Moisture In (and Around) Buildings
Air sources and movement within buildings
Moisture sources and movement within buildings
Effects of air and moisture movement in buildings
- Mold
  - Energy loss
  - Higher operating expenses
  - Damage to building systems and materials
  - Reduced occupant health, safety and comfort

Guidance from Codes, Standards and Environmental Protection Agency (EPA)
International Building Code (IBC)
International Residential Code (IRC)
US EPA Moisture Control Guidance

Designing Moisture-Resistant Foundations
Designing for site drainage
Grading sites to drain water from foundations
Examining the effects of insulation on foundation moisture
Using foundation drainage systems

Designing and Constructing Moisture-Resistant Wall Systems
Air, moisture and vapor barriers
Exterior cladding systems
Promoting drainage
Controlling moisture at base of wall
Understanding the effects of doors, windows and curtain walls
Moisture-proofing wall penetrations

Designing and Constructing Moisture-Resistant Roofing Systems
Evaluating roof coverings
Using steep-slope, low-slope and flat roof systems
Roof system as air and vapor barrier
Examining roof/wall connections
Water management

Mechanical Systems and Moisture Control
Plumbing systems
HVAC systems
Ventilation systems

As a result of recent health and safety concerns, this webinar will also be offered as a live webinar. Instructions will be sent via email before the date of the webinar. Visit us online at www.halfmoonseminars.org to learn more.
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Indianapolis Marriott East
2702 East 21st Street
Indianapolis, IN 46219
(317) 352-1231

Tuition
$279 for individual registration
$279 for three or more registrants from the same company at the same time.

Continuing Education Credit Information
This seminar is open to the public and offers 6.5 continuing education hours/POIs to professional engineers and 6.5 HSW contact hours to architects in all states. HalfMoon Education is an approved continuing education provider for Indiana engineers (License No. CE270000509). Architect continuing education providers and courses are not subject to preapproval in Indiana. The American Institute of Architects Continuing Education System has approved this course for 6.5 LU|HSW (Sponsor No. J885). Visit www.halfmoonseminars.org for complete AIA/CES course information. Only full attendance can be reported to the AIA/CES.

Additional Learning
Webinar Series
Structural Forensic Engineering
- Overview of the Role of Forensic Engineering
- Thurs., April 16, 2020, 11:00 - 12:30 PM CDT
- Forensic Engineering Process and Forensic Engineering Report
- Thurs., April 16, 2020, 1:00 - 3:00 PM CDT
- Causes of Structural Failures
- Fri., April 17, 2020, 11:00 - 12:30 PM CDT
- Forensic Examination of Structures and Use in Litigation
- Fri., April 17, 2020, 1:00 - 3:00 PM CDT

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$299.00

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