



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

08:05 AM **Non-Combustible & NFPA 285 Tested Wood Aesthetic Technologies for Commercial Projects**

The look of “Wood” provides warmth in a building design that cannot be achieved by masonry, metals, glass or other building materials. Natural wood may not be an option for Class 1-3 (40'+) Commercial project due to combustibility, but newer composite and synthetic products replicate the look of natural wood and provide the fire performance required for Class 1-3 Commercial projects. They may also provide superior color retention and life-cycle performance while requiring little to no maintenance. This learning unit will provide an in-depth overview of “wood” design technologies that meet code requirements for Class 1-3 Construction.

Yancey Hughes  
Hughes & Associates Provider #: L161  
AIA #:GL NC 001 HSW | GBCI (USGBC/CAGBC) #:0920031927

09:05 AM [Review of Session Code Process](#)

09:10 AM [Break](#)

09:25 AM [Sponsor: Entre Prises \(EP\) Climbing - Courtney Gallagher](#)

09:40 AM **Vertical Material Handling Systems & Methods**

This course explores the various types of vertical material handling systems that are available; what kinds of end users and buildings reap the most benefits; and the wide range of objects that are transported vertically, between the floors of any structure. National code applications are also discussed.

Jean Dumitrescu  
Savaria Concord Lifts Provider #: 40107405  
AIA #:AIASAV40X HSW

10:40 AM **Sound Control Dynamics for Sustainable Construction**

In this one-hour course, design professionals will gain practical knowledge of the nature and characteristics of sound propagation and attenuation. We will show how that knowledge can be applied to the design of wall and floor/ceiling assemblies. We will discuss building code criteria and guidelines, including strategies to meet these requirements utilizing sustainable cellulosic fiberboard. By the end of this course, design professionals will be able to specify optimal sound control strategies that best fit each project's needs.

Chuck McPherson  
Homasote Provider #: J582  
AIA #:Soundatten27 HSW | GBCI (USGBC/CAGBC) #:0920033552

11:40 AM [Break](#)

11:55 AM

## **Designing Low Voltage Infrastructure for Technology 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 732 HSW

12:55 PM

## **The Benefits of 100% Offsite Fabricated Stainless Steel Railing Systems**

Explore the advantages of integrating 100% offsite fabrication into the design of the ornamental railing you specify in your architectural projects.

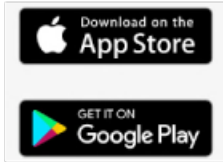
When compared to local fabrication, Offsite fabrication of custom-designed railing systems not only dramatically improves product quality, it also minimizes project waste, reduces product costs, and streamlines construction processes. *Offsite Fabrication = Value Engineering!*

In this presentation you will learn how architects, designers, and engineers can reduce overall project costs and improve project outcomes by specifying architectural products which have been custom-designed to precisely fit each project, and then prefabricated to completion offsite, while helping builders and contractors achieve greater efficiency.

Kevin Harris  
Kevin Harris is the Director of Sales & Marketing at AGS Stainless, Inc. (AGS), a railing manufacturer specializing in 100% offsite fabrication of custom railing systems. Before his position with AGS, Mr. Harris founded 4 industry-leading firms including 2 information technology firms; one specializing in the creation of web-based process management tools for Fortune 100 corporations and one that specialized in building predictive modeling applications for federal agencies. He also founded a real estate development firm that spearheaded the restoration and redevelopment of a historic seaport communities' downtown waterfront, as well as organizing and founding a state-chartered, community bank; which when it opened, was the fastest bank to receive a charter in the history of Washington State. Mr. Harris currently serves as Past Chair, of the American Institute of Architects National Custom Residential Architects Network (CRAN). He also serves as Past Co-chair, of the Board of Trustees for the National Association of Home Builders Leading Supplier's Council (NAHB LSC).  
AGS Stainless Inc. Provider #: 404108593  
AIA #:PRSV2 HSW

01:55 PM

End



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