

Agenda

Presented by Michael J. Fiebig, RA, AIA, NCARB, LEED GA, CFPS, CEP

Introduction to NFPA 101

- Overview of the National Fire Protection Association
- History and development of fire and life safety codes
- Scope and purpose of NFPA 101
- Fire protection and life safety
- NFPA 101 table of contents

Occupancy and Hazard Classifications

- Classification of occupancy
- Mixed occupancies
- Classification of hazard of contents

Means of Egress

- Evaluating the three components of the means of egress:
 - The exit access
 - The exit
 - The exit discharge
- Calculating and determining occupant loads
- Required number and arrangement of means of egress

Passive Fire Protection Features and Equipment

- Construction types
- Compartmentalization
- Special hazard protections

Active Fire Protection, Interior Finishes and Furnishings, and Special Requirements Based on Occupancy

- Active fire protection
- Interior finishes and furnishings
- Special requirements based on occupancy

Case Studies and Exercises



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Complying with NFPA 101 (2021): Life Safety Code

Live, Interactive Webinar - Wednesday, August 21, 2024

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Learning Objectives

You’ll be able to:

Review the development and purpose of NFPA 101.

Explore occupancy and hazard classifications, including code provisions on mixed occupancies.

Examine requirements for exit access and discharge, and calculate occupant loads.

Comply with requirements for passive fire protection features.

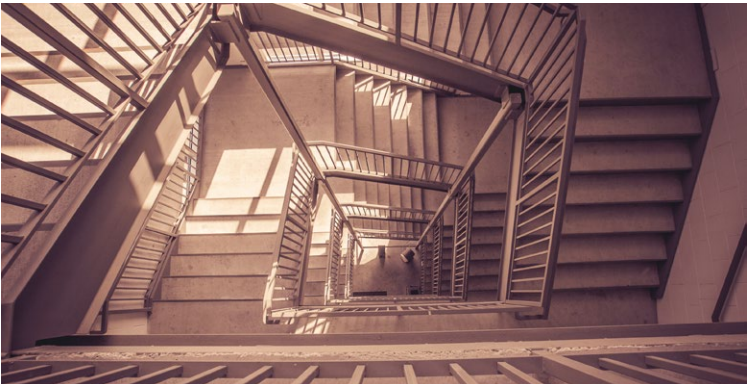
Comply with requirements for active fire protection and special requirements based on occupancy.



HalfMoon Education Inc.,
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Complying with NFPA 101 (2021): Life Safety Code

Live, Interactive Webinar - Wednesday, August 21, 2024



Explore the scope and purpose of NFPA 101 (2021)

Examine occupancy and hazard classifications

Evaluate the three components of means of egress

Comply with requirements for passive fire protection and equipment

Meet requirements for active fire protection and interior finishes

Continuing Education Credits

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7.5 PDHs

Architects
7.5 HSW CE Hours
7.5 AIA LU | HSW

International Code Council
.75 CEUs (Fire)

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Webinar Information

Online - Wednesday, August 21, 2024

Log into Webinar 8:00 - 8:30 am CDT	Break 12:15 - 12:45 pm CDT
Morning Session 8:30 am - 12:15 pm CDT	Afternoon Session 12:45 - 5:00 pm CDT

Tuition
\$339 for individual registration.
\$309 for two or more registrants from the same company at the same time.

Included with your registration: PDF seminar manual.

How to Register

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Faculty

Michael J. Fiebig, RA, AIA, NCARB, LEED GA, CFPS, CEP
Design Architect, Fiebig Architecture
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. Mr. Fiebig is an active member of the American Institute of Architects, as well as an NCARB certificate holder. He is a LEED green associate, as well as a certified fire protection specialist, credentialed through the National Fire Protection Association. As a forensic architect, Mr. Fiebig provides analysis of architectural standard of care in design and construction projects, with special emphasis on multi-family residential projects. He performs cause and origin analyses of building system installations and failures, including roofing systems, window and door systems, exterior wall cladding systems, waterproofing, and foundation systems, with a specialization in passive fire-resistive assemblies and active fire-protection systems. He provides premises liability analysis regarding slip/trip and fall accidents and accessibility code compliance, and he provides maintenance and inspection procedure analysis with an emphasis on NFPA 25: Standard for the Inspection, Testing, and Maintenance of Water-based Fire Protection Systems. Additionally, he performs damage assessments on existing facilities related to storms, accidents, fire, and natural disasters. As a design architect, Mr. Fiebig provides traditional design services for residential and light commercial buildings, and he provides code consulting for clients, specializing in life/safety, egress, and fire protection code requirements to assist clients in properly designing and detailing these critical elements of design and construction. He also provides traditional services during construction, including construction observations and special inspections when required by the jurisdiction of authority. Mr. Fiebig's experience includes several trial and deposition testimonies regarding design, construction, and the built environment, as well as mediation and arbitration support for litigation purposes. Mr. Fiebig holds active memberships in many professional organizations including AIA, NCARB, NFPA, USGBC, NICET, and others. He is a published writer in *Common Ground*, the national magazine for the Community Associations Institute.

Additional Learning

- Designing Accessible Pedestrian Facilities under ADA, IBC and PROWAG**
 - Tuesday, August 6, 2024 | 9:00 am - 12:30 pm CDT
 - Thursday, August 8, 2024 | 9:00 am - 12:30 pm CDT
- Seismic Requirements for Existing Buildings**
 - Tuesday, August 6, 2024 | 9:00 am - 4:00 pm CDT
- How to Analyze Common Construction Defects and Failures**
 - Wednesday, August 7, 2024 | 2:00 - 4:00 pm CDT
- Retaining Wall Design and Slope Stabilization Techniques**
 - Wednesday, August 7, 2024 | 9:00 am - 5:00 pm CDT
- Residential Elevators and Lifts**
 - Monday, August 12, 2024 | 2:00 - 4:00 pm CDT

Credit Information

This webinar is open to the public and is designed to qualify for 7.5 PDHs for professional engineers and 7.5 HSW continuing education hours for licensed architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider License No: CEA362), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00049300) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 7.5 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .75 CEUs in the specialty area of Fire (Preferred Provider No. 1232).

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

On-Demand Credits
The preceding credit information only applies to the live presentation. This course in an on-demand format is not pre-approved by any licensing boards and may not qualify for the same credits; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request:
7.5 HSW LUs (AIA)

- Office Acoustics Design Workshop**
 - Tuesday, August 13, 2024 | 1:00 - 3:00 pm CDT
- Tiny House Design and Construction**
 - Tuesday, August 13, 2024 | 9:00 am - 5:15 pm CDT
- Engineering Ethics and Engineering Code of Conduct for Professional Engineers**
 - Friday, August 16, 2024 | 10:00 am - 12:00 pm
- Improving Interior Air Quality in Residential and Commercial Buildings**
 - Friday, August 23, 2024 | 12:00 - 2:00 pm CDT

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