

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
- Georgia 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

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.

Complying with Fire and Building Codes
Atlanta, GA - Friday, November 15, 2019

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Learning Objectives

You'll be able to:

Identify life safety and building codes which contain fire protection and fire resistance requirements, including the International Fire Code and National Fire Protection Association (NFPA) codes,

Define building occupancy classifications and identify how changes of use and occupancy affect fire protection requirements.

Comply with requirements for fire protection features and equipment, including fire-resistant building materials, fire and smoke protection features, fire detection and alarm systems and sprinkler systems.

Describe fire and building code requirements for exit access and discharge for different types of building occupancies.

Comply with requirements for both number of exits and exit arrangement.



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Enhance your understanding of fire protection and life safety design

Understand the National Fire Protection Association (NFPA) and Georgia state codes and standards

Learn about exit access, discharge and other components of means of egress

Explore general requirements and criteria related to occupancy classifications

Discuss fire protection features and equipment

Continuing Education Credits

Professional Engineers

6.5 PDHs

Architects

6.5 Public Protection PDU's

6.5 AIA LU|HSW

International Code Council

.65 CEUs (Fire)

Contractors

Non-Credit Continuing Ed.



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Faculty

Justin Biller, P.E., MCP, CFPS, CLSS-HC *Emerson Graham + Associates, Charlotte, NC*

Mr. Biller is a faculty lecturer at the University of North Carolina Charlotte in the undergraduate program for fire and safety engineering technology and the graduate program in fire protection and safety management. He teaches an array of courses including fire and building codes, fire behavior and fire dynamics, human behavior in fire, fire protection systems and hydraulics, fire modeling and performance-based aspects of fire protection engineering design, fire prevention and public fire protection public policy.

Mr. Biller is also owner and principal fire protection engineer of Emerson Graham + Associates, a fire protection engineering and code consultancy firm, and he is technical director of AEGIS, a fire door and barrier management inspection agency. Mr. Biller holds registration as a professional fire protection engineer in multiple states including Virginia, Georgia, North Carolina and New York. Additionally, he is an NFPA-Certified healthcare life safety specialist healthcare facility manager (CLSS-HC) and a certified fire protection specialist (CFPS). Mr. Biller holds the master code professional (MCP), certified building official (CBO), and certified fire official (CFO) certifications from ICC. He is a professional member of the American Society of Healthcare Engineers (ASHE), a professional member of the Society of Fire Protection Engineers (SFPE), and a member of the National Fire Protection Association (NFPA), currently serving on four technical committees. He is a 2014 graduate of the MSc. Fire Protection Engineering program at California Polytechnic State University and a 2007 undergraduate of the BSc. Engineering Technology program at Old Dominion University.

Seminar Information

Embassy Suites - Galleria

2815 Akers Mill Road SE
Atlanta, GA 30339
(770) 984-9300

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

\$289 for individual registration

\$269 for three or more registrations.

Included 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 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 6.5 PDHs to Georgia professional engineers and 6.5 Public Protection PDUHs to Georgia architects. Educators and courses are not subject to preapproval in Georgia.

This seminar is approved by the American Institute of Architects Continuing Education System for 6.5 LU|HSW (Provider No. J885). Only full attendance can be reported to the AIA/CES. Visit www.halfmoonseminars.org for complete AIA/CES information under this course listing.

Architects and engineers seeking continuing education credit in other states will be able to apply the hours earned at this seminar, in many cases. Refer to specific state continuing education rules to determine eligibility.

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

This course offers a non-credit continuing education opportunity to construction contractors. It 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 event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

Additional Learning

Webinar Series

Solar Photovoltaic Project Design and Development

- **Solar Photovoltaic Project Design and Development, Part I**

Wed., October 2, 2019, 11:00 AM - 2:15 PM CDT

- **Solar Photovoltaic Project Design and Development, Part II**

Thurs., October 3, 2019, 11:00 AM - 2:15 PM CDT

Special Inspections

- **Introduction to Chapter 17: Special Inspections**

Thurs., October 10, 2019, 11:00 AM - 12:30 PM CDT

- **Soils and Foundations**

Thurs., October 10, 2019, 1:00 - 2:30 PM CDT

- **Reinforced Concrete and Structural Steel**

Fri., October 11, 2019, 11:00 AM - 12:30 PM CDT

- **ACT Ceiling Grid, Epoxy Anchors, and Fire Penetrations**

Fri., October 11, 2019, 1:00 - 2:30 PM CDT

Component Tolerance Analysis

- **Introduction to Component Tolerance Analysis**

Thurs., October 17, 2019, 11:00 AM - 12:00 PM CDT

- **Dimensional Tolerance Analysis**

Thurs., October 17, 2019, 12:30 - 3:00 PM CDT

- **Application of Dimensional Tolerance Analysis**

Fri., October 18, 2019, 11:00 AM - 2:15 PM CDT

National Electrical Code

- **National Electrical Code, Part I**

Tues., October 22, 2019, 11:00 AM - 3:30 PM CDT

- **National Electrical Code, Part II**

Wed., October 23, 2019, 11:00 AM - 3:30 PM CDT

- **National Electrical Code, Part III**

Thurs., October 24, 2019, 11:00 AM - 3:30 PM CDT

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

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Registration

Complying with Fire and Building Codes

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How to Register	
Online: www.halfmoonseminars.org	
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Fax: 715-835-6066	Code:
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Complete the entire form. Attach duplicates if necessary.	
Registrant Information	
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Additional Registrants:	
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Occupation: _____	
Email: _____	
Phone: _____	
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.

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