

HalfMoon Education Live Continuing Education Webinars

Masonry Design and Construction

Online - Thursday, September 22, 2022 | 8:30 am - 4:00 pm CDT

Credits:

Professional Engineers: 6.5 PDHs

Architects: 6.5 HSW CE Hours AIA: 6.5 LU|HSW

International Code Council: .65 CEUs (Building)

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Webinar Agenda | Thursday, September 22, 2022 | 8:30 am - 4:00 pm CDT (including a 30-min. break)

Reviewing Codes and Guidelines for Masonry Construction

- International Building Code and International Residential Code
- The Masonry Code
- ASTM masonry standards
- Local codes and standards

Exploring Masonry Materials and Products

- Strength of masonry
- Stone, brick and concrete masonry units
- Masonry veneer
- Reinforced clay masonry
- Concrete masonry

Structural Masonry Design

- Requirements for structural components
- Strength design and seismic design
- Veneers: adhered, anchored, self-supporting and structural veneers

Masonry Construction Procedures

- Masonry components
- Masonry lintels
- Prefabricated masonry

Sustainability of Masonry

- How efficient masonry lowers embodied carbon
- Resources for determining environmental product declarations for masonry

Software for Masonry Design

- Component design software
- Finite element design software



Presented by Sam Rubenzer, PE, SE

FORSE Consulting, Eau Claire, WI

Mr. Rubenzer started FORSE in 2010, where he works as a delegated designer for other structural engineers on designs involving steel, concrete, PT concrete, masonry, and wood construction. He often speaks on the topics of software use and best practices in masonry design. Mr. Rubenzer has over 20 years of experience and is a licensed structural engineer (SE) and a professional engineer (PE) in many of the Midwestern states. He has also been a consultant to IMI for the past 10 years.

Tuition

\$319 for individual registration

\$289 for two or more registrants from the same company at the same time.

Included with your registration: PDF seminar manual.

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 offer 6.5 PDHs to professional engineers and 6.5 HSW continuing education hours to 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 this event for .65 CEUs in the specialty area of Building (Preferred Provider No. 1232).

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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