

Credit Information

Designing for Accessibility under ADA Standards and 2021 IBC

This webinar offers 6.5 PDHs to professional engineers and 6.5 HSW continuing education hours to architects licensed 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), 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 LU | HSW (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).

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

Site Design

This webinar offers 6.5 PDHs to professional engineers and 6.5 HSW continuing education hours to architects licensed in all states. It offers 6.5 HSW continuing education hours to landscape architects licensed in most states. HalfMoon Education is not seeking landscape architect approval in Florida, New Jersey, or North Carolina.

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, architects, and landscape architects via its registration with the American Institute of Architects Continuing Education.

System (Regulations of the Commissioner §68.14(i)(2), §69.6(i)(2), and §79-1.5(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 LU | HSW (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The Landscape Architecture Continuing Education System has approved this course for 6.5 HSW PDHs. Only full participation is reportable to the LA CES.

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

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

Can't Attend? Order the Webinar as a Self-Study Package!

Recordings of each webinar are available for purchase. See course listing online for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit. Self-study packages do not qualify for AIA credit or LA CES.

Live, Interactive Webinars

- Designing for Accessibility under ADA Standards and 2021 IBC
- Site Design

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Live, Interactive Webinars

Designing for Accessibility under ADA Standards and 2021 IBC

- Thursday, October 21, 2021 | 8:30 am - 4:30 pm CDT

Site Design

- Tuesday, October 26, 2021 | 8:30 am - 5:00 pm CDT

To register, view detailed presenter biographies, and see other learning opportunities, please visit:

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HalfMoon Education Live Webinars



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AIA: 6.5 LU | HSW International Code Council: .65 CEUs (Accessibility)



Site Design

Tuesday, October 26, 2021 | 8:30 am - 5:00 pm CDT

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

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Designing for Accessibility under ADA Standards and 2021 IBC

Thursday, October 21, 2021 | 8:30 am - 4:30 pm CDT (incl. a 60-min break)

Tuition: \$289 per registrant, \$239 per registrant for three or more

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

Agenda

Complying with Federal and State Accessibility Requirements

- History and development of the International Building Code (IBC)
- Development of the Americans with Disabilities Act Standards for Accessible Design
- Relationship between ADA federal requirements and IBC:
 - which code applies to which project?
- Entities and facilities that are covered
 - Scoping requirements
- Readily-achievable barrier removal
 - Alterations
- New construction
 - New policies and procedures
- Safe harbors

Meeting Standards in ADA Standards and the 2021 IBC

- Path of travel
 - Accessible parking
- Exterior accessible routes
 - Ramps and stairways
- Entrances and doors
 - Interior accessible routes
- Accessible toilet facilities
 - Showers
- Drinking fountains
 - Signage standards
- Accessible kitchen facilities
 - Assembly areas
- Assistive listening systems
 - Recreational facilities

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Presented by

Jerry R. Tepe, FAIA *Owner at JRT-AIA Architect, in Concord, New Hampshire*

Mr. Tepe is a licensed architect. In practice for more than 40 years, he has been both a member and an officer of large E/A firms and a sole practitioner. His project experience ranges from single-family dwellings to large, multi-million dollar commercial and industrial facilities. As a sole proprietor, his firm specializes in building, fire and accessibility code (ADA) consulting to architects, contractors, insurance and legal professionals and private entities, including third-party plan reviews and accessibility inspections.

Mr. Tepe has been active in the code development process through the AIA since joining the AIA Codes and Standards Committee in 1987. With the creation of the International Code Council (ICC), he participated in the initial development of the International Building Code on the General/Occupancies subcommittee and was the chair of that group for two terms. Mr. Tepe was a member of the International Fire Code Development Committee for two terms and also the IBC Fire Safety and Egress Code Development Committees. He served a term on the ICC Code Correlation Committee. He has made numerous presentations to conference audiences on topics related to building code enforcement and interpretation issues.

In 1990 when the ADA was first proposed and in 2004 when the last major revision was developed, Mr. Tepe served on AIA task forces to review the proposed requirements/changes and respond to the government's request for comments.

Mr. Tepe has held all offices at both the state level (AIANH) and the regional level (AIA New England). He was active in the legislative process in New Hampshire to adopt the first statewide set of building codes. He has taught numerous code and accessibility related issues in New Hampshire, New England and at BOCA, ICC, BSA and AIA conferences. He is a past Chair of the Building Code Board of Appeals in Concord, New Hampshire. He has also served on several other code and building related state and local committees and groups and is a past chair of the AIA Center for Building Science and Performance Knowledge Community.

