

Architectural Application for Means of Egress

Live, Interactive Webinar - Wednesday, August 12, 2020



This in-depth, one-day webinar focuses specifically on Chapter 10 of the 2018 International Building Code.

- Occupant Loads
- Exits and Exit Access
- Signage
- Required Means of Egress
- Doors and Stairways
- Egress Configuration

Continuing Education Credits

Professional Engineers:
6.5 PDHs

International Code Council:
.65 CEUs (Building)

Architects:
6.5 HSW CE Hours
6.5 AIA LU|HSW

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Means of Egress General

- Ceiling height
- Projections
- Continuity

Definitions

- Exit access
- Exit
- Exit discharge
- Floor area gross
- Floor area net
- Public Way
- Ceiling height

Occupant Load

- Design occupant load
- Cumulative occupant load
- Establishing occupant load with table 1004.5
- Occupant load options
- Stairways
- Mezzanines
- Other egress components

Means of Egress Sizing

- Minimum width
- Continuity
- Egress convergence
- Doors

Required Means of Egress from a Space, Floor, or Building

- Exiting from multi levels
- Exiting from mezzanines
- Exiting from outdoor areas
- Exit continuity

Exits and Exit Access Doorways

- Egress from spaces
- Spaces with 1 exit or exit access doorway
- Stories with one exit
- Distribution of exits
- Egress based on common path and occupant load

Egress Configuration

- Multiple exits or exit access doorway
- Location of exits

Exit Access

- Egress through intervening spaces
- Exit access travel distance
- Measurement
- Exit access stairways

Doors and Door Hardware

- Door identification
- Size of doors
- Door swing
- Landings
- Door arrangement
- Door handles, latches and hardware
- Hardware height
- Locks and Latches
- Bolt Locks
- Delayed egress locking
- Sensor release door locks
- Electrically locked doors
- Panic and fire exit hardware

Stairways

- Width
- Tread run and riser height
- Landings
- Dimensional uniformity
- Vertical rise
- Roof access

Exit Signs

- Where required
- Low level exit signs
- Illumination
- Power source

Handrails

- Where required
- Height
- Graspability
- Continuity
- Extensions

Guards

- Where required
- Height
- Opening limitations
- Window openings

Exit Access

- Egress through intervening space
- Exit access travel distance
- Exit access stairways
- Enclosures

Corridors

- Construction
- Fire resistive rating
- Minimum width
- Air movement

Exits

- Interior exit stairways
- Fire resistance
- Termination
- Exit discharge
- Emergency escape and rescue

You'll be able to:

Navigate effectively through the means of egress requirements and apply them efficiently to design application.

Establish occupant loads.

Discuss required means of egress from spaces, floors, and buildings.

Review requirements for doorways and doors.

Explore egress configuration.

Learn about requirements for signage, handrails and guards.

Comply with requirements for stairways and corridors.

Faculty

Jeffrey D. Vernon, MCP, CBO

Building Code Administrator with Mecklenburg County Code Enforcement

Mr. Vernon is a master code professional and a certified building official, and he holds North Carolina Level III certifications in all five trades (building, electric, mechanical, plumbing and fire). Mr. Vernon has been in the construction industry for over 40 years beginning with a six-year stint in the US Army where he served in Germany, Honduras, Alabama and at the US Army Engineer School in Ft. Belvoir, Virginia. He has worked in Prince William County in Virginia and in Lincoln, Gaston and Mecklenburg Counties in North Carolina. Through the years, he has been an inspector, a plan reviewer, a senior plan reviewer, and a department director among other job titles. Mr. Vernon is currently employed by Mecklenburg County Code Enforcement where he serves as the building code administrator. He has been a part-time instructor at Central Piedmont Community College for over a decade, and has served as a code consultant for University of North Carolina Charlotte's fifth year Architecture students. Mr. Vernon is also an ordained bishop.

Webinar Information

Log into Webinar 8:00 - 8:30 am CDT	Break 11:30 am - 12:30 pm CDT
Morning Session 8:30 - 11:30 am CDT	Afternoon Session 12:30 - 5:00 pm CDT

Tuition

\$299 for individual registration
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- Visit us online at www.halfmoonseminars.org
- Mail-in or fax the attached form to 715-835-6066
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Additional Learning

Webinar Series

Foundation Damage Assessment and Repair Alternatives: Science, Materials & Techniques

- Tues., July 21, 2020, 11:00 am – 2:30 pm CDT
- Wed., July 22, 2020, 11:00 am – 2:30 pm CDT

International Existing Building Code

- Tues., July 21, 2020, 11:00 am – 2:15 pm CDT
- Wed., July 22, 2020, 11:00 am – 3:15 pm CDT

Pavement Design

- Wed., July 22, 2020, 11:00 am – 3:30 pm CDT
- Thurs., July 23, 2020, 11:00 am – 1:30 pm CDT

Slope Stabilization and Landslide Prevention

- Wed., July 22, 2020, 11:00 am – 3:30 pm CDT
- Thurs., July 23, 2020, 11:00 am – 2:30 pm CDT

Advanced Construction Contracts: Crisis Response, Risk Management, and Dispute Resolution

- Mon., July 27, 2020, 10:30 am – 3:00 pm CDT

Advanced Construction Contracts: Sustainability Design and Ethics

- Tues., July 28, 2020, 10:30 am – 1:30 pm CDT

Seismic Design of Buildings: Importance of Seismic Ground Motions

- Tues., July 28, 2020, 11:00 am – 2:30 pm CDT
- Wed., July 29, 2020, 11:00 am – 3:30 pm CDT

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Continuing Education Credit Information

This webinar offers 6.5 PDHs to professional engineers and 6.5 HSW continuing education hours to architects in all states.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), North Carolina (S-0130), and North Dakota. 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)). Courses approved by the AIA/CES qualify for Florida architects. Other states do not preapprove continuing education providers or courses.

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The International Code Council has approved this event for .6 CEUs in the specialty area of Building (Preferred Provider No. 1232).

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

Registration

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Tuition	
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