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 manufacturing compliance
Use manufacturer literature to properly specify engineered lumber floor systems

Engineered Wood Products: Specification & Inspection (EWP 006/007)
Utilize both code details and manufacturer details to provide clear direction
for plan review and proper construction
Identify what quantifies proper 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

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

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.
**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**  
5590 Grandview Pkwy,  
Birmingham, AL 35245  
(205) 968-3775

**Tuition**

$289 for individual registration  
$269 for three or more simultaneous registrations.

**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.

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- Mail-in or fax the attached form to 715-835-6066
- Visit us online at www.halfmoonseminars.org/webinars/

**Registration**

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

**How to Register**

Online:  
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- Phone: 715-835-5900
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HalfMoon Education Inc.,  
PO Box 278, Altoona, WI 54720-0278

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**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., Oct. 19, 2019, 1:30 - 3:30 PM CDT

**Solar Photovoltaic Project Design and Development**

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

**Continuing Education Credit Information**

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. For 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.

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