



ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Building Envelope Design Solutions - Central Time
Zone
Tuesday, December 10, 2024



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

08:05 AM **Sustainable Exterior Envelope**

This course focuses on the effect biological and physical agents have on the wood substrate of the exterior building envelope. After reviewing these agents, you will learn how proper installation and best building practices can limit the exposure these agents can pose to your project. Durable wood substrates will also be discussed with a comparison of popular man-made durability agents used to further protect the exterior envelope.

Ryan Jeffries
WindsorONE Provider #: T109
AIA #:ExtEnvelope23 HSW | GBCI (USGBC/CAGBC) #:920026001

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

09:10 AM **Building Façade Glazing: Key Installation Procedures & Considerations**

Participants will learn how to choose the appropriate silicone for use when designing and building curtain wall and store front sealant applications.

Dan Garnett
Adfast Provider #: 404109250
AIA #:AdfGlazing23 HSW | GBCI (USGBC/CAGBC) #:920026367

10:10 AM [Break](#)

10:30 AM **Wood Glazed Facades in Net-Zero and Passive Buildings**

Architects and LEED professionals understand the numerous benefits of building with wood. But, many are unaware of its application in a timber curtain wall (TCW). Today's technology provides opportunities to incorporate the beauty and energy-efficiency of wood into glazed facades that not only bring the outdoors in but also serve as the building's heavy lifter. This course will present the differences between a conventional curtain wall and a timber curtain wall (TCW) including load-bearing and non-load-bearing capabilities as well as net-zero and passive building. We will also show example of projects using TWC.

Sergiy Kholodov
Unicel Architectural Corp Provider #: 404109249
AIA #:Unicel5WGFNZ23 HSW | GBCI (USGBC/CAGBC) #:

11:30 AM **Understanding Wood Aesthetic Cladding and Soffit Technologies**

This learning unit will provide an in-depth overview of current "wood" design technologies natural and synthetic. - Identify current market "wood aesthetic" technologies - Understand the core materials of each technology - Understand the sustainable features and Life Cycle benefits for each technology based on the following criteria: Color Retention, Maintenance & Warranty - Describe the surface burning characteristics and explain how they can be specified to achieve code compliance - Installation Details - Budgetary Information

Yancey Hughes
Hughes & Associates Provider #: L161
AIA #:GL WPC 2023 HSW | GBCI (USGBC/CAGBC) #:

12:30 PM [Break](#)

12:50 PM [Commanditaire: Prestige Panel Solution - Sophie Lefebvre](#)

01:00 PM

Lath Selection & Specification to Enhance Stucco Performance

Explore alternative stucco lathing and stucco compositions while providing a review of advantages and disadvantages of the various lath products and compare lathing alternatives. In addition the course reviews the essential design details for stucco wall systems and identifies specific challenges of stucco wall systems while reviewing best practices and solutions. In addition Standards and Code compliance of various stucco lathing are explored.

Lola Wilson

Structa Wire Corporation Provider #: 40107137

AIA #:SW 100.1 HSW | GBCI (USGBC/CAGBC) #:

02:00 PM

Course

03:00 PM

End



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