

# Agenda

## Section 1 - Engineered Wood Products: Introduction and Specification (EWP 005/006)

Develop an understanding of engineered lumber terminology  
Review proper installation methods when using engineered lumber products  
Gain a better understanding of how to properly inspect the framing  
for manufacture compliance  
Use manufacture literature to properly specify engineered lumber floor systems

## Section 2 - Engineered Wood Products: Specification and Inspection (EWP 006/007)

Utilize both code details and manufacture details to provide clear direction  
for plan review and proper construction  
Identify what quantifies poor specification but more importantly identify  
what constitutes proper specification  
Learn the recommendations of a manufacturer for proper installation and  
inspection of engineered lumber floor systems  
Use manufacturer-provided literature to find proper details to be used in  
the inspection of and installation of engineered lumber floor systems  
Identify bad installation through inspection and learn how to remedy issues  
Jobsite photos – Good, bad and ugly

## Section 3 - Engineered Wood Products: Load Development (EWP 008)

Learn how to size I-Joists  
Learn how to size and select structural beams  
Acquire skills needed to apply various framing details and connections used  
in the engineered lumber products industry

## Section 4 – Load Development Using Software (EWP 010)

Develop an understanding of how to create consistent file structures for each project  
Understand how to identify problem areas when specifying EWP products  
Participants will have hands on knowledge on how to size:  
a. Joists  
b. Beams  
c. Columns and walls  
In addition, participants will learn how to use software to handle problems that  
arise from improper installation to determine if member needs repair or not  
Live demo

## Wrap Up and Review

**Engineered Lumber Design and Construction**  
Secaucus, NJ - Friday, November 30, 2018

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U.S. POSTAGE PAID  
EAU CLAIRE, WI  
PERMIT NO. 2016

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



# Learning Objectives

## You'll be able to:

**Identify** proper installation methods when using engineered lumber products.  
**Get** tips on properly specifying products, including engineered lumber floor systems.  
**Learn** how to size I-joists and structural beams.  
**Acquire** skills needed to apply various framing details and connections used in engineered lumber products industry.  
**Understand** how software can handle problems that arise from improper installation, so you can determine if repair is needed.



# Engineered Lumber Design and Construction

Secaucus, NJ - Friday, November 30, 2018



**Understand** terminology of engineered lumber

**Get** tips on specifying engineered wood products (EWP)

**Discuss** the installation and inspection of engineered lumber floor systems

**Learn** how to size i-joists, structural beams, columns and walls

**Identify** problems that can arise from improper installation

## Continuing Education Credits

### Professional Engineers

7.0 CPC Credits/PDHs

### Architects

7.0 HSW Continuing Ed. Hours

7.0 AIA HSW Learning Units

### Contractors

Non-Credit Continuing Ed.



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# Faculty

**Scott Lyons** *Boise Cascade*  
Mr. Lyons has 15 years’ experience in the building materials industry, including, roofing, insulation, granite, dimensional lumber and engineered wood products. He is currently the multi-family/light commercial manager responsible for educating and driving specification for Boise Cascade engineered wood products within that segment.

**Stephen Hausner** *Boise Cascade*  
Mr. Hausner started his engineered wood career designing floor systems, and sizing engineered wood products in 1998. Since then, he has worked in many roles including design manager, high-density housing specialist, strategic sales representative, and territory manager, and he is currently the area manager for East Texas including Houston and Louisiana. Mr. Hausner’s primary focus is to create demand for Boise EWP through product education, consulting with builders

# Seminar Information

**Holiday Inn Secaucus Meadowlands**  
300 Plaza Drive  
Secaucus, NJ 07094  
(201) 348-2000

**Tuition**  
**\$279** for individual registration  
**\$259** for three or more registrations.

*Each registration includes a 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.halfmoonseminars.org](http://www.halfmoonseminars.org).

**How to Register**

- Visit us online at [www.halfmoonseminars.org](http://www.halfmoonseminars.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 CD/manual package. You may also send another person to take your place.

on maximizing design efficiency and duplicating his efforts through customers training.

**Dennis Bott** *Boise Cascade*  
Mr. Bott has been working within the engineered wood industry for over 25 years holding many positions including design manager to manufacturing technical sales. He is currently the business development and project manager responsible for educating and driving specification for Boise Cascade Engineered Wood Products within the Multifamily Light Commercial Segment. In addition to these responsibilities, he also manages the AIA educational program for Boise Cascade.

## Continuing Education Credit Information

This seminar is open to the public and offers up to 7.0 CPC credits/PDHs to professional engineers and 7.0 HSW continuing education hours to architects in all states, except Florida architects. HalfMoon Education is an approved continuing education provider for New Jersey engineers (Approval No. 24GP00000700).

