Learning Objectives

You'll be able to:

**Identify** proper installation methods when using engineered lumber products.

**Get** tips on properly specifying 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.

**Learn** about sizing joists, beams, columns and walls.

**Understand** how software can handle problems that arise from improper installation to determine if repair is needed.

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**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 manufacturer literature to properly specify engineered lumber floor systems.

**Section 2 - Engineered Wood Products:**

**Specification and Inspection (EWP 006/007)**

Utilize both code details and manufacturer details to provide clear direction for plan review and proper construction.

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*

**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:

- I-Joists
- Beams
- 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

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**Engineered Lumber Design and Construction**

**Portland, ME - Tuesday, November 27, 2018**

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**Continuing Education Credits**

- **Professional Engineers**
  - 7.0 PDHs
- **Architects**
  - 7.0 HSW Continuing Ed. Hours
- **Contractors**
  - 7.0 AIA HSW Learning Units
  - Non-Credit Continuing Ed.
Mr. Lyons has 15 years of 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 Wood Products
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 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.

How to Register
Continuing Education Credit Information
This seminar is open to the public and offers 7.0 PDHs to professional engineers and 7.0 HSWS continuing education hours to architects in all states, except Florida architects. Educators and courses are not subject to preapproval in Maine.

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 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.

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The American Institute of Architects has approved this event for 7.0 HSWS Learning Units (Sponsor No. 3983). Only full attendance can be reported to the AIA/CES.

HalfMoon Education is an approved continuing education sponsor in New York.

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