

HalfMoon Education Live Continuing Education Webinars

Basement Design and Construction: Adding Economical Below-Grade Living Space

Online - Thursday, January 12, 2023 | 8:30 am - 4:30 pm CST

Credits:

Professional Engineers: 7.0 PDHs

Architects: 7.0 HSW CE Hours AIA: 7.0 LU|HSW

International Code Council: Pending

HalfMoon Education Inc.
PO Box 278
Altoona, WI 54720-0278

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AIA
Continuing
Education
Provider

Principles and Advantages of Below-Grade Construction

- Cost of below-grade construction
- Reasonable heating and cooling costs
- Storm shelter function
- Complying with building codes

Basement Design and Construction: Floors

- Soils and drainage
- Foundation design
- Insulation
- In-floor heating

Designing and Constructing Basement Walls

- Masonry basement walls
- Precast basement walls
- Poured concrete basement walls

Waterproofing and Drainage

- Drainage
- Waterproofing
- Sump pumps

Basement Heating and Cooling

- Forced air heating and cooling
- Radiant floor heat
- Space heating
- Cooling

Creating Walk-out Basements and Basements with Egress

- Walk-out basements
- Daylight basements
- Basements with egress

Finishing Basements

- Plumbing systems
- Ducting and ceilings
- Floor and wall systems and finishes

Presented by

Daniel P. Messmer, P.E., D. GE *Project Manager with The Gateway Engineers, Inc., in Pittsburgh*

Mr. Messmer has over 30 years of engineering experience in analysis, design, plan/specification development, and project management/personnel supervision for geotechnical, foundation and structural engineering projects in the transportation, industrial, municipal and commercial fields of civil engineering. Throughout his career he has placed an emphasis on quality control and staff training. Mr. Messmer is a member of the American Society of Civil Engineers, the American Concrete Institute, the American Society of Highway Engineers and the Society of American Military Engineers. He earned his B.S. degree in Civil Engineering from the University of Pittsburgh. Mr. Messmer was accepted into the Academy of Geo-Professionals in 2013.

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 details 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.

Credit Information

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.

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 7.0 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 for updates on pending credits. 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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