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 $269. 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.

Learning Objectives

You’ll be able to:

Differentiate between construction defects and failures

Describe their common causes, including design problems, faulty materials, construction practices, unintended use, and deterioration.

Discuss common defects and failures in foundations, floors, walls, roofing, and mechanical and electrical systems.

Reduce construction defects and failures by understanding proposed use, preparing timely and accurate construction documents, complying with building codes, selecting quality materials, monitoring construction, correcting problems before construction completion, and participating in building commissioning.

Preventing and Addressing Construction Defects and Failures

East Lansing, MI - Friday, February 21, 2020

Understanding the difference between construction defects and failures

Identify common defects and failures

Examine building codes and standards

Explore materials and construction techniques

Resolve disputes generated by defects and failures

Get tips on presenting evidence as an expert witness

Continuing Education Credits

Professional Engineers
6.5 Continuing Ed. Hours

Contractors
Non-Credit Continuing Ed.

Architects
6.5 HSW CE Hours
6.5 AIA LU|HSW
**Faculty**

Vincent F. Fratinardo P.E., S.E., RBC

Mr. Fratinardo is a civil/structural engineer and roof consultant. His 20 years of experience includes civil and structural engineering analysis, design, construction administration, field investigation, and project management, and 15 years of experience specific to forensic engineering and the investigation and analysis of building damage and failures. Mr. Fratinardo has designed numerous new buildings, building additions, building renovations, and mechanical platforms and supports. He has designed and analyzed roof, wall and floor framing systems utilizing steel, concrete, masonry, and wood construction. Mr. Fratinardo has vast expertise in commercial, industrial, agricultural, municipal, educational and residential building damage investigations, including on-site investigations after 25 different tornado events, and Hurricanes Irene, Sandy, Matthew, Harvey, Irma, Maria and Florence. He has legal experience in depositions, arbitration hearings and trials. He has prepared and performed numerous continuing education presentations, including on an array of topics in forensic engineering, structural engineering and building codes for HalfMoon Education Inc., in multiple states since 2014. Mr. Fratinardo graduated from Michigan State University with a bachelor of science degree in Civil Engineering, and he also holds a master of engineering degree in Civil Engineering from Texas A&M University. He is a registered professional engineer in multiple states and a licensed structural engineer in Illinois.

Here's what past attendees had to say about the program and presenter Vincent Fratinardo:

"Excellent!" — Engineer

"Enjoyed presentation; good mix of technical & examples." — Engineer

"I've attended a couple of Vince's seminars and he delivered a well thought-out presentation." — Architect

**Seminar Information**

**Marriott at University Place**

300 Michigan Agricultural College Ave.

East Lansing, MI 48823

(517) 337-4440

**Tuition**

$289 for individual registration

$269 for three or more simultaneous registrations.

**Included with your registration:**

Complimentary continental breakfast and printed seminar manual.

Receive a reduced tuition rate of $101 by registering to be our on-site coordinator for the day. For availability and job description, please visit www.halfmoonevents.org.

**How to Register**

• Visit us online at www.halfmoonevents.org

• Mail-in or fax the attached form to 715-835-6066

• Call customer service at 715-835-5900

Cancellations: Cancel at least 48 hours before the start of the seminar, and receive a full tuition refund, minus a $39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another seminar or the self-study package. You may also send another person to take your place.

**Registration**

Preventing and Addressing Construction Defects and Failures

East Lansing, MI - Friday, February 21, 2020

**How to Register**

Online:

www.halfmoonevents.org

Phone: 715-835-5900

Fax: 715-835-6066

Mail:

HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278

**Complete the entire form. Attach duplicates if necessary.**

**Tuition**

[ ] I will be attending the live seminar. Single Registrant - $289.00. Three or more registrants from the same company registering at the same time - $269.00 each.

[ ] I am not attending. Please send me the self-study package:

- [ ] Downloadable MP3 Audio/PDF Manual for $269.00

- [ ] CD/Mail Package for $289.00

- [ ] USB/Mail Package $289.00

(S&H included. Please allow five weeks from seminar date for delivery)

**Checks:** Make payable to HalfMoon Education Inc.

**Credit Card:** Mastercard, Visa, American Express, or Discover

Credit Card Number: ________________

Expiration Date: ________________

CVV2 Code: ________________

Cardholder Name: __________________________

Billing Address:

[ ] City ____________________________ State ______ Zip ____________

Signature: __________________________

Email: __________________________

© 2019 HEI #20 MIPACOND 2 21 ELAN PC

---

**Additional Learning**

**Webinar Series**

**Pumping and Piping Systems**

- Introduction to Pumps
  - Operation, Principles and Calculations
  - Thurs., Feb. 6, 2020, 1:30 - 2:30 PM CST
  - Fri., Feb. 7, 2020, 11:00 AM - 1:00 PM CST

- Piping Design Standards and Codes
  - Thurs., Feb. 6, 2020, 1:30 - 2:30 PM CST

- Handling Pump and Piping System Problems
  - Fri., Feb. 7, 2020, 1:30 - 2:30 PM CST

**Pavement Design**

- Principles of Pavement Design
  - Wed., Feb. 12, 2020, 1:00 PM - 2:00 PM CST

- Flexible Pavement Design
  - Wed., Feb. 12, 2020, 12:30 - 2:30 PM CST

- Rigid Pavement Design
  - Thurs., Feb. 13, 2020, 1:30 - 4:30 PM CST

- Maintenance, Rehabilitation and Sustainability of Pavements
  - Thurs., Feb. 13, 2020, 1:30 - 4:30 PM CST

**Continuing Education Credit Information**

This seminar is open to the public and offers 6.5 continuing education hours/PDHs to professional engineers and 6.5 HSWS continuing education hours to architects in all states. Educators and courses are not subject to pre-approval in Michigan.

This course has been approved by the American Institute of Architects Continuing Education System for 6.5 LU|HSW (Provider No. J885). Only full attendance is reportable to the AIA/CES.

Visit www.halfmoonevents.org to view complete AIA/CES information under this course listing.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), North Carolina, and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects.

This seminar offers contractors a non-credit continuing education opportunity. It has not been approved by any state contractor licensing entity with a continuing education requirement. Attendees 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 to participants within fifteen business days.

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 5:26. 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.

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