

HalfMoon Education Live Continuing Education Webinars

# Wind, Snow, and Ice Design Loads

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**Online - Tuesday, August 30, 2022 | 8:30 am - 4:30 pm CDT**

**Credits:**

Engineers: 6.5 PDHs

Architects: 6.5 HSW CE Hours

AIA: 6.5 LU/HSWs

International Code Council: *Pending*

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HalfMoon Education Inc.  
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## Webinar Agenda | Tuesday, August 30, 2022 | 8:30 am - 4:30 pm CDT (including a 30-min. break)

### Wind Design

The right code  
Understanding structural loads  
Brief history of ASCE 7 Wind Design  
Basic definitions and requirements  
Wind speed  
Effects of terrain on buildings  
Main wind force resisting system  
Directional and envelope procedures  
Low rise buildings  
Open buildings  
Minimum wind loading  
Detailed wind pressure calculations  
Components and cladding  
Wind on other structures calculations

### Snow and Ice Load Design

Snow loading and building code  
Ground snow load  
Flat and sloped roof snow load calculations  
Unbalanced, drift, and sliding snow calculations  
Rain on snow surcharge  
Partial loading  
Existing roof requirements  
Ice load calculations  
Load path and structural systems  
Load combinations  
Ice on building appurtenances

### Tuition

**\$319** for individual registration

**\$289** for two or more registrants from the same company at the same 8:30 am - 4:30 pm CDT.

**Included with your registration:** PDF seminar manual.

### Presented by

**Robin M Closs, S.E., P.E.**, has 15 years of experience as a structural engineer in designing and analyzing anything from pipes to multistory buildings in fields such as commercial, power, government, institutional, nuclear, industrial, and residential. She traveled to Long Island in the aftermath of Hurricane Sandy as part of a Code Enforcement Disaster Assistance Response Team. Her engineering knowledge in timber, concrete, steel, masonry, aluminum, and light-gauge metal has helped her design new buildings, complete renovations and additions, demolish existing structures, produce mechanical platforms, and design appropriate repairs to roofs, walls, floors, and spillways. Ms. Closs is the president of The Engineering Society of Buffalo and currently creates, writes, and edits their newsletter. She also regularly spends time tutoring and greatly enjoys assisting young minds to see the benefits of engineering. She has also acted as the principal coordinator for 80-person volunteer teams, judged inventions, and mentored winners of engineering city competitions. Ms. Closs graduated from the Milwaukee School of Engineering with a BS degree in Architectural Engineering with a Structural Specialty. She is a licensed professional engineer in multiple states, is a licensed structural engineer in Illinois, and is certified as a NCEES Model Law Structural Engineer. Her goal is to meet client needs in a positive and timely fashion!

### Can't Attend? Order the Webinar as an On-Demand Package!

Recordings of this webinar are available for purchase. See registration panel 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.

## Credit Information

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.

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/HSWs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved HalfMoon Education as a Preferred Provider of continuing education (No. 1232). Course approval is pending in the specialty area of Building.

Visit this course listing at [www.halfmoonseminars.org](http://www.halfmoonseminars.org) for updates on pending credits. Completion certificates will be awarded to participants who complete this event and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

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