



ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Commercial Building Solutions (Retail, Office,
Mixed-Use) - Central
Thursday, February 06, 2025



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

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

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

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

09:10 AM **Making Sense of Sealants**

Participants will learn about the different families of sealants and how to choose the correct product for each application.

Dan Garnett
Adfast Provider #: 404109250
AIA #:AdfSealants23 HSW | GBCI (USGBC/CAGBC) #:920025313

10:10 AM [Break](#)

10:30 AM **How It's Made: Today's PVC**

PVC products have been around for 100 years. They're common in the construction industry because of their durability and long life. But old PVC manufacturing practices still cause concern for some of today's specifiers. This course will address those concerns head-on. We'll talk about today's manufacturing processes and how recycling is transforming the industry. You'll see how PVC resin becomes a strong and beautiful product using the example of vinyl fencing. With the understanding of today's regulations, collaboration, and green-building practices, you'll have the confidence to specify today's PVC products.

Spencer Kelly
Oldcastle APG Provider #: J545
AIA #:TodaysVinyl27 HSW | GBCI (USGBC/CAGBC) #:920029469

11:30 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

12:30 PM

Break

12:45 PM

Luxury Landscape Design

This course will explore the increasing popularity of outdoor living, providing additional visuals to illustrate how to design a modern, healthy, and comfortable outdoor space. It aims to demonstrate methods for creating a seamless transition between indoor and outdoor environments, ensuring a harmonious blend. The course will also offer strategies for enjoying outdoor spaces throughout the year, regardless of weather conditions, emphasizing adaptability and comfort.

Bill Coble
Renson Inc Provider #: 40108139
AIA #:Outdoor_24 HSW

01:45 PM

Revolution in Solutions for Concrete Cure, Finish, Flatness and Moisture Control

This program explores the many uses of integrally troweled cure products to solve practical and common problems frequently occurring in buildings, roads and specialized industrial and municipal complexes. Such as moisture damage to floor coverings, control joint curling, delamination and abrasion resistance.

Tom Hollis
Green Umbrella Provider #: 40107769
AIA #:GURevCon23 HSW

02:45 PM

Energy Savings with Air Curtains

Air curtains create a seamless barrier of air over any door, window, or opening, offering significant energy savings to building owners and helping to maintain interior building temperatures. This course examines how air curtains reduce whole building energy consumption, provide thermal comfort, and maintain air quality even when a door is open. The basic principles and theory of how air curtains operate and how to properly identify applications and maximize the air curtain's energy savings potential are discussed in detail. Selection, application, and installation of the various types of air curtains are also explained.

Frank Cuaderno

Mars Air Systems Provider #: 10009399

AIA #: Marsair01 HSW

03:45 PM

End



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Provider