This event has been approved by the American Institute of Architects for 7.0 Learning Units (Sponsor No. J885). Courses approved by the AIA qualify for New Jersey architects. Only full attendance can be reported to the AIA/CES.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana, Maryland, New York (NYSED Sponsor No. 35), North Carolina, and North Dakota. HalfMoon Education is deemed an approved architect continuing education sponsor in New York.

This seminar offers a non-credit continuing education opportunity to contractors; it has not been approved in any state that has a contractor 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 to participants within fifteen business days.

# Additional Learning

## Webinar Series

### HEC-RAS Webinar Series

- **Hydraulic Principles and Applications**  
Thurs., Oct. 18, 2018, 11:00 AM - 1:00 PM CDT
- **Working with the HEC-RAS User Interface**  
Thurs., Oct. 18, 2018, 1:30 - 3:00 PM CDT
- **Water Surface Profiling**  
Fri., Oct. 19, 2018, 11:00 AM - 1:00 PM CDT
- **Steady Flow Surface Profile Demonstrations**  
Fri., Oct. 19, 2018, 1:30 - 3:30 PM CDT

### Construction Cost Estimating

- **Introduction to Cost Estimating**  
Thurs., Oct. 25, 2018, 11:00 AM - 12:30 PM CDT
- **Cost Components – A Closer Look at the Estimates**  
Thurs., Oct. 25, 2018, 1:00 - 3:00 PM CDT
- **Cost Estimate Organization and Examples**  
Fri., Oct. 26, 2018, 11:00 AM - 1:00 PM CDT
- **Cost Estimating Topics**  
Fri., Oct. 26, 2018, 1:30 - 3:00 PM CDT

### Geothermal Heating and Cooling

- **Thermodynamic Basics of Geothermal Systems**  
Thurs., Nov. 1, 2018, 11:00 AM - 12:00 PM CDT
- **Understanding Earth Loop Systems**  
Thurs., Nov. 1, 2018, 12:30 - 2:00 PM CDT
- **Choosing and Designing Geothermal Systems**  
Fri., Nov. 2, 2018, 11:00 AM - 12:00 PM CDT
- **Evaluating and Maintaining Geothermal Systems**  
Fri., Nov. 2, 2018, 12:30 - 2:30 PM CDT

### Cogeneration System Principles and Practice

- **Understanding the Benefits of Cogeneration**  
Thurs., Nov. 8, 2018, 11:00 AM - 12:30 PM CST
- **Laws, Regulations and Building Codes Impacting Cogeneration**  
Thurs., Nov. 8, 2018, 1:00 PM - 2:30 PM CST
- **Examining Cogeneration Technologies**  
Fri., Nov. 9, 2018, 11:00 AM - 12:30 PM CST
- **Moving to Cogeneration: Analysis, Modeling and Case Studies**  
Fri., Nov. 9, 2018, 1:00 - 2:30 PM CST

For more information visit:  
[www.halfmoonseminars.org/webinars/](http://www.halfmoonseminars.org/webinars/)

**Can’t Attend? Order the CD/Manual Package:**  
An audio recording of this seminar is available for \$289 (including shipping). Allow five weeks from the seminar date for delivery. Please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

# Registration

## Engineered Lumber Design and Construction

Secaucus, NJ - Friday, November 30, 2018

| How to Register                                                                   |  | Registrant Information                                                                                                                                              |  |
|-----------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Online:<br><a href="http://www.halfmoonseminars.org">www.halfmoonseminars.org</a> |  | Name: _____                                                                                                                                                         |  |
| Phone:<br>715-835-5900                                                            |  | Company/Firm: _____                                                                                                                                                 |  |
| Fax:<br>715-835-6066                                                              |  | Address: _____                                                                                                                                                      |  |
| Mail:<br>HalfMoon Education Inc.,<br>PO Box 278, Altoona, WI<br>54720-0278        |  | City: _____ State: _____ Zip _____                                                                                                                                  |  |
| Complete the entire form. Attach duplicates if necessary.                         |  | Occupation: _____                                                                                                                                                   |  |
|                                                                                   |  | Email: _____                                                                                                                                                        |  |
|                                                                                   |  | Phone: _____                                                                                                                                                        |  |
|                                                                                   |  | Name: _____                                                                                                                                                         |  |
|                                                                                   |  | Occupation: _____                                                                                                                                                   |  |
|                                                                                   |  | Email: _____                                                                                                                                                        |  |
|                                                                                   |  | Phone: _____                                                                                                                                                        |  |
|                                                                                   |  | Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred. |  |
|                                                                                   |  | ( )  I need special accommodations. Please contact me.                                                                                                              |  |

## Tuition

- ( ) **I will be attending the live seminar.** Single Registrant - **\$279.00**. Three or more registrants from the same company registering at the same time - **\$259.00** each.
- ( ) **I am not attending.** Please send me the CD manual package for **\$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: _____                            |