treatment Technologies**
Fri., July 20, 2018, 11:00 AM - 12:30 PM CDT
 - **Management Programs for Onsite Wastewater Treatment Systems**
Fri., July 20, 2018, 1:00 - 2:30 PM CDT

Retaining Walls and Slope Stabilization

- **Retaining Wall Basics**
Thurs., July 26, 2018, 11:00 AM - 12:00 PM CDT
- **Geosynthetics and Retaining Walls**
Thurs., July 26, 2018, 12:30 - 3:00 PM CDT
- **Slope Stability and Geosynthetics**
Fri., July 27, 2018, 11:00 AM - 12:30 PM CDT
- **Slope and Retaining Wall Failures, Fixes and Prevention**
Fri., July 27, 2018, 1:00 - 3:00 PM CDT

National Electrical Code

- **National Electrical Code, Part I**
Tues., July 24, 2018, 11:00 AM - 3:30 PM CDT
- **National Electrical Code, Part II**
Weds., July 25, 2018, 11:00 AM - 3:30 PM CDT
- **National Electrical Code, Part III**
Thurs., July 26, 2018, 11:00 AM - 3:30 PM CDT

The Distributed Battery Webinar Series

- **The Distributed Battery Webinar, Part I**
Wed., Aug. 1, 2018, 11:00 AM - 2:15 PM CDT
- **The Distributed Battery Webinar, Part II**
Thurs., Aug. 2, 2018, 11:00 AM - 2:15 PM CDT

Handling Ethical Issues in Professional Engineering Practice

Fri., Aug. 3, 2018, 11:00 AM - 12:00 PM CDT

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

Can’t Attend? Order the 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.

Registration

Complying with Fire Protection and Building Codes

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How to Register	Registrant Information
Online: www.halfmoonseminars.org	Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip: _____ Occupation: _____ Email: _____ Phone: _____
Phone: 715-835-5900	Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____
Fax: 715-835-6066	Name: _____ Occupation: _____ Email: _____ Phone: _____
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278	Name: _____ Occupation: _____ Email: _____ Phone: _____
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 - **\$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.

Credit Card: *Mastercard, Visa, American Express, or Discover*

Credit Card Number: _____

Expiration Date: _____ CVV2 Code: _____

Cardholder Name: _____

Billing Address: _____

City: _____ State: _____ Zip: _____

Signature: _____

Email: _____

