



07:45 AM [Registration & Continental Breakfast](#)

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

08:05 AM **Acetylated Wood: A Natural and Durable Choice for Siding, Decking, and More**

This course discusses the process of wood acetylation, the resulting changes to wood, applications for acetylated wood, its green credentials and several case studies involving acetylated wood.

Remy Torrico

Accsys Technologies - Titan Wood Inc. Provider #: K382

AIA #:AccoyaWood27 HSW | GBCI (USGBC/CAGBC) #:0920029700

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

09:10 AM **The Benefits of 100% Offsite Fabricated Stainless Steel Railing Systems**

Explore the advantages of integrating 100% offsite fabrication into the design of the ornamental railing you specify in your architectural projects.

When compared to local fabrication, Offsite fabrication of custom-designed railing systems not only dramatically improves product quality, it also minimizes project waste, reduces product costs, and streamlines construction processes. *Offsite Fabrication = Value Engineering!*

In this presentation you will learn how architects, designers, and engineers can reduce overall project costs and improve project outcomes by specifying architectural products which have been custom-designed to precisely fit each project, and then prefabricated to completion offsite, while helping builders and contractors achieve greater efficiency.

Milena Martinez Vega

Marketing Lead | Brand Strategist Milena Martinez Vega is a passionate professional with a deep understanding of prefabricated railing systems and the advantages offsite fabricated stainless steel railing systems bring to architectural projects. As former "amazonian", she served at Amazon Web Services (AWS) as a Project Manager in the Public Sector for Latin America, Caribbean and Canada Regions. Originally from Barcelona, Spain, Milena moved to the United States in 2009 in pursuit of her career aspirations. With a Keen eye for aesthetics and a passion for design, she joined AGS Stainless, a renowned manufacturer of custom-designed stainless steel railing systems, in 2014. Over the years, Milena's curiosity and enthusiasm have driven her to explore various roles within AGS Stainless, and currently serving as a Brand Strategist and Marketing Lead. Her attention to detail and commitment to excellence have earned her recognition within the organization.

AGS Stainless Inc. Provider #: 404108593

AIA #:PRSV2 HSW

10:10 AM [Break](#)

10:20 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, MBA

Adfast Provider #: 404109250

AIA #:AdfSealