

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 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 – Fire Resistive and Fire Rated Assemblies with Wood (EWP 004)

- Learn the difference between fire-resistive and fire-rated assemblies; addressing and detailing for fire as it relates to building systems
- Learn the facts about engineered wood products and their fire performance
- Exception methods to comply with Section R501.3 of the 2012 IRC enable a better understanding to apply the appropriate methods and materials discussed
- Fire-rated assemblies with engineered wood products; design to meet this section of the building code

Section 5 – Introduction to Multi-Family Construction using EWP (EWP 009)

- Develop an understanding of the types of construction classifications and load types
- Understand the common building configuration types
- Learn some of the typical construction details regarding this type of construction
- Look into the tools available from most manufacturers when designing multi-family structures

Wrap Up and Review

Engineered Lumber Design and Construction

Arlington, TX - Tuesday, July 30, 2019



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

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

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** the difference between fire-resistive and fire-rated assemblies.
- Learn** about the use of engineered wood products in multi-family construction.



Find us on
Facebook

Engineered Lumber Design and Construction

Arlington, TX - Tuesday, July 30, 2019



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 and structural beams

Examine the fire performance of engineered wood products

Explore the applications for engineered wood in multi-family construction

Continuing Education Credits

Professional Engineers

7.0 PDHs

Contractors

Non-Credit Continuing Ed.

Architects

7.0 HSW CEPHS/CE Hours

7.0 AIA HSW Learning Units



HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG



Faculty



Nathan Paul *Boise Cascade Engineered Wood Products*
Mr. Paul has more than 20 years’ experience educating and consulting with performance based designers and specifiers across North America. In his current role with Boise Cascade, he is responsible for the specification of engineered wood products within the multifamily and light commercial markets. Mr. Paul regularly gives presentations as an effective means of educating the design community.



Jamie Chavez *Boise Cascade Engineered Wood Products*
Ms. Chavez has spent two decades in residential architectural, design and construction occupations. She has been in the engineered wood business designing, training and in sales and support for 15 years, the past seven of those with Boise Cascade Engineered Wood Products. Ms. Chavez is dedicated to comprehensive understanding of engineered wood products, appropriate usage, benefits, proper design and installation methods to provide exceptional structures. She is currently the area manager for North Texas and Northern Louisiana. Ms. Chavez has a background in architectural studies and real world construction experience, as well as experience in residential floor design, loading methodology, structural design and analysis software. Her experience allows her to help architects, engineers, builders, dealers and inspectors in the wood construction field.



Dennis Bott *Boise Cascade Engineered Wood Products*
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 & 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.

Here’s what previous attendees said about this Engineered Lumber Design and Construction seminar:

“Excellent presentation - very worthwhile!” — *Architect*
“Enjoyed this seminar - informative!” — *Structural Engineer*
“This seminar held my interest the entire day! Excellent!” — *Electrical Engineer*

Seminar Information

The Bob Duncan Center
2800 South Center Street
Arlington, TX 76014
(817) 465-6661

Tuition
\$289 for individual registration
\$269 for three or more registrations.

Included with your registration: Complimentary continental breakfast and printed seminar manual.

How to Register

- Visit us online at 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 self-study package. You may also send another person to take your place.

Continuing Education Credit Information

This seminar is open to the public and offers 7.0 PDHs to professional engineers and 7.0 HSW CEPHs/continuing education hours to architects in most states. Educators and courses are not subject to pre-approval in Texas.

The American Institute of Architects has approved this event for 7.0 HSW Learning Units (Sponsor No. J885). Only full attendance can be reported to the AIA/CES.

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 architects.

This seminar offers a non-credit continuing education opportunity to contractors. It has not been approved by any state contractor licensing entity for continuing education approval.

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

National Electrical Code: Onsite Power Generation and Distribution

- **National Electrical Code: Onsite Power Generation and Distribution, Part I**
Wed., July 10, 2019, 11:00 AM - 2:15 PM CDT
- **National Electrical Code: Onsite Power Generation and Distribution, Part II**
Thur., July 11, 2019, 11:00 AM - 2:15 PM CDT

OSHA Construction Safety

- **Overview of Construction Safety Hazards, Statistics and OSHA Requirements**
Thurs., July 11, 2019, 11:00 AM - 12:30 PM CDT
- **Construction Site Fall Prevention, Ladders, Stairways and Excavation**
Thurs., July 11, 2019, 1:00 - 3:00 PM CDT
- **Construction Site Scaffolds, Cranes and Loading Capacities**
Fri., July 12, 2019, 11:00 AM - 12:30 PM CDT
- **Chemical Hazards, Electrical Safety and Personal Protective Equipment**
Fri., July 12, 2019, 1:00 - 3:00 PM CDT

Basics of Fluid Mechanics

- **Fluid Mechanics Overview and Theory**
Tues., July 16, 2019, 11:00 AM - 1:00 PM CDT
- **Fluid Statics and Fluid Dynamics**
Tues., July 16, 2019, 1:30 - 3:30 PM CDT
- **Fluid Dynamics Theory and Applications, Part I**
Wed., July 17, 2019, 11:00 AM - 1:00 PM CDT
- **Fluid Dynamics Theory and Applications, Part II**
Wed., July 17, 1:30 - 3:30 PM CDT

NFPA 70E

- **NFPA 70E, Part I**
Wed., July 24, 2019, 11:00 AM - 3:30 PM CDT
- **NFPA 70E, Part II**
Thur., July 25, 2019, 11:00 AM - 3:30 PM CDT

For more information visit:
www.halfmoonseminars.org/webinars/

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.

Registration

Engineered Lumber Design and Construction

Arlington, TX - Tuesday, July 30, 2019

How to Register	Registrant Information
Online: www.halfmoonseminars.org	Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip _____ Occupation: _____ Email: _____ Phone: _____
Phone: 715-835-5900	Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____ Name: _____ Occupation: _____ Email: _____ Phone: _____
Fax: 715-835-6066	
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278	
Complete the entire form. Attach duplicates if necessary.	
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 - **\$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/Manual Package for **\$289.00**.(Please allow four 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: _____