

Agenda

Presented by Jake Zlomie, CFPS

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

- Building materials and components
- Fire and smoke protection features
- Fire detection, alarm and communication systems
- Sprinkler systems
- Special occupancies and equipment

Code Compliance Exercises

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

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Complying with Fire Protection and Building Codes

Live, Interactive Webinar - Thurs., November 19, 2020



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Learning Objectives

You'll be able to:

Receive an overview of fire protection and life safety design codes, including the International Fire Code and National Fire Protection Association codes.

Discuss occupancy classifications, including hazard classifications.

Calculate and determine gross and net occupant loads.

Discuss fire detection, alarm, and communication systems.

Explain code compliance concerning new construction and changing occupancy of existing buildings.



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HalfMoon Education Online Learning

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Understand fire protection and life safety design

Examine fire protection features and equipment

Discuss occupancy classifications

Explore code compliance exercises

Explain means of egress and impediments to egress

Continuing Education Credits

Professional Engineers
7.0 PDHs

AIA
7.0 LU|HSW

Architects
7.0 HSW CE Hours

International Code Council
.7 CEUs (Fire)



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Jake Zlomie, CFPS *Fire Marshall, Montana State University*

Mr. Zlomie is the University Fire Marshal for Montana State University in Bozeman, Montana. He graduated from Oklahoma State University with a bachelor’s degree in Fire Protection and Safety Engineering Technology in 2013. He is currently working on establishing a systematic approach to fire and life safety to ensure that students, staff, and visitors of Montana State University are safe from the hazards associated with fire. Prior to starting at Montana State University, Mr. Zlomie had work experiences in municipal fire prevention, Department of Energy, and commercial nuclear power facilities. He maintains certification as a Certified Fire Protection Specialist (CFPS) from the National Fire Protection Association (NFPA), Fire Inspector I, Fire Inspector II, and Fire Plans Examiner from the International Code Council (ICC), as well as several fire service certifications. Outside of work, you can find Mr. Zlomie on the golf course, exploring Montana, or spending time with family. He currently resides in Belgrade, Montana with his wife and daughter.

Webinar Information

Log into Webinar 9:00 - 9:30 am CST	Break 12:45 - 1:15 pm CST
Morning Session 9:30 am - 12:45 pm CST	Afternoon Session 1:15 - 5:30 pm CST

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Additional Learning

National Electrical Code 2020
- Fri., October 23, 2020 | 8:30 am - 5:00 pm CDT

Insects in the Built Environment
- Mon., October 26, 2020 | 9:30 am - 5:15 pm CDT

International Building Code 2018
- Mon., October 26, 2020 | 9:00 am - 5:30 pm CDT

Passive House: Planning and Design
- Tues., October 27, 2020 | 8:30 am - 4:30 pm CDT

Introduction to the International Green Construction Code (IgCC)
- Wed., October 28, 2020 | 11:00 am - 2:15 pm CDT
- Thurs., October 29, 2020 | 11:00 am - 2:15 pm CDT

Special Inspections under the 2018 International Building Code Chapter 17
- Thurs., October 29, 2020 | 9:30 am - 4:20 pm CDT

Soils in Construction: An Interactive Workshop
- Thurs, October 29, 2020 | 8:30 am - 5:00 pm CDT

Are Heat Pumps Ready to Replace Fossil Fuels in Buildings?
- Fri., October 30, 2020 | 8:30 am - 4:30 pm CDT

Stormwater Basins and Underground Systems
- Thurs., Nov. 5, 2020 | 12:00 - 4:00 pm CST
- Fri., Nov. 6, 2020 | 12:00 - 3:30 pm CST

2018 International Existing Building Code: Overview and Requirements for all Compliance Methods
- Fri., November 6, 2020 | 10:00 am – 2:30 pm CST

Threats to Trees
- Thurs., Nov. 12, 2020 | 11:00 am - 3:00 pm CST
- Fri., Nov. 13, 2020 | 11:00 am - 2:30 pm CST

Onsite Wastewater Treatment Systems
- Mon., Nov. 16, 2020 | 8:30 am - 4:30 pm CST

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The American Institute of Architects Continuing Education System has approved this course for 7.0 LU|HSW (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

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

Completion certificates will be awarded to participants who complete this event and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

Registration

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