

Credit Information

Universal & Accessible Residential Designs

This webinar is open to the public and is designed to qualify for 6.5 PDHs for professional engineers and 6.5 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. 24GPOOO49300) 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 6.5 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .65 CEUs in the specialty area of Accessibility (Preferred Provider No. 1232).

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: 6.5 HSW LUs (AIA)

2024 International Building Code

This webinar is open to the public and is designed to qualify for 7.0 PDHs for professional engineers and 7.0 HSW continuing education hours for licensed architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

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The American Institute of Architects Continuing Education System has approved this course for 7.0 HSW LUs (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 Building (Preferred Provider No. 1232).

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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).

Live, Interactive Webinars
- Universal & Accessible Residential Designs
- 2024 International Building Code

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Live, Interactive Webinars

Universal & Accessible Residential Designs

- Wednesday, December 11, 2024 | 8:30 am - 12:00 pm CST
- Thursday, December 12, 2024 | 8:30 am - 12:00 pm CST

2024 International Building Code

- Thursday, December 12, 2024 | 9:00 am - 5:00 pm CST



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(presented in closed captioning)

Credits: Professional Engineers: 6.5 PDHs
Architects: 6.5 HSW CE Hours | AIA: 6.5 LU|HSW
International Code Council: .65 CEUs (Accessibility)



2024 International Building Code

Thursday, December 12, 2024 | 9:00 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 (Building)

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Tuition: \$339 per registrant
\$237 per attendee for group registrations of two or more people registering at the same time for the same program. *That's a savings of 30 percent!* (presented in closed captioning)

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Agenda Day One: Understanding the Philosophy and Principles of Universal Design

- Orientation to Universal Design
- History of barriers in built environments
- Beyond barrier removal
- Case examples of Universal Residential Design
- Future trends in Universal Design

Designing Entryways and Promoting Interior Mobility

- Accessibility from parking areas and garages
- Design of home entryways
- Room-to-room mobility
- Options for new construction and renovations
- Perceptions of technology and products for interior mobility

Universal Kitchen Design

- Considering the needs and abilities of all generations
- Kitchen functions and floorplans
- Designing for food preparation and clean-up
- Designing storage
- Accessible dining areas
- Perceptions of technology and products in the kitchen

Agenda Day Two:

Universal Bath Design

- Meeting the goals of safety and accessibility
- Bathroom sizing and layout
- Tub and shower design
- Placing sinks and vanities
- Toilet accessibility
- Perceptions of technologies and products in bathrooms

Accessible Outdoor Living

- Designing porches and decks
- Designing patios, pathways, and paving
- Enabling outdoor recreation
- Perceptions of technologies and products in outdoor spaces

Reviewing Universal Home Designs

- Universal design for small spaces
- Single-story homes
- Multi-story residences
- Codes, standards, and resources
- Perceptions of technologies and products in small spaces

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Agenda:

Building Code Background and Application

- Development of the International Building Code 2024
- Code adoption and amendment processes
- Code terminology
- Code enforcement
- Overviews of changes to 2024 Code:
 - Tornadic, seismic, rain and snow loads; occupancy, fire and material-specific changes

Chapters 3-5

- Classification of structures
 - Groups 1, B, E, F, H, I, M, R, S and U
- Occupancy and special uses
- Building heights and areas

Chapters 6, 7 and 9

- Types of construction
- Fire and smoke protection features
- Fire protection systems
- Life safety systems

Chapters 10-11

- Exits, and exit access
- Accessible routes and entrances
- Accessible facilities

Chapters 14-16

- Exterior walls
- Roofs and roofing systems
- Structural design

Chapters 8 and 12 and Interior Construction

- Interior finishes
- Ventilation, HVAC controls, lighting, sound, unoccupied spaces, bathrooms
- Gypsum board and plaster

Use of Specific Materials and Construction Techniques

- Concrete
- Aluminum
- Masonry
- Steel
- Wood
- Glass and glazing

Chapters 27-29

- Electrical, mechanical and plumbing systems

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Faculty

Universal & Accessible Residential Designs

Dr. Molly Wuebker, OTD, OTR/L, ACTCP

Founder & Owner | Uncurbed - Access Consulting & Professional Services

Dr. Molly Wuebker is a recognized leader in merging occupational therapy principles with universal design to create more accessible, inclusive, and resilient environments with a doctorate in Occupational Therapy from Creighton University and 14 years of experience, she has dedicated her career to bridging traditional accessibility approaches with innovative, occupation-based design strategies. As the founder and owner of Uncurbed, an accessibility consulting firm, Dr. Wuebker champions the belief that design changes benefiting people with disabilities and historically marginalized communities can have a net benefit for everyone. Leveraging the Person-Environment-Occupation-Performance (PEOP) model, her work ensures that spaces support not only physical accessibility but also meaningful participation in everyday activities. As a consultant for the Great Plains ADA Center in her role as the Iowa ADA Liaison, she provides expert technical assistance on a diverse range of projects, from institutional to residential spaces, always seeking opportunities to exceed minimum standards and foster truly inclusive design. Dr. Wuebker collaborates with design professionals across disciplines to promote universal design principles and inclusive practices. Certified through the ADA Coordinator Training Certification Program (ACTCP), she also delivers educational programs at the national, regional, and local levels, emphasizing the significance of participation and the dynamic interaction between individuals, their environments, and their occupations. Her mission is to redefine accessibility through inclusive practices that empower individuals and communities to fully engage in their surroundings.

2024 International Building Code

Edward Fronapfel MSCE, PE, CBIE, CFCC, Fellow NAFE

Chief Executive Officer, SBSA, LLC, A Charles Taylor Company

Mr. Fronapfel is the CEO and founder of SBSA which is now owned by Charles Taylor. The firm provides consulting regarding the construction, design, and quality assurance associated with new and existing structures. Mr. Fronapfel's expertise includes geo-hydrology, hydrology, development, civil engineering, structural engineering, building envelope, commissioning, and the interdisciplinary-required practices in the behavior of foundations, substructures, superstructures, and building envelopes in the as-built environment. Mr. Fronapfel provides consulting to designers, builders, developers, attorneys, and real estate professionals. For over 30 years, his work has included ground-up construction and post-construction evaluation of thousands of structures across the United States. Mr. Fronapfel is licensed in 39 states and Puerto Rico. The firm includes architects, engineers, construction managers, constructors, and reserve study specialists to allow the firm to provide the majority of consulting from in-house staff. Mr. Fronapfel has been a distinguished lecturer for ASHRAE; an adjunct professor at the University of Denver, Burns School; and a lecturer for the College of Contract Management, U.K. He also is a speaker for a number of organizations including EEBA, DOE, AIA, HBA, ICC-Colorado, and others. Mr. Fronapfel's experience includes providing more than 700 depositions, hundreds of arbitrations, and more than 110 trial testimonies.



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