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 – 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. e.; 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

Tuesday, April 16, 2019

Engineered Lumber Design

Columbia, SC

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, incuding 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.







Engineered Lumber Design and Construction

Columbia, SC - Tuesday, April 16, 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, structural beams, columns and walls

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

Architects

7.0 HSW CEHs
7.0 AIA HSW Learning Units

Contractors

Non-Credit Continuing Ed.





Faculty



Dennis Bott Boise Cascade Engineered Wood Products

Mr. Bott has been working within the engineered wood industry for over 25 years holding many positions from 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 multi-family light commercial segment. In addition to these responsibilities, he also manages the AIA educational program for Boise Cascade.



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 multi-family and light commercial markets. Mr. Paul regularly gives presentations as an effective means of educating the design community.



Jeff Ruebusch Boise Cascade Engineered Wood Products

Registration

8:00 - 8:30 am

Morning Session

12:00 - 1:00 pm

1:00 - 5:00 pm

8:30 am - 12:00 pm

Lunch (On your own

Afternoon Session

Mr. Ruebusch has been working within the building products and engineered lumber industry for over 30 years. He has attained a vast amount of experience through positions ranging from engineered wood products designer to manufacturing technical sales. Mr. Ruebusch is currently the senior area manager for the Carolinas.

Seminar Information

Columbia Marriott

1200 Hampton Street Columbia, SC 29201 (803) 771-7000

Tuition

\$289 for individual registration **\$269** 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.

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. It offers 7.0 PDHs to professional engineers and 7.0 HSW continuing education hours to architects in all states. Educators and courses are not subject to preapproval in South Carolina.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), New York (NYSED Sponsor No. 35), North Carolina, and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York architects.

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

This course offers a non-credit continuing education opportunity to contractors.

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

- National Electrical Code, Part I Wed., March 6, 2019, 11:00 AM - 3:30 PM CST
- National Electrical Code, Part II
 Thurs., March 7, 2019, 11:00 AM 3:30 PM CST
- National Electrical Code, Part III Fri., March 8, 2019, 11:00 AM - 3:30 PM CST

Commercial Solar Peaker Batteries

- Commercial Solar Peaker Batteries, Part I Wed., March 13, 2019, 11:00 AM - 3:15 PM CDT
- Commercial Solar Peaker Batteries, Part II
 Thurs., March 14, 2019, 11:00 AM -2:15 PM CDT

Handling Ethical Issues in Professional Engineering Practice

Fri., March 15, 2019, 11:00 AM -12:00 PM CDT

Structural Forensic Engineering

- Introduction to Forensic Engineering Process
 Wed., March 27, 2019, 11:00 AM -1:00 PM CDT
- Causes of Failures and the Forensic Engineering Report
 Wed., March 27, 2019, 1:30-3:30 PM CDT
- Forensic Examination of Structures and Use in Litigation

Thurs., March 28, 2019, 11:00 AM -1:00 PM CDT

Foundation Damage and Repair

- Structure Loads, Soil Mechanics, Bearing Capacity and Geo-Environmental Hazards
 Thurs., March 28, 2019, 11:00 AM - 12:30 PM CDT
- Foundation-Wall Design and Construction Thurs., March 28, 2019, 1:00 -2:30 PM CDT
- Assessment of Foundation-Slab Damage & Repair Alternative

Fri., March 29, 2019, 11:00 AM -12:30 PM CDT

 Assessment of Foundation-Retaining Wall Damage & Repair Alternatives

Fri., March 29, 2019, 1:00 -2:30 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

www.halfmoonseminars.org

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Complete the entire form. Attach

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duplicates if necessary.

Engineered Lumber Design and Construction

Columbia, SC - Tuesday, April 16, 2019

	Registrant Information
	Name:
	Company/Firm:
	Address:
	City: Zip
	Occupation:
	Email:
	Phone:
	Additional Registrants:
4	Name:
	Occupation:
	Email:
	Phone:
	Name:
	Occupation:
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Tuition			
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