



**America  
Training  
Solutions**

ATS CONTINUING EDUCATION  
ONLINE\_SEMINAR  
Hot Topic - Building Envelope - Central Time Zone  
Wednesday, December 01, 2021



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

08:10 AM **Rigid Insulation Product Knowledge & Uses**

This course will review an in-depth breakdown of the current uses of rigid insulation in the construction industry. The attendees will learn more about the differences of rigid insulation products and the recommended uses of each product type. Discussion points to include the changes of the current energy codes and the requirements for the use of continuous insulation in the majority of future projects. The participant will be able to better evaluate their current building assemblies and understand the requirements that are dictated by current codes.

Lee Bybee  
Ox Engineered Products Provider #: 40107972  
AIA #: OXAIA401 HSW | GBCI (USGBC/CAGBC) #: 920011917

09:10 AM **Proactively Address Moisture in Roof Assemblies**

Moisture within roof assemblies, or the concern over such, has recently become a major focus of discussion for the design/build community due to project schedule delays and disruptions to businesses and institutions. Despite the disruption to projects this issue causes, there remains significant misunderstandings across the design build industry regarding product warranties, field moisture tests, and just how long it takes concrete "to dry". During this presentation, we will discuss common terms associated with concrete that are often misused and misunderstood. Further, the various sources of roof system moisture will be identified with clear recommendations given as to how the specifying professional can proactively address these sources through the construction documents.

Dean Craft  
ISE Logik Industries Provider #: 404108239  
AIA #: ISL03G HSW | GBCI (USGBC/CAGBC) #:

10:10 AM [Break](#)

10:20 AM [Sponsor: Timber Block - Curtis McCurry](#)

10:30 AM **Sustainable Exterior Envelope**

At the end of this course, participants will know how to increase the durability of wood products used on building exterior envelope, understand best installation practices and differences between popular wood treatment methods. This AIA continuing education program touches on these issues and more, helping you design an exterior envelope that is durable and healthy for the home.

Dave Rogers  
WindsorONE Provider #: T109  
AIA #: ExtEnv2020 HSW | GBCI (USGBC/CAGBC) #: 920012039

11:30 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 specifically 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 #:AluTech01 HSW | GBCI (USGBC/CAGBC) #:920021394

12:30 PM

Lunch

01:10 PM

## 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 #:GL2020CS HSW | GBCI (USGBC/CAGBC) #:

02:10 PM

End

