



08:00 AM [Welcome, Credits, and Certificates](#)

08:05 AM **Introduction to Prefabricated Fireproof Structural Columns**

Structural fire protection guards essential structural components from the devastating effects of fire. This course examines the various active and passive fireproof methods that are available with a focus on the features, types, and design considerations of prefabricated fireproof structural columns designed for exposed exterior and interior loadbearing columns.

Patricia Brindle

Fire-Trol Provider #: 10008964

AIA #:0001 HSW | GBCI (USGBC/CAGBC) #:0920026530

09:05 AM **Review of Session Code Process**

09:10 AM **Designing For Fire Safety**

When considering the building enclosure, fire safety is an important design factor and needs to be considered hand-in-hand with energy code requirements. By developing a better understanding of how the material and systems testing standards for fire safety can impact the overall design, architects and designers can confidently and freely design spaces that could save lives in the event of fire. This presentation will review common fire standards including NFPA 285 test standard. It will outline the criteria for compliance, as well as identify triggers and contributors under the different standards. Participants will review how the selection building components such as insulation, air/water resistive barriers, claddings finishes, can affect the fire performance of an assembly, and identify solutions and common paths for compliance.

Denise Alvera

Rockwool Provider #: K269

AIA #:RWNA210501 HSW

10:10 AM [Break](#)

10:20 AM **Sponsor: QWEB (Quebec Wood Export Bureau) - Eli Gould**

Eli graduated with one of the first dual Architecture/Forestry degrees from Yale in the early '90s, with a conviction that the two fields would eventually be more linked. After a quarter century, this seems more true and even mainstream, but for many years it was an entrepreneurial effort in the small vertical wood prefab companies he ran in Vermont, and in the automated timber industry where he often consulted. For the last three years, Eli has brought those experiences into a nonprofit market development role for QWEB.

When he's not trying to transform the AEC industry into a positive climate force he enjoys small town and organic farm life in Vermont with his family.

10:30 AM

Designing Low Voltage Technology Infrastructure Spaces

Modern environments such as classrooms, collaboration, meeting and board rooms have seen a transformation in both their overall layout and how they are being utilized, post pandemic. Low voltage systems, IT, AV, and building managements systems in the past were stand alone systems and this isolation between them caused issues for the users experience in a negative way. By working together on the early design phases, this will eliminate many challenges for designers and engineers planning a space layout. Audiovisual and data applications in various spaces will be covered, and the connectivity requirements associated with them for onsite and remote applications. This presentation will show how combining facility management, IT and AV teams on the usage of the spaces early in the process will enhance the user's experiences. A variety of ceiling, wall and floor boxes as cable management solutions will be addressed. The different features of these boxes will be covered, as well as UL requirements, electrical issues, the merging of technology aesthetics and developments in connectivity will also be discussed. Various connectivity and cable management solutions within tables and other furniture will be covered.

Glenn Collinge
FSR Inc Provider #: J721
AIA #:FSR 727 HSW

11:30 AM

An Architects Guide to Fire Rated Head-of-Wall Fire Joints

In this one-hour course, design professionals will gain knowledge of head-of-wall, bottom-of-wall and wall-to-wall assemblies, as well as the respective UL standards for approval, It will discuss different joint treatment types and the components involved with each application. By the end of the course, design professionals will be able to specify, install, and operate fire resistance joints and joint protection to ensure occupant safety.

Anthony M Stazzone
MarinoWare Provider #: J835
AIA #:MW003 HSW

12:30 PM

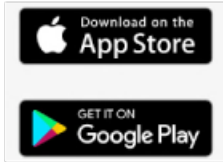
Fire-Retardant-Treated Wood in Today's Building Code

This session is a discussion of fire-retardant-treated wood's technical characteristics and building code-related applications. Emphasis is placed on the testing and labeling required by the International Building Code. The building code, as with many products, regulates the use of wood in construction. Two broad categories separate materials: combustible and noncombustible. Codes limit the applications of combustible materials on the basis of fire and life safety. The question is then, are there options available to using wood in lieu of a noncombustible material. Fire Retardant Treated Wood (FRTW) provides that option. Codes recognize FRTW for many applications where a noncombustible material is mandated.

Mike Eckhoff
Hoover Treated Wood Products Provider #: J583
AIA #:1FRTW HSW | GBCI (USGBC/CAGBC) #:920007678

01:30 PM

End



AIA
Continuing
Education
Provider

