

HalfMoon Education Live Continuing Education Webinars

Fire and Life Safety Code Webinars

Complying with NFPA 101 (2021): Life Safety Code

Monday, January 30, 2023 | 8:30 am - 5:00 pm CST

Credits: Professional Engineers: 7.0 PDHs Architects: 7.0 HSW CE Hours

AIA: 7.0 LU|HSW International Code Council: .7 CEUs (Fire)

Complying with Fire Protection and Building Codes

Tuesday, January 31, 2023 | 8:30 am - 4:30 pm CST

Credits: Professional Engineers: 7.0 PDHs Architects: 7.0 HSW CE Hours

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Agenda:

NFPA 101 Overview

- | | |
|-----------------------------|---------------------------|
| Code layout | Scope and purpose of code |
| Application and equivalency | Key definitions |

Means of Egress

- Exit access and discharge
- Calculating and determining occupant loads
- Arrangement of exits

Occupancy Classifications

- General requirements and criteria
- Design specifications and scenarios
- Evaluation and documentation

Fire Protection Features and Equipment

- | | |
|----------------------------------|----------------------------|
| Fire barriers and smoke barriers | Special hazard protections |
| Occupant notification | Fire safety features |

Interior Finish, Special Structures and High-Rise Buildings

- Interior finish
 - Definitions and classifications
 - Trim and incidental finishes
- Content and furnishings
- Special structures and high-rise buildings
 - General requirements
 - Special structures
- High-rise buildings
- Permanent membrane structures

Occupancy Exercises

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Agenda:

Fire Protection and Life Safety Design

- History of fire protection in building codes
- National and statewide fire codes
 - International Fire Code
 - National Fire Protection Association (NFPA) codes
 - International Building Code and International Residential Code
 - Local codes and ordinances
- Scope and purpose of codes and ordinances
- Code adoption and enforcement

Construction Types and Occupancy Classifications

- Overview of construction types for fire protection
- Overview of occupancy classifications
- Life safety issues specific to different occupancies
 - Separated versus non-separated occupancies
- Design specifications and scenarios

Means of Egress

- Evaluating the three components of a means of egress
 - The exit access
 - The exit
 - The exit discharge
- Calculating and determining occupant loads
 - Occupant load factors
 - Gross vs. net occupant loads
 - Egress capacity factors
- Arrangement and number of exits

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Fire Protection Features and Equipment

- Passive fire protection
 - Combustible vs noncombustible construction
 - Fireproofing types and materials
- Active fire protection
 - Fire suppression/sprinkler systems
 - Fire and smoke alarm systems

Code Compliance Exercises

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

Webinar Presenters

Complying with NFPA 101 (2021): Life Safety Code

Michael J. Fiebig

Mr. Fiebig holds a Bachelor of Environmental Design degree from the University of Colorado, Boulder, and a Master of Architecture degree from the University of Colorado, Denver. He is a licensed architect in several states, and he provides both consulting and design services to clients throughout the country.

Complying with Fire Protection and Building Codes

Kendall H. Nightlinger *Senior Code Specialist at Ino-Tek*

Mr. Nightlinger is a nationally recognized expert in the application of building and fire codes to the safe design and operation of commercial and industrial facilities. He has been a fire protection and mechanical plans examiner/inspector since 1992.

Tuition per webinar

\$319 for individual registration

\$289 for two or more registrants from the same company at the same time.

Included with your registration: PDF seminar manual.