



ATS CONTINUING EDUCATION  
ONLINE\_SEMINAR  
Residential Building Solutions - Eastern Time  
Zone  
Tuesday, November 28, 2023



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

09:05 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.

Corbin Rinehart  
WindsorONE Provider #: T109  
AIA #:ExtEnv2020 HSW | GBCI (USGBC/CAGBC) #:920026001

10:05 AM [Review of Session Code Process](#)

10:10 AM **Luxury Landscape Design - Creating Outdoor Spaces with Smart Pergolas**

This course delves into the trend of integrating outdoor living, offering practical insights on creating a healthy and enjoyable outdoor space with louvred pergolas. It includes various images illustrating seamless indoor-outdoor integration. The aim is to share ways to enjoy outdoor areas year-round, regardless of weather, emphasizing important safety aspects and necessary certifications.

Bill Coble  
Renson Inc Provider #: 40108139  
AIA #:REN\_OUTDOOR\_21 HSW | GBCI (USGBC/CAGBC) #:

11:10 AM [Sponsor: OS Block - Tony Levesque](#)

11:20 AM [Break](#)

11:30 AM **Introduction to Vuelift Elevators**

This course is an introduction to Vuelift panoramic residential elevators and provides an overview of its features and design applications. This session will cover technical aspects and benefits of this type of elevator as well as applicable code and regulation requirements.

Christopher Baker  
Savaria Concord Lifts Provider #: 40107405  
AIA #:AIASAV301-2021 HSW | GBCI (USGBC/CAGBC) #:

12:30 PM **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

01:30 PM [Break](#)

01:50 PM

### **Biophilic Design for All: Affordable, Low-Maintenance Materials That Mimic Nature**

Most architects have heard about biophilic design and agree with the concept of bringing the outdoors inside. However, very few designers take purposeful steps to incorporate it into their plans. Designers may assume that biophilic design is expensive or high maintenance, reserved for only those high-end projects. One may assume that bringing nature inside is complicated and requires customization. An architect may assume that some projects don't warrant biophilia, like a warehouse. In this one-hour course, we'll address those assumptions that hold architects back. We'll introduce a simulated-wood product that mimics nature and delivers that positive human response. You'll see numerous design ideas and applications that exemplify economical and low maintenance solutions for any project type. At the end of the course, we think you'll agree that biophilic design is obtainable for any project and every occupant.

Kim Guimond

Modern Mill Provider #: 10009174

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

02:50 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.

Jay Poppe

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

AIA #:WRCLA5 HSW | GBCI (USGBC/CAGBC) #:920027450

03:50 PM

End



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