

Credit Information

These webinars are open to the public and are each 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 License No: CEA362), 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 each of 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 each of 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 presentation. 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)

Can't Attend? Order These Webinars as On-Demand Packages!

Recordings of these webinars 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.

Foundations Webinars

- Designing and Constructing Slab-on-Grade Foundations
- Designing and Constructing Spread Footing Foundations

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PO Box 278
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Live, Interactive Webinars

Designing and Constructing Slab-on-Grade Foundations

- Tuesday, April 9, 2024 | 9:00 am - 12:00 pm CDT

Designing and Constructing Spread Footing Foundations

- Thursday, May 30, 2024 | 1:00 - 4:00 pm CDT

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

www.halfmoonseminars.org

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HalfMoon Education Live Webinars

Foundations Webinars



Designing and Constructing Spread Footing Foundations

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AIA
Continuing
Education
Provider



Designing and Constructing Spread Footing Foundations

Tuesday, April 9, 2024 | 1:00 - 4:00 pm CDT

Tuition: \$159 per registrant

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

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

24 SWDCSPFT 4 9 WEBR SC

Faculty

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 U. N. Corboda (Argentina), an M.A.Sc. from U. of Waterloo (Canada), and a Ph.D. from Georgia Tech (USA). He has over twenty years of teaching experience through 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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Designing and Constructing Slab-on-Grade Foundations

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

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

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Faculty

Edward L. Fronapfel MSCE PE D-IBFES DFE CBIE CFCC CBCP EDI PTI NACHI F.NAFE F.ASCE

Project Manager with The Gateway Engineers, Inc., in Pittsburgh

Mr. Fronapfel's experience in design, analysis and forensic review of the soil/structure interaction on hundreds of projects, and thousands of structures provides insightful, analytical and real world expertise. His education and experience includes geo-hydrology, hydrology, hydraulics, civil engineering, structural engineering and building systems including thermal protection, ventilation of confined spaces, waterproofing, roofing and cladding for residential, commercial, education, and industrial settings. He is licensed to practice engineering in 39 states and Puerto Rico. In addition to engineering, his background includes cost consulting, contract resolution, and project scheduling, consulting and construction project issues. Mr. Fronapfel has served for over 14 years as an adjunct professor at the University of Denver, Burns School of Real Estate and Construction Management teaching construction systems, LEED, mechanical-electrical plumbing, construction estimating, and project scheduling. He has been qualified as an expert in these fields in over 80 trials in District and Federal Courts, providing over 600 depositions and hundreds of arbitrations. He has been engaged in thousands of cases including being used as an umpire and expert in mediations.

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Additional Learning

Water Damage Events:

Scope, Risks, and Accountability in Remediation

- Monday, March 11, 2024 | 9:00 am - 5:00 pm CDT

NFPA 99: Health Care Facilities Code

- Tuesday, March 12, 2024 | 9:00 am - 4:30 pm CDT

Wayfinding for Designers and Building Professionals

- Wednesday, March 13, 2024 | 9:00 am - 12:00 pm CDT

- Thursday, March 14, 2024 | 9:00 am - 12:00 pm CDT

Current Issues in New Urbanism

- Thursday, March 14, 2024 | 9:00 am - 4:00 pm CDT

Using RSMeans Data to Create Cost Estimates

- Friday, March 15, 2024 | 9:00 am - 4:30 pm CDT

2021 International Residential Code: Plumbing Systems

- Tuesday, March 19, 2024 | 12:00 - 4:30 pm CDT

Cold Climate Residential Design

- Wednesday, March 20, 2024 | 9:00 am - 4:00 pm CDT

Sustainable Site Design

- Wednesday, March 20, 2024 | 8:30 am - 4:00 pm CDT

Forensic Engineering Concepts & Case Studies

- Friday, March 22, 2024 | 7:30 am - 4:00 pm CDT

Foundation and Retaining Wall Damage and Repair: Science, Materials, and Techniques

- Friday, March 22, 2024 | 9:00 am - 4:30 pm CDT

Current Issues for New England Engineers

- Monday, March 25, 2024 | 7:30 am - 3:00 pm CDT

Electrical Basics for Building Professionals: Understanding and Calculating Electrical Loads

- Tuesday, March 26, 2024 | 9:00 am - 12:15 pm CDT

Electrical Basics for Building Professionals: Residential Electrical Circuit Design

- Tuesday, March 26, 2024 | 1:00 - 4:15 pm CDT

Current Issues in Interior Design

- Tuesday, March 26, 2024 | 8:00 am - 4:30 pm CDT

Complying with the Uniform Plumbing Code 2021

- Tuesday, March 26, 2024 | 9:00 am - 4:30 pm CDT

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