

HalfMoon Education Live Continuing Education Webinars

# Wood Frame and Cold-Formed Steel Frame Design and Construction

Online - Thursday, January 19, 2023 | 9:00 am - 4:30 pm CST

**Credits:**

Engineers: 6.5 PDHs

Architects: 6.5 HSW CE Hours

AIA: 6.5 HSW CE Hours

International Code Council: .65 CEUs (Building)

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### **Wood Frame Fundamentals for Residential and Small Commercial Buildings**

Short history of the development of conventional wood framing  
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-7 loads  
Project conception and material choices  
Performance design – commercial code  
Prescriptive design – residential code  
Code provisions for wind and seismic loads  
Floor framing  
Wall framing  
Roof framing  
Vertical load connections/anchorage  
Lateral load resistance/load path

### **Steel Frame Fundamentals for Residential and Small Commercial Buildings**

Short history of the development of cold-formed steel  
AISC specifications, codes and standards  
AISI Code of Standard Practice for Cold-Formed Steel Structural Framing  
Performance design – commercial code  
Prescriptive design – residential code  
Code provisions for wind and seismic loads  
Project conception and material choices  
Floor framing  
Wall framing  
Roof framing  
Vertical load connections/anchorage  
Lateral load resistance/load path

### **Presented by Eugene Brislin**

*Structural Engineer, Summerville, South Carolina*  
Mr. Brislin has been a professional engineer for 32 years and has designed many structures and performed many different types of analysis in that time. He has worked for a steel fabricator, an architectural/engineering firm and a seismic consultant and has been in private practice over 25 years. Mr. Brislin earned his BSCE degree from The Citadel in Charleston, South Carolina, and his MSCE degree from the University of South Carolina. He has completed all his course work for his PhD degree but has not completed his dissertation. Mr. Brislin's graduate study work has been in mathematical elasticity. He has worked on a wide variety of projects from arenas such as Gund Arena in Cleveland, Ohio, and the Edward Jones Arena in St. Louis, Missouri, to renovation and seismic retrofit of the South Carolina State House and the design of the Columbia South Carolina Museum of Art. Mr. Brislin has done stress analysis on weapons systems for the Department of Defense and has consulted on cellular telephone concealment projects. His company routinely provides design for residential structures due the high wind and seismic requirements in his local area and cold-formed steel design for small commercial structures and cold-formed steel shop drawings for larger structures.

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### **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.

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### **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).

### **Can't Attend? Order the Webinar as an On-Demand Package!**

Recordings of this webinar are available for purchase. See details online 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.