



ATS CONTINUING EDUCATION
ONLINE_SEMINAR
High-End Residential Building - Central Time Zone
Wednesday, May 29, 2024



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

08:05 AM **The Importance of Space. Rainscreen Technology in Residential Building Design.**

This course explains the advantages to construction rainscreen wall assemblies. We explain the differences between direct applied, vented and ventilated wall system. How to be code compliant and the various material options on the market today to help create a healthy wall system in multi-family and single family residential homes. We also touch upon the benefits of building with rainscreen technology in the commercial building sector.

Keith Lolley
Advanced Building Products, Inc. Provider #: T055
AIA #:T2022 HSW | GBCI (USGBC/CAGBC) #:

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

09:10 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.

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

10:10 AM [Break](#)

10:20 AM [Sponsor: Prestige Panel Solution - Dave Pomerleau](#)

10:35 AM **The Design and Performance Advantages of Composite Shake, Shingles & Slate**

This course provides an overview of the characteristics and green features of composite shake, shingle and slate vs. alternative shake and slate options as well as a discussion of the relationship of composite shake, shingle, and slate to various green certification programs.

Amie Morrison
Enviroshake Provider #:
AIA #:ENV104 HSW | GBCI (USGBC/CAGBC) #:

11:35 AM **High-Performance Glass and Aluminum Building Envelopes**

This course provides a comprehensive understanding of the glass-aluminum building envelope featured in high-rise construction. We'll review the three main- types of curtain walls and the installation process for each. Design and functionality will be addressed specific to project objectives along with the environment-conscious benefits of using glass and aluminum. Lastly, the course will review how to avoid moisture, temperature, and other pitfalls and failures in curtain-wall installation.

Dmitry Avramenko
Alumin Techno (Alutech) Provider #: 404109291
AIA #:AluTech23 HSW | GBCI (USGBC/CAGBC) #:920027583

12:35 PM [Break](#)

12:45 PM

The Benefits of 100% Offsite Fabricated Stainless Steel Railing Systems

Explore the **advantages of integrating 100% offsite fabricated** and custom-designed stainless steel railing systems into your projects.

Due to its durability, recyclability, and resistance to the environment, stainless steel is the professionals' preferred choice offering longevity and low maintenance.

Offsite fabrication of architectural products streamlines construction processes, **improving** timelines, and **reducing** waste and costs while dramatically **increasing** product quality.

If that's one of your goals, *how can architects, engineers, and designers help their builders and general contractors succeed in this matter?*

To the greatest extent possible, specify architectural products that are fabricated 100% offsite (prefabricated), and delivered to the Jobsite ready-to-be-installed.

Discover a solution that redefines efficiency and design flexibility.

Kevin Harris

AGS Stainless Inc. Provider #: 404108593

AIA #: PRSv2 HSW | GBCI (USGBC/CAGBC) #:

01:45 PM

Western Red Cedar, Distinctive Sustainable Design

The Western Red Cedar Lumber Association (WRCLA) is a Non-Profit trade association that was established in 1954. We offer training to discerning users of WRC including the architect community. Western Red Cedar Distinctive Sustainable Designs is a one-hour, face-to-face training session developed for the architect community and provided by WRCLA qualified trainers. Through this one hour session, architects will increase their knowledge of WRC; its' properties and performance characteristics.

Paul Mackie

Western Red Cedar Lumber Assn (WRCLA) Provider #: G422

AIA #: WRCLA5 HSW | GBCI (USGBC/CAGBC) #: 0920029577

02:45 PM

End

