

Agenda

Presented by Ryan Broomé

Wood Frame Codes, Guidelines and Specifications

- Short history of the development of conventional wood framing
- Benefits and drawbacks of conventional wood framing
- Wood species, grades and sizes
- Specialty products: structural wood panels and engineered wood products
- American Wood Council's National Design Specification for Wood Construction
- Wood framing provisions of the International Building Code and other state and local building codes
- ASCE load specifications

Wood Frame Design and Construction Techniques

- Project conception and material choices
- Design tools and techniques
- Anchoring
- Floor framing
- Wall systems
- Columns, beams, posts and trusses
- Connections
- Roof framing choices: conventional and trusses
- Fire resistance and safety considerations

Can't Attend? Order the CD/Manual Package:

An audio recording of this seminar is available for \$289 (including shipping). Allow five weeks from the seminar date for delivery. Please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Wood Frame Design for Residential and Small Commercial Buildings

Salt Lake City, UT - Thursday, August 16, 2018

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



Learning Objectives

You'll be able to:

Understand the features and uses of dimension lumber, glue-laminated framing, dimension lumber trusses and plywood/OSB.

Comply with framing provisions in the International Building Code and the International Residential Code.

Discuss limits to wall height and lateral loads.

Calculate floor and roof spans.

Review design examples for beam/joint/rafter construction and column/post construction.



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Continuing Education Credits

Professional Engineers

6.5 Professional Ed. Hours/PDHs

Architects

6.5 HSW Continuing Ed. Hours

6.5 AIA HSW Learning Units

International Code Council

.65 CEUs (Building)



HalfMoon Education Inc.
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Faculty

Ryan Broomé *Professional at Realize Structural Engineering, Inc.*

Mr. Broomé has 20 years’ experience working in structural design firms located in parts of Northern Utah and in Sacramento, California. Graduating from Brigham Young University in 1997 with a Bachelor of Science degree in Civil and Environmental Engineering, he focused on structural design classes with the goal of working as a structural engineer. Mr. Broomé’s portfolio includes residential housing, custom homes, large residential projects, small commercial projects, precast concrete, and industrial and structural plan reviews. He has taught as an adjunct instructor at Utah Valley University in the Emergency Services department, where he taught building construction types to firefighters. Mr. Broomé is a member of the Structural Engineers Association of Utah, the American Society of Civil Engineers, the American Wood Council and the International Code Council. As a member of the Structural Engineers Association of Utah, he serves on the Programs Committee.

Seminar Information

Marriott University Park 480 Wakara Way Salt Lake City, UT 84108 (801) 581-1000	Registration 8:00 - 8:30 am Morning Session 8:30 - 11:45 am	Lunch (On your own) 11:45 am - 12:45 pm Afternoon Session 12:45 - 4:30 pm
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Tuition

\$279 for individual registration
\$259 for three or more simultaneous registrations.

Each registration includes a complementary 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 (CDT), 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 CD/manual package. You may also send another person to take your place.

Additional Learning

Webinar Series

Septic Systems Series

- **Onsite Wastewater Treatment Technologies, Regulations and Contaminant Removal**
Thurs., July 19, 2018, 11:00 AM - 12:30 PM CDT
- **Evaluating Sites, Setting Treatment Goals and System Design**
Thurs., July 19, 2018, 1:00 - 2:30 PM CDT
- **Alternative and Sustainable Treatment Technologies**
Fri., July 20, 2018, 11:00 AM - 12:30 PM CDT
- **Management Programs for Onsite Wastewater Treatment Systems**
Fri., July 20, 2018, 1:00 - 2:30 PM CDT

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

National Electrical Code

- **National Electrical Code, Part I**
Tues., July 24, 2018, 11:00 AM - 3:30 PM CDT
- **National Electrical Code, Part II**
Weds., July 25, 2018, 11:00 AM - 3:30 PM CDT
- **National Electrical Code, Part III**
Thurs., July 26, 2018, 11:00 AM - 3:30 PM CDT

Retaining Walls and Slope Stabilization

- **Retaining Wall Basics**
Thurs., July 26, 2018, 11:00 AM - 12:00 PM CDT
- **Geosynthetics and Retaining Walls**
Thurs., July 26, 2018, 12:30 - 3:00 PM CDT
- **Slope Stability and Geosynthetics**
Fri., July 27, 2018, 11:00 AM - 12:30 PM CDT
- **Slope and Retaining Wall Failures, Fixes and Prevention**
Fri., July 27, 2018, 1:00 - 3:00 PM CDT

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 professional education hours/PDHs to professional engineers and 6.5 HSW continuing education hours to architects in all states, except Florida architects. Educators and courses are not subject to preapproval in Utah.

This seminar is approved by the American Institute of Architects for 6.5 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, 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 International Code Council has approved this activity for .65 CEUs in the specialty area of Building.

Attendance will be monitored and reported, as required. 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 CD/Manual Package:

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Registration

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How to Register	Registrant Information
Online: www.halfmoonseminars.org	Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip _____ Occupation: _____ Email: _____ Phone: _____
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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 - **\$279.00**. Three or more registrants from the same company registering at the same time - **\$259.00** each.
- () **I am not attending.** Please send me the 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: *Mastercard, Visa, American Express, or Discover*
Credit Card Number: _____
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