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Agenda

Introduction, Background, Overview of Day

Feasibility planning

- Client objective - Always 1st
- Use
 - Regulatory review
 - Mapping

Conceptual Planning

- All above plus:
 - Better base maps
 - Site visit
 - Limited on-site survey
 - Wetland delineation
 - Identify potential constraints and opportunities

Project Types

- Residential
 - Single family
 - Townhouses
 - Mid/high rise, multi-family/apartments
 - Other
- Commercial, institutional, recreation, agriculture, other
 - Parking - employees, GFA and reserve parking
 - Utilities
 - Retaining walls
 - Traffic studies and Improvements
 - Walks
 - Accessibility
 - Street access - curb cuts/signals
 - Off-site improvements

Site Design - Residential

- Roadway planning - calming curves, finalize concept
- Roadway plan view
 - Roadway profile view
 - Auto grading volumes

Site Design - Commercial

- Layout
 - Grading
 - Drainage
- Utilities
 - Lighting
 - Landscaping
- Signage
 - Other

Site Grading

- Roadway
 - Single Family lots
 - Multi-Family
- Commercial
 - Example grading plans - complete
- Exercises

Drainage and Stormwater

Septic System Design

EPA – NPDES-Stormwater Pollution Prevention Plans

- Construction general permit
- MS4
 - SWPPP
 - NAHB short form template

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LA CES: 6.5 HSW PDHs International Code Council: .65 CEUs (Sitework)

Computer Applications

- Standard - MS Word, Excel, others
- AutoCAD and other design programs
- HydroCAD and other drainage design programs
- 3-D modeling

Project Management, Permitting, Entitlements

- Consulting proposal
 - Consulting contract
- Schedule
 - Invoicing
- Team members
 - Application process
- Permits
 - Peer review
- Presentation materials
 - Presentation process
- Abutters and other stakeholders

Construction Engineering

- Value engineering
 - Pre-construction meeting
- Shop drawing review
 - As built

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Jeffrey A. Brem, PE is a registered professional engineer in Mass, New Hampshire, and Maine. He has led his own small civil engineering and land surveying practice for over 27 years with two offices and up to 25 employees. His experience includes designing private land developments, storm water management systems, sanitary sewer systems, wastewater treatment facilities, roadways, surveying, construction management, and a host of other professional services primarily for private, for-profit companies. He has been involved in the design of over 3000 residential single family house lots many of which were open space or cluster developments, thousands of condominium units, and over 2 million square feet of commercial/ industrial/institutional space. He has advised the MassDEP in numerous task forces and committees including as a present full member of the Stormwater Advisory Committee and on the Title 5, Septic System Stakeholders Group. He is currently the vice president, past treasurer and member of the Board of Directors for HBRAM (the Massachusetts Homebuilders Association). Mr. Brem is also Vice President of NEBRA, and a national delegate of the National Association of Home Builders based in Washington, DC. He has co-authored, with Harvard Law School Professors Joseph William Singer and Brandon Storm, a legal case study on development entitled the “Case of the Interfaith Neighbors”, July 2016 (PSW021-SM01). He is active professionally and recreationally as an avid skier, boater, golfer.

Additional Learning

Retaining Wall Design and Slope Stabilization Techniques

- Thurs, Sept 23, 2021 | 11:00 am - 2:15 pm CDT

- Wed, Sept 15, 2021 | 8:30 am - 5:00 pm CDT

Deep Excavations

- Fri, Sept 17, 2021 | 8:30 am - 4:30 pm CDT

Structural Design Loads under the ASCE 7 Standard

- Fri, Sept 17, 2021 | 8:30 am - 5:00 pm CDT

Managing Construction Projects

- Mon, Sept 20, 2021 | 8:30 am - 4:30 pm CDT

Structural Forensic Engineering

- Mon, Sept 20, 2021 | 8:30 am - 4:30 pm CDT

Foundations in Cold Regions

- Thurs, Sept 23, 2021 | 11:00 am - 2:15 pm CDT

- Fri, Sept 24, 2021 | 11:00 am - 2:15 pm CDT

Designing and Constructing a Net-Zero Energy Home

- Mon, Sept 27, 2021 | 8:30 am - 12:45 pm CDT

- Tues, Sept 28, 2021 | 8:30 am - 1:15 pm CDT

Drones in Construction

- Tues, Sept 28, 2021 | 9:30 am - 5:00 pm CDT

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