Retaining Wall Design and Slope Stabilization Techniques
Camp Hill, PA - Friday, April 17, 2020

Identify types of retaining walls and understand when to use each
Review the forces acting on retaining walls including pressure from retained soil and the impacts of groundwater
Design retaining walls for interior and exterior stability
Analyze key factors that influence long term and short term slope stability
Use slope stabilization techniques such as reinforcement and ground improvement

You’ll be able to:

Identify and quantify the forces that act on retaining walls.
Define the characteristics of and applications for different types of retaining walls, including traditional cantilevered walls, timber walls and gravity walls.
Design retaining walls for external, internal and global stability.
Discuss the factors that impact slope stability and can lead to slope failure.
Evaluate crucial slope stabilization techniques, including regrading, reinforcement and ground improvement.

Learning Objectives
Additional Learning

Webinar Series

Foundation Damage and Repair
• Design & Geo-Environmental Loading, Building Codes, Soil Properties
Weds, March 4, 2020, 11:00 AM - 12:30 PM CST
• Foundation Slab-Wall Design and Construction
Weds, March 4, 2020, 10:00 - 2:30 PM CST
• Evaluation of Foundation Slab Damage and Repair Alternatives
Thurs, March 5, 2020, 11:00 AM - 12:30 PM CST
• Evaluation of Foundation Wall Damage and Repair Alternatives
Thurs, March 5, 2020, 1:00 - 2:30 PM CST

Solar Photovoltaic
Project Design and Development
• Solar Photovoltaic Project Design and Development, Part I
Weds, March 4, 2020, 1:00 - 2:30 PM CST
• Solar Photovoltaic Project Design and Development, Part II
Thurs, March 5, 2020, 11:00 AM - 2:30 PM CST

International Residential Code
• Development and Enforcement of International Residential Code
Thurs., March 12, 2020, 11:00 AM - 12:00 PM PDT
• IRC Building Planning and Shell Construction, Part I
Thurs., March 12, 2020, 1:00 - 2:30 PM PDT
• IRC Building Planning and Shell Construction, Part II
Fri., March 13, 2020, 11:00 AM - 12:30 PM PDT
• IRC Energy Efficiency and Building Systems
Fri., March 13, 2020, 1:00 - 3:00 PM PDT

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

Continuing Education Credit Information

This seminar is open to the public. It offers 7.0 HSW continuing education hours to architects (non-mandatory in PA) and landscape architects and 7.0 PDHs to professional engineers in most states, including Pennsylvania. Architects and engineers are not subject to preapproval in Pennsylvania.

This seminar is approved by the American Institute of Architects Continuing Education System for 7.0 LU/HSW (Provider No. 9853) and the Landscape Architecture Continuing Education System for 7.0 HSW PDHS. Visit www.halfmoonseminars.org for complete AIA/CES course information under this seminar listing. Only full attendance is reportable to the AIA/CES and LA/CES.

HalfMoon Education is an approved continuing education sponsor for architects and engineers licensed in Florida. HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana, Maryland, New Jersey (Approval No. 24GP00007000), North Carolina, and North Dakota. HalfMoon Education is deemed an approved continuing education provider for New York architects, landscape architects, and professional engineers.

The Association of State Floodplain Managers has approved this event for 7.0 CECS.

This seminar offers a non-mandatory continuing education opportunity for construction contractors. It has not been reviewed by any state contractor licensing entity with a continuing education requirement.

Attendance will be monitored, and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed within 15 business days.

Tuition

Receive a reduced tuition rate of $190 by registering to be our on-site coordinator for the day. For availability and job description, please visit www.halfmoonseminars.org.

How to Register

Visit us online at www.halfmoonseminars.org
Mail-in or fax the attached form to 715-835-6066
Call customer service at 715-835-5900

Can’t Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package!

Audio recordings of this seminar are available for purchase starting at $279. 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.