

Credit Information

Moisture Intrusion in Construction

This seminar/webinar is open to the public and offers 6.0 PDHs to professional engineers and 6.0 HSW continuing education hours to architects licensed in Nebraska.

Engineers and architects seeking continuing education credit in other states will be able to claim the hours earned at this webinar, in most cases. Refer to specific state rules to determine eligibility.

The American Institute of Architects Continuing Education System has approved this course for 6.0 LU | HSW (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .6 CEUs in the specialty area of Building (Preferred Provider No. 1232).

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

Completion certificates will be awarded to participants who complete this event, respond to prompts and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

Nebraska Engineering Law and Ethics

This webinar is open to the public and offers up to 6.0 PDHs, including 1.0 hour of ethics, to Nebraska and Iowa professional engineers. Educators and courses are not subject to pre-approval in Nebraska or Iowa.

Engineers with continuing education requirements in other states will be able to claim the hours earned at this seminar, in most cases. Refer to specific state rules to determine eligibility.

Completion certificates will be awarded to participants who complete this event, respond to prompts and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

Can't Attend? Order the Webinar as a Self-Study Package!

Recordings of each webinar are available for purchase. See course listing 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. Self-study packages do not qualify for AIA credit.

Live Nebraska Seminar and Live Webinars

- Moisture Intrusion in Construction
- Nebraska Engineering Law and Ethics

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HalfMoon Education Inc.
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Altoona, WI 54720-0278



Live, Interactive Webinars

Moisture Intrusion in Construction

- Omaha, NE or Online | Friday, December 17, 2021
8:00 am - 3:30 pm CST

Nebraska Engineering Law and Ethics

- Tuesday, December 21, 2021 | 8:30 am - 3:30 pm CST

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

www.halfmoonseminars.org

or call our Customer Service Department at (715) 835-5900



Live Nebraska Seminar and Live Webinars



Moisture Intrusion in Construction

Omaha, NE or Online | Friday, December 17, 2021
8:00 am - 3:30 pm CST

Credits: Professional Engineers: 6.0 PDHs Architects: 6.0 HSW CE Hours
AIA: 6.0 LU | HSW International Code Council: .6 CEUs (Building)



Nebraska Engineering Law and Ethics

Online | Tuesday, December 21, 2021 | 8:30 am - 3:30 pm CST

Credits: Nebraska and Iowa professional engineers:
6.0 PDHs, including 1.0 ethics hour

To register, visit us online at
www.halfmoonseminars.org
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AIA
Continuing
Education
Provider



Moisture Intrusion in Construction

Omaha, NE or Online | Friday, December 17, 2021

8:00 am - 3:30 pm CST (incl. a 60-min break)

Tuition: \$289 per registrant, \$239 per registrant for three or more

Credits: Professional Engineers: 6.0 PDHs Architects: 6.0 HSW CE Hours
AIA: 6.0 LU|HSW International Code Council: .6 CEUs (Building)

Live, in-person seminar location

Hilton Garden Inn
Omaha Aksarben Village
6737 Frances Street
Omaha, NE 68106

Webinar Information

Webinars are presented via GoToWebinar.
Instructions and login information will be
provided in an email sent close to the date
of the webinar.

Agenda

Common Shortcuts and Construction Defects that Lead to the Prevalent Moisture Damaged Areas in Building Construction

- Terminology
- Why these common practices fail, who should be responsible for the resulting damage, and how to avoid callbacks and expensive lawsuits
- Mold, rot and bad publicity
- Stucco
- Flashing
- Overview of exterior products and systems
 - EIFS, stucco, MSV, brick, lap siding, flashing, windows
- Commonalities in failures

Most Common Moisture Intrusion Locations

- Actual case studies; photographs of bad detailing
 - Kickouts, windowsills, head flashing, deck attachment, floor lines, etc.
- Building code requirements
- Flashing
- Continuous insulation

Moisture Intrusion Testing Protocol

- EIFS Moisture Inspection Report
 - EIFS details of most common failures
- MSV series of photos and report templates
 - MSV Industry Installation manual
 - Specific details that most commonly fail
- Actual class-action lawsuit notices for various cladding materials
 - Water is non-discriminating

Other Common Failure Locations

- Roof failure details
 - Common shortcuts and details that regularly cause failures, leaks, and damage
- Drainage: foundations, crawl spaces, basements, and slab floors
 - Common shortcuts that lead to water infiltration

Repair Protocol and Repair Oversight

- Consultation
- Supervision
- Verification

Available Resources to Avoid Moisture Intrusion

- Publications:
- Journal of Light Construction
 - Deck Building Guide
 - Brick Industry Technical Manual
 - NW Walls and Ceilings Stucco Manual
 - Fine Homebuilding
 - EIMA Details
 - SMACNA Sheet Metal Detail Manual
- Recommended website

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Online | Tuesday, December 21, 2021

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Tuition: \$289 per registrant, \$239 per registrant for three or more

Credits: Nebraska and Iowa professional engineers:
6.0 PDHs, including 1.0 ethics hour

Agenda

Contract Law Primer for Engineers

- Reviewing the necessary elements of any contract
- Understanding contract “legalese”
- What constitutes a breach of contract?
- Liability-shifting contract provisions: warranties, guarantees and indemnities
- Making changes to contracts

