

HalfMoon Education Live Continuing Education Webinars

# Wood Frame Design for Residential and Small Commercial Buildings

Online - Tuesday, October 25, 2022 | 8:30 am - 4:30 pm CDT

**Credits:**

Professional Engineers: 6.5 PDHs

Architects: 6.5 HSW CE Hours      AIA: 6.5 LU|HSW

International Code Council: .65 CEUs (Building)

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### 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

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Recordings of this webinar are available for purchase. 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.

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### Presented by

**Vincent F. Fratinardo P.E. S.E. RRC** is a civil/structural engineer and roof consultant. His over 20 years of experience includes civil and structural engineering analysis, design, construction administration, field investigation, and project management, and 13 years of experience specific to forensic engineering and the investigation and analysis of building damage and failures. Mr. Fratinardo has designed numerous new buildings, building additions, building renovations, and mechanical platforms and supports. He has designed and analyzed roof, wall and floor framing systems utilizing steel, concrete, masonry, and wood construction. Mr. Fratinardo has vast expertise in commercial, industrial, agricultural, municipal, educational and residential building damage investigations, including on-site investigations after 25 different tornado events, and Hurricanes Irene, Sandy, Matthew, Harvey, Irma, Maria and Florence. He has legal experience in depositions, arbitration hearings and trials. He has prepared and performed numerous continuing education presentations, including on an array of topics in forensic engineering, structural engineering and building codes for HalfMoon Education Inc., in multiple states since 2014. Mr. Fratinardo graduated from Michigan State University with a bachelor of science degree in Civil Engineering, and he also holds a master of engineering degree in Civil Engineering from Texas A&M University. He is a registered professional engineer in multiple states and a licensed structural engineer in Illinois.

### Tuition

**\$319** for individual registration  
**\$289** for two or more registrants from the same company at the same time.

*Included with your registration: PDF seminar manual.*

### Credit Information

This webinar is open to the public and is designed to qualify for 6.5 PDHs for professional engineers and 6.5 HSW continuing education hours for licensed architects in all states.

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 6.5 LU/HSWs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .65 CEUs in the specialty area of Building (Preferred Provider No. 1232).

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