

Credit Information

Tall Timber Frame Construction

This webinar is open to the public and is designed to qualify for 7.5 PDHs for professional engineers and 7.5 HSW continuing education hours for licensed architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 7.5 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .75 CEUs in the specialty area of Building (Preferred Provider No. 1232).

On-Demand Credit Information

The preceding credit information only applies to the live presentation. This course in an on-demand format may not be eligible for the same credits as the live presentation; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request: 7.5 HSW LUs (AIA)

Moisture Management and Protection Strategies for Mass Timber Buildings

This webinar is open to the public and is designed to qualify for 2.0 PDHs for professional engineers and 2.0 HSW continuing education hours for licensed architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 2.0 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .2 CEUs in the specialty area of Building (Preferred Provider No. 1232).

On-Demand Credit Information

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Attendance will be monitored, and attendance certificates will be available after the webinars for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

HalfMoon Education Live Webinars

- Tall Timber Frame Construction
- Moisture Management and Protection Strategies for Mass Timber Buildings

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Live, Interactive Webinars

Tall Timber Frame Construction

- Wednesday, March 13, 2024 | 9:00 am - 5:30 pm CST

Moisture Management and Protection Strategies for Mass Timber Buildings

- Thursday, January 25, 2024 | 12:00 - 2:00 pm CST

To register, view detailed presenter biographies, and see other learning opportunities, please visit:

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HalfMoon Education Live Webinars



Tall Timber Frame Construction

Wednesday, March 13, 2024 | 9:00 am - 5:30 pm CST

Credits: Professional Engineers: 7.5 PDHs

Architects: 7.5 HSW CE Hours | AIA: 7.5 LU | HSW

International Code Council: .75 CEUs (Building)

Moisture Management and Protection Strategies for Mass Timber Buildings

Thursday, January 25, 2024 | 12:00 - 2:00 pm CST

Credits: Professional Engineers: 2.0 PDHs

Architects: 2.0 HSW CE Hours | AIA: 2.0 LU | HSW

International Code Council: .2 CEUs (Building)

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AIA
Continuing
Education
Provider



Tall Timber Frame Construction

Wednesday, March 13, 2024 | 9:00 am - 5:30 pm CST

Tuition: \$319 per registrant
\$289 for two or more registrants from the same company at the same time

Agenda

Fundamentals of Timber High-Rise Construction	<i>C. Drenick</i>
Conventional high-rise construction materials and techniques	
Advent of high-rise timber construction	
Sustainability and other benefits	
Recent projects	
International Building Code 2018, 2021	
Sourcing Certified Wood - Supporting ESG and Sustainability Goals	<i>A. Perkins</i>
IBC 2021 Tall Wood Construction	<i>B. Jones</i>
New tall wood construction types	
Allowable heights and areas	
Structural High-Rise Timber Design	<i>E. McDonnell</i>
Considerations for High-Rise Wood Construction	<i>H. Holdridge</i>
Building envelopes	
Interior finishes	
Carbon impacts	
Fire Resistance and Noncombustable Protection	<i>R. McLain</i>
Fire resistance	
Noncombustion	
Additional fire protection techniques	
Concealed spaces	
Acoustics for Timber Buildings	<i>D. Blount</i>

Faculty

Annie Perkins works to inspire and advance positive change by accelerating sustainable development through the use of certified wood products. Her experience in supply chain transparency, climate change, and the circular economy, coupled with a passion for human health, equitable communities, and the environment, supports that mission. She participates in local government and the development of global sustainability standards.

Bevan Jones, PE founded Holmes’ fire engineering practice in the US, where he overcomes construction industry constraints with holistic fire and life safety solutions. With 20+ years of international experience in performance-based fire safety design, Mr. Jones has led a vast array of projects ranging from residential design to large-scale infrastructure projects. As principal and director of Strategic Initiatives, Mr. Jones works with clients and industry partners to develop collaborative partnerships to drive innovation within the construction industry. He applies his knowledge of building codes, approvals framework and construction process to assist partners to develop and progress their vision for change. Mr. Jones is a firm believer that establishing a sound compliance strategy at the onset of a project is fundamental to progression—particularly when adopting new construction technologies.