Professional Liability Law

- Reviewing the grounds for professional liability claims
- Identifying who can bring a claim
- Examining common sources of professional liability claims
- Reviewing defenses to liability claims
- Participating in dispute resolution: arbitration, mediation, litigation
- Obtaining Insurance coverage for professional liability claims

Professional and General Liability Insurance for Engineers

- Understanding business insurance coverage:
 - general liability vs. professional liability policies
- Additional insureds: obtaining certificates of insurance
- Understanding insurance policies:
 - Indemnities
 - Insurance availability
 - Assignment
 - Warranties, guarantees and certifications
- Recognizing and responding to claims

Intellectual Property Essentials for Engineers: Patents, Trademarks, Copyrights, and Trade Secrets

- Securing ownership of your designs through patents, trademarks, copyrights, and trade secrets
- Leveraging your intellectual capital through licenses, franchises, and other technology agreements
- Policing intellectual property rights and preventing infringement
- Resolving intellectual property disputes

Handling Ethical Issues in Professional Engineering Practice

- When to whistleblow: when are you ethically obligated to report violations
- After the seal: obligations on the project after the designs are sealed
- Watching the bottom line: identifying and balancing economic pressures in design and construction
- Whose on first: ethical responsibilities in projects with multiple professionals

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Faculty

Moisture Intrusion in Construction

Mark Parlee is a Building Consultant with 45 years in the construction trades

Nebraska Engineering Law and Ethics

Craig F. Martin Lamson Dugan & Murray LLP

Mallory M. Henninger Advent

Sean A. Minahan Lamson Dugan & Murray LLP

(See full presenter information online)

Additional Learning

Construction Cost Estimating

- Tues, Nov 16, 2021 | 7:30 am - 3:30 pm CST

Introduction to HEC-RAS Modeling

- Tues, Nov 16, 2021 | 8:30 am - 5:00 pm CST

Best (and Worst) Practices for Retaining Wall Success and Interactive Workshop

- Wed, Nov 17, 2021 | 10:00 am - 1:15 pm CST

Current Issues in the Practice of Geoscience

- Thurs, Nov 18, 2021 | 8:30 am - 4:00 pm CST

Industrial Stormwater Management

- Fri, Nov 19, 2021 | 9:00 am - 4:00 pm CST

Septic System Design, Construction and Maintenance

- Fri, Nov 19, 2021 | 8:30 am - 4:30 pm CST

Designing and Constructing a Net-Zero Energy Home in the Midwest

- Mon, Nov 22, 2021 | 8:30 am - 1:00 pm CST
- Tues, Nov 23, 2021 | 8:30 am - 1:30 pm CST

Special Inspections under the International Building Code Chapter 17

- Mon, Nov 29, 2021 | 10:00 am - 2:30 pm CST
- Tues, Nov 30, 2021 | 10:00 am - 1:15 pm CST

The Value and Practice of Biophilic Design

- Tues, Nov 30, 2021 | 10:30 am - 12:30 pm CST
- Tues, Dec 7, 2021 | 10:30 am - 12:30 pm CST
- Tues, Dec 21, 2021 | 10:30 am - 12:30 pm CST

Arc Flash Update NFPA 70E 2021

- Wed Dec 1, 2021 | 9:00 am - 1:40 pm CST
- Thurs Dec 2, 2021 | 9:00 am - 1:40 pm CST

Residential Accessibility: Designing for Multi-Family Housing

- Wed, Dec 1, 2021 | 8:30 am - 12:15 pm CST
- Thurs, Dec 2, 2021 | 8:30 am - 12:15 pm CST

Geothermal Heating and Cooling: Technology, Applications, and Economics

- Tues, Dec 7, 2021 | 9:30 am - 5:00 pm CST

Climate Action for Architects and Engineers

- Thurs, Dec 9, 2021 | 7:30 am - 2:50 pm CST

The Tree Course: Science, Design, and Sustainability

- Fri, Dec 10, 2021 | 9:00 am - 4:30 pm CST

Engineered Lumber Design and Construction

- Mon, Dec 13, 2021 | 8:30 am - 12:10 pm CST
- Tues, Dec 14, 2021 | 8:30 am - 12:10 pm CST

Retaining Wall Design and Slope Stabilization Techniques

- Mon, Dec 13, 2021 | 8:30 am - 4:15 pm CST

International Existing Building Code 2021

- Tues, Dec 14, 2021 | 8:30 am - 5:00 pm CST

Practical Site Engineering: Science & Techniques

- Wed, Dec 15, 2021 | 11:00 am - 3:15 pm CST
- Fri, Dec 17, 2021 | 11:00 am - 2:15 pm CST

Soil Mechanics, Bearing Capacity and Slope Stabilization

- Friday, Dec 17, 2021 | 8:30 am - 4:30 pm CST

Art of Retracement for Surveyors

- Tuesday, Dec 21, 2021 | 8:30 am - 3:30 pm CST

International Building Code 2021

- Fri, Dec 17, 2021 | 8:30 am - 5:00 pm CST

National Electrical Code 2020

- Tues, Dec 28, 2021 | 8:30 am - 5:00 pm CST

Parking Structure Design, Construction, and Maintenance

- Wed, Dec 29, 2021 | 8:00 am - 3:30 pm CST

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