

Agenda

Engineered Wood Products: Introduction & 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

Engineered Wood Products: Specification & 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 how to remedy issues
- Jobsite photos – Good, bad and ugly

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

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.

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 by most manufacturers when designing multi-family structures

Wrap Up and Review

Engineered Lumber Design and Construction
Birmingham, AL - Wednesday, October 30, 2019

NON-PROFIT
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:

Follow manufacturers' recommendations for proper installation and inspection of engineered lumber floor systems.

Size engineered I-joists and structural beams, and apply various framing details and connections.

Differentiate fire-resistive and fire-rated assemblies, and explain the fire performance of engineered wood products and the code compliance of fire-rated assemblies.

Explore the basics of multi-family construction using engineered wood products.



Find us on
Facebook

Engineered Lumber Design and Construction

Birmingham, AL - Wednesday, October 30, 2019



Understand the 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

Professionals Engineers
7.0 PDHs

Architects
7.0 HSW CEHs
7.0 AIA LU|HSW

Interior Designers
7.0 HSW Alabama CEUs

Contractors
Non-Credit Continuing Ed.



HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG

**AIA
Continuing
Education
Provider**

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.

Adam Pittman, P.E. *Boise Cascade Engineered Wood Products*

Mr. Pittman is a licensed professional engineer who has 17 years of experience in the engineered wood products field. In his current role with Boise Cascade, he is responsible for sales, support, and specification of engineered wood products with builders, dealers, and specifiers. Mr. Pittman is responsible for a territory that covers five states.

Seminar Information

Birmingham Marriott 3590 Grandview Pkwy. Birmingham, AL 35243 (205) 968-3775	Registration 8:00 - 8:30 am Morning Session 8:30 am - 12:00 pm	Lunch (On your own) 12:00 - 1:00 pm Afternoon Session 1:00 - 5:00 pm
--	---	---

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.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.

Additional Learning

- Webinar Series**
- International Building Code**
- **Building Code, Building Classification and Special Requirements**
Thurs., Sept. 12, 2019, 11:00 AM - 12:30 PM CDT
 - **Mixed Use Buildings, Construction Types and Locations**
Thurs., Sept. 12, 2019, 1:00 - 2:30 PM CDT
 - **Allowable Heights/Areas and Means of Egress**
Fri., Sept. 13, 2019, 11:00 AM - 12:30 PM CDT
 - **Fire Rated Construction and Fire Protection Systems**
Fri., Sept. 13, 2019, 1:00 - 2:30 PM CDT

- Tree Preservation**
- **Keys for Success in Tree Preservation**
Tues., Sept. 17, 2019, 11:00 AM - 1:00 PM CDT
 - **Tree Root Morphology and Patterns**
Tues., Sept. 17, 2019, 1:30 - 3:30 PM CDT
 - **Trees as Design Elements and Construction Strategies**
Wed., Sept. 18, 2019, 11:00 AM - 1:00 PM CDT
 - **Tree Protection and Post Construction**
Wed., Sept. 18, 2019, 1:30 - 3:30 PM CDT

- Pedestrian and Bicycle Transport Planning**
- **Introduction to Current Conditions and Trends in Biking and Walking**
Thurs., Sept. 19, 2019, 11:00 AM - 12:30 PM CDT
 - **Engineering and Infrastructure: Design for Walkability and Bikeability**
Thurs., Sept.19, 2019, 1:00 - 2:30 PM CDT
 - **Developing a Walking and Biking Plan, Part I**
Fri., Sept. 20, 2019, 11:00 AM - 12:30 PM CDT
 - **Developing a Walking and Biking Plan, Part II**
Fri., Sept. 20, 2019, 1:00 - 2:30 PM CDT

- Solar Photovoltaic Project Design and Development**
- **Solar Photovoltaic Project Design and Development, Part I**
Wed., October 2, 2019, 11:00 AM - 2:15 PM CDT
 - **Solar Photovoltaic Project Design and Development, Part II**
Thurs., October 3, 2019, 11:00 AM - 2:15 PM CDT

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

Continuing Education Credit Information

This seminar is open the public and offers 7.0 PDHs to professional engineers and 7.0 HSW continuing education hours to architects in all states. This course offers 7.0 HSW CEUs to Alabama interior designers. Educators and courses are not subject to preapproval in Alabama.

This seminar is approved by the American Institute of Architects Continuing Education System for 7.0 LU|HSW (Sponsor No. J885). Only full attendance can be reported to the AIA/CES. Visit www.halfmoonseminars.org for 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 an approved Florida architect continuing education provider and is deemed an approved continuing education sponsor for New York engineers and architects.

This program offers a non-credit continuing education opportunity to Alabama construction contractors. It has not been submitted to any state contractor licensing entity for course 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.

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
Birmingham, AL - Wednesday, October 30, 2019

How to Register	
Online: www.halfmoonseminars.org	
Phone: 715-835-5900	
Fax: 715-835-6066	Code:
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278	
Complete the entire form. Attach duplicates if necessary.	
Registrant Information	
Name: _____	
Company/Firm: _____	
Address: _____	
City:_____State: _____ Zip_____	
Occupation: _____	
Email: _____	
Phone: _____	
Additional Registrants:	
Name: _____	
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 - \$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 .
(S&H included. Please allow five weeks from seminar date for delivery)
Checks: Make payable to HalfMoon Education Inc.
Credit Card: <i>Mastercard, Visa, American Express, or Discover</i>
Credit Card Number: _____
Expiration Date: _____ CVV2 Code: _____
Cardholder Name: _____
Billing Address: _____
City:_____ State:_____ Zip: _____
Signature: _____
Email: _____