



ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Education Building Solutions - Central Time Zone
Wednesday, November 20, 2024



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

08:05 AM **PreFabricated Fireproof 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 load-bearing columns.

Patricia Brindle
Fire-Trol Provider #: 10008964
AIA #:USFT01 HSW | GBCI (USGBC/CAGBC) #:920029471

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

09:10 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

10:10 AM [Break](#)

10:20 AM [Sponsor: Lincora - Fred Lagace](#)

10:35 AM **Moisture Mitigation: Planning for Success**

This course will examine concrete slab moisture and how it will impact a flooring system. We will review how slab moisture originates, how that impacts the soundness of the flooring system, what failures may occur and how to address moisture issues. Concrete, moisture testing, substrate examination and systems that resist or control moisture will be reviewed. Participants will benefit from this instruction learning how to select moisture testing or mitigation systems and will be able to make the best decision on appropriate measure to manage slab moisture challenges for a successful, sustainable and sound flooring installation.

Shane Jenkins
HPS North America, Inc. - Schönox Provider #: 40107439
AIA #:AIACES4012023 HSW | GBCI (USGBC/CAGBC) #:0920012408

11:35 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

12:35 PM

[Break](#)

12:55 PM

[Sponsor: Entre Prises \(EP\) Climbing - Allison Osantowske](#)

01:10 PM

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

02:10 PM

Vinyl in Design: The Material for 21st Century Building & Construction

Vinyl is the most widely used plastic in building and construction. For modern buildings and infrastructure, the life-cycle multi-attributes solutions blend sustainability, wellness and resilience for people and their communities.

Jack Armstrong

Vinyl Institute Provider #: K012

AIA #:VID323 HSW | GBCI (USGBC/CAGBC) #:920027501

03:10 PM

[End](#)

