

HalfMoon Education Live Continuing Education Webinars

Designing and Constructing Spread Footing Foundations

Thursday, May 11, 2023 | 8:30 - 11:45 am CDT

Credits: Professional Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours
AIA: 3.0 LU|HSW International Code Council: .3 CEUs (Building)

Designing and Constructing Slab-on-Grade Foundations

Thursday, May 11, 2023 | 1:00 - 4:15 pm CDT

Credits: Professional Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours
AIA: 3.0 LU|HSW International Code Council: .3 CEUs (Building)

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Tuition: \$159 (register for both webinars for only \$299*)

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Agenda:

- Defining spread footing foundations
- Applications for spread footing foundations
- Site topography and soils Site preparation
- Footing design Insulating foundations
- Details, connections and options
- Spread footing foundation case studies

Presented by Dante Fratta, P.E., Ph.D.

Associate Professor at the University of Wisconsin-Madison

Dante Fratta is an associate professor in Geological Engineering and Civil Engineering at the University of Wisconsin-Madison. He holds Civil Engineering degrees from three different universities: a diploma from Universidad Nacional de Córdoba (Argentina), an M.A.Sc. from the University of Waterloo (Canada), and a Ph.D. from Georgia Tech (USA). He has over 20 years of teaching experience including courses in Soil Mechanics, Foundation Engineering, and Applied Geophysics, and he is the author of three books. Professor Fratta also supports a research group that pursues studies in near-surface geophysics, wave propagation in soils and groups, and experimental geotechnical engineering.

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Learn More and Register:

www.halfmoonseminars.org

Customer Service (715) 835-5900 Ext. 1

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Agenda:

- Defining slab-on-grade foundations
- Applications for slab-on-grade foundations
- Site topography and soils
- Site preparation
- Slab design and reinforcement
- Insulating slabs-on-grade
- Details, connections and options
- Slab-on-grade case study

Presented by Daniel 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.

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Credits

These webinars are open to the public and are designed to qualify for 3.0 PDHs for professional engineers and 3.0 HSW continuing education hours for licensed architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

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 these courses for 3.0 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved these events for .3 CEUs in the specialty area of Building (Preferred Provider No. 1232).

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

On-Demand Credits

The preceding credit information only applies to the live presentations. These courses in an on-demand format may not be eligible for the same credits as the live presentation; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request: 3.0 HSW LUs (AIA)

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Included with your registration: PDF seminar manual.

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Recordings of this webinar are available for purchase. See details online for more information.