

Credit Information

Special Inspections under the 2018 International Building Code Chapter 17

This webinar offers 6.0 PDHs to professional engineers and 6.0 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 6.0 LU | HSW (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

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).

Parking Structure Design, Construction, and Maintenance

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

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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 Building (Preferred Provider No. 1232).

HalfMoon Education is an approved CM Provider with the American Planning Association. This course is registered for CM | 6.5 for Certified Planners.

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).

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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.

Live, Interactive Webinars

- Special Inspections under the 2018 International Building Code Chapter 17
- Parking Structure Design, Construction, and Maintenance



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Live, Interactive Webinars

Special Inspections under the 2018 International Building Code Chapter 17

- Thursday, March 31, 2022 | 8:30 am - 4:00 pm CDT

Parking Structure Design, Construction, and Maintenance

- Monday, April 4, 2022 | 8:00 am - 3:30 pm CDT

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

www.halfmoonseminars.org

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AIA: 6.0 LU | HSW International Code Council: .6 CEUs (Building)



Parking Structure Design, Construction, and Maintenance

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



AIA
Continuing
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Special Inspections under the 2018 International Building Code Chapter 17

Thursday, March 31, 2022 | 8:30 am - 4:00 pm CDT (incl. a 60-min break)

Tuition: \$319 per registrant, \$289 per registrant for two or more

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AIA: 6.0 LU|HSW International Code Council: .6 CEUs (Building)

Agenda

Introduction to the International Codes

- Recent history of codes
- ICC Code development process
- Chapter 1: Scope and Administration

Overview of Special Inspections

- History of special inspections
- Scope and definitions
- General program guidelines
- Special inspection roles
- Statement of special inspections

Structural Special Inspections and Tests

- Steel construction
- Concrete construction
- Masonry construction
- Wood construction
- Soils and foundations
- Deep foundations
- Fabricated items
- Wind resistance inspections and observation
- Seismic resistance inspections and observation

Nonstructural Special Inspections and Tests

- Sprayed fire-resistant materials
- Mastic and intumescent fire-resistant coatings
- Exterior finish and insulation systems (EFIS)
- Fire-resistant penetrations and joints
- Testing for smoke control

Material Standards and Load Tests

- Design strength of materials
- In-situ load tests
- Pre-construction load tests
- Final report

Personnel Qualifications

- Q & A

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Monday, April 4, 2022 | 8:00 am - 3:30 pm CDT (incl. a 30-min break)

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AIA: 6.5 LU|HSW Certified Planners: CM | 6.5
International Code Council: .65 CEUs (Building)

Agenda

Parking Planning

- Design approach
- Parking planning
 - How much parking do we need?
 - Layout and parking circulation
- Siting
- Program, budget, and schedules

Parking Structure Design and Construction

- Building code considerations
- Structure, drainage, and durability
- Signage and wayfinding
- Architecture
- Security and lighting
- Mechanical, plumbing, and fire protection
- Parking operations

Maintenance, Restoration, and Future Considerations

- Maintenance and restoration
- Future considerations

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Additional Learning

Roadway Design

- Mon, Feb 28, 2022|8:30 am - 4:30 pm CST

AIA Contract Document Workshop

- Tues, Mar 1, 2022|8:30 am - 5:00 pm CST

Developing Infrastructure for Electric Vehicles

- Mon, Mar 7, 2022|9:30 am - 4:30 pm CST

Engineered Lumber Design and Construction

- Tues, Mar 8, 2022|8:30 am - 12:10 pm CST
- Wed, Mar 9, 2022|8:30 am - 12:10 pm CST

Complying with Commercial Provisions of the 2021 International Energy Conservation Code

- Wed, Mar 9, 2022|8:00 am - 4:00 pm CST

Designing and Constructing All-Electric Buildings

- Wed, Mar 9, 2022|11:00 am - 2:15 pm CST
- Thurs, Mar 10, 2022|11:00 am - 2:15 pm CST

Geothermal Heating and Cooling: Technology, Applications, and Economics

- Wed, Mar 9, 2022|8:30 am - 4:00 pm CST

Drone Applications for Engineers

- Mon, Mar 21|9:00 am - 4:30 pm CDT

A Roadmap to Ethical Issues in Construction: A Primer for Design Professionals

- Wed, Mar 23, 2022|11:00 am - 1:00 pm CDT

High-Performance Building Envelopes: Designing for Energy Efficiency and Durability

- Wed, Mar 23, 2022|10:00 am - 1:45 pm CDT
- Thurs, Mar 24, 2022|10:00 am - 1:45 pm CDT

Biorentention System Design

- Mon, Mar 28, 2022|1:00 - 3:00 pm CDT

Designing for Accessibility under ADA Standards and IBC

- Tues, Mar 29, 2022|8:30 am - 12:15 pm CDT
- Wed, Mar 30, 2022|8:30 am - 12:15 pm CDT

Examining Common Construction Defects and Failures

- Thurs, Mar 31, 2022|10:00 am - 12:00 pm CDT

For more information and other online learning opportunities visit:
www.halfmoonseminars.org

Faculty

Special Inspections under the 2018 International Building Code Chapter 17

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

Mr. Tepe is a licensed architect. In practice for more than 45 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. Additionally 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.

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, at BOCA, ICC, BSA and AIA conferences and HalfMoon Education seminars and webinars. 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.

Parking Structure Design, Construction, and Maintenance

Rob McConnell PE, SE, LEED Green Associate *Vice President, Parking Solutions*

Mr. McConnell's parking design and consulting experience encompasses more than 20 years of work with airports, governmental agencies, and with military, transit, higher education, resort, healthcare, and corporate clients. He is well-versed in precast concrete, cast-in-place concrete, and steel construction. Mr. McConnell's experience includes numerous restoration, parking study, and programming projects. Several of his projects have received LEED certification, including Colorado State University's Lake Street parking facility, which received LEED Gold.

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