Understanding Structural Loads
- Types of structural loads
- General structural integrity
- Classifying buildings and structures
- Modifying and expanding existing structures

Structural Load Types
- Dead Loads, Soil Loads and Hydrostatic Pressure
  - Weight of materials and structure
  - Soil loads and hydrostatic pressure

Live Loads
- Uniformly-distributed loads
- Concentrated loads
- Required live loads
- Impact loads

Rain, Ice, Snow, and Flood Loads
- Calculating rain, ice and snow loads on roofs
- Design coefficients
- Unbalanced, drifting and sliding snow loads
- Calculating flood loads

Wind Loads
- Wind speed, importance factor, exposure, enclosure classifications
- Allowed procedures (methods 1, 2 and 3)
- Basic definitions and requirements
- Main wind force resisting system vs. components and cladding

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.
Additional Learning

Webinar Series
Foundation Damage and Repair
• Design & Geo-Environmental Loading, Building Codes, Soil Properties
  Wed., March 4, 2020, 11:00 AM - 12:30 PM CST
• Foundation-Slab Wall Design and Construction
  Wed., March 4, 2020, 1:00 - 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
International Residential Code
• Development and Enforcement of International Residential Code
  Thurs., March 12, 2020, 11:00 AM - 12:00 PM CDT
• IRC Building Planning and Shell Construction, Part I
  Thurs., March 12, 2020, 1:00 - 2:30 PM CDT
• IRC Building Planning and Shell Construction, Part II
  Fri., March 13, 2020, 11:00 AM - 12:30 PM CDT
• IRC Energy Efficiency and Building Systems
  Fri., March 13, 2020, 1:00 - 2:00 PM CDT

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

Seminar Information
Sheraton Erie Bayfront Hotel
55 W Bay Drive
Erie, PA 16507
(814) 454-2005

Registration
8:00 - 8:30 am
Morning Session
8:30 - 9:45 am
Lunch (on your own)
11:45 am - 12:45 pm
Afternoon Session
12:45 - 5:00 pm

Continuing Education Credit Information
This seminar is open to the public and offers 7.0 PDHs to professional engineers and 7.0 HSWs continuing education hours to architects in all states. Educators and courses are not subject to pre-approval in Pennsylvania.

The American Institute of Architects Continuing Education System has approved this course for 7.0 LU|HSW (Sponsor No. AIA 9237). Visit www.halfmoonseminars.org for complete AIA/CES course information under this seminar listing. Only full attendance is reportable to the AIA/CES.

HalfMoon Education is an approved continuing education sponsor for engineers licensed in Florida, Indiana (License No. CE1700059), Maryland, New Jersey (Approval No. 24GP00000700), North Carolina, and North Dakota.

HalfMoon Education is deemed a New York-approved continuing education provider for 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)).

The International Code Council has approved this event for 7 CEUs in the specialty area of Building (Preferred Provider No. 132).

Compiled from the Live Seminar as a Self-Study Package!

Tuition
( ) I will be attending the live seminar. Single Registrant - $299.00. Three or more registrants from the same company registering at the same time - $297.00 each.
( ) I am not attending. Please reimburse the self-study package:
  Downloadable MP3 Audio/PDF Manual for $279.00
  CD/Manual Package for $299.00.
  USB/Manual Package $299.00.
(SAH included. Please allow five weeks from seminar date for delivery)

Checks: Make payable to HalfMoon Education Inc.

Credit Card:
Credit Card Number:
Expiration Date:
CVV2 Code:

Cardholder Name:
Billing Address:
City:
State:
Zip:
Signature:
Email:

© 2020 HEI #20 PASDLUA7 4 29 ERIE WL