Credits: Professional Engineers: 7.5 PDHs | Architects: 7.5 HSW CE Hours
AIA: 7.5 LU | HSW | International Code Council: .75 CEUs (Building)

Ricky McLain, PE, SE leads WoodWorks’ Growth and Innovation Program, working on project technical design support, resource creation and growth opportunity facilitation related to areas such as tall mass timber construction, builder’s risk insurance for mass timber projects, and industrialized/offsite buildings. He supports the AECD community both directly and collaboratively with WoodWorks Regional Directors, providing in depth technical design assistance. Mr. McLain also has extensive experience in lead engineer roles related to structural design, project management and construction administration. Mr. McLain is executive director of the Structural Engineers Association of Vermont, and a member of numerous committees and councils related to building design.

Heather Holdridge leverages a background in mechanical engineering, to direct all Lake | Flato teams in establishing sustainability goals. She devises strategies and systems to realize those goals under programs such as LEED, the 2030 Challenge, and the Living Building Challenge. Ms. Holdridge works closely with teams to evaluate passive systems and performs energy modeling throughout the design process. She received a bachelor of science degree in Mechanical Engineering from The University of Texas at Austin and a master of business administration degree from The University of Texas at San Antonio.

Chelsea Drenick is the regional director for California-North, Nevada and Utah with Wood Works. She is a licensed structural engineer in the State of California. She received her BS degree in Engineering from Harvey Mudd College and MS degree in Civil Engineering from Stanford University. Ms. Drenick spent nine years in structural design consulting prior to joining WoodWorks. Her experience covers a variety of building types, including residential, higher education, and retrofit of existing and historic structures. Ms. Drenick is passionate about sustainability and the use of wood as a building material to reduce the embodied carbon emissions of structures.

Denis Blount is an associate principal and acoustic and audiovisual consultant with Arup’s Seattle Office. His diverse background in engineering and music position him at the intersection of acoustics, technology and architectural design. Throughout his career, he has worked closely with the highest profile clients, architects, and engineers covering a wide range of building sectors. He has successfully lead multidisciplinary teams, with a common goal of innovation, integration and sustainable design excellence.

Eric McDonnell is principal and director of Mass Timber with Holmes. Prior to returning to Holmes as principal and director of Mass Timber, Eric worked with Holmes in Christchurch, NZ on the rebuild effort after the 2011 Canterbury earthquakes. As a native of the Pacific Northwest, he has a natural affinity for mass timber projects and thrives on helping realizing sustainable structural solutions. In Portland, he has led structural engineering efforts on the likes of the Rocky Mountain Institute Innovation Center, Framework, District Office, and the Adidas North American Headquarters Expansion. Eric has also been at the forefront of mass timber research in the United States, including participating in the NSF/NHERI Collaborative Research project to develop a Resilience-Based Seismic Design Methodology for Tall Wood Buildings.

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Moisture Management and Protection Strategies for Mass Timber Buildings

Thursday, January 25, 2024 | 12:00 - 2:00 pm CST

Tuition: \$159 per registrant
Credits: Professional Engineers: 2.0 PDHs | Architects: 2.0 HSW CE Hours
AIA: 2.0 LU | HSW | International Code Council: .2 CEUs (Building)

Agenda

- Mass Timber Construction Moisture Risks**
- Moisture Management Planning**

- Assembly Considerations and Risk Assessment**
- Mass timber design
- Moisture exposure level
- Moisture protection options
- Pairing appropriate protection to exposure

- Construction Phase Moisture Management Planning**
- Execution**

Faculty

Graham Finch, MASc, P.Eng *Principal, Senior Building Science Specialist*
Mr. Finch is a building science engineer who specializes in building enclosure design, risk management, research, and investigation work for new and existing buildings. Mr. Finch also works with building product manufacturers and other clients on product research and development, and the creation of various industry guidelines and training initiatives. Mr. Finch is directly involved with the majority of RDH’s mass timber and high-rise wood building projects and instrumental in leading industry research, risk management, and façade development for these new wood buildings. As a result of this experience, he is regularly invited by various organizations and clients to speak to the practical and technical issues of mass timber façade design and moisture management for mass timber buildings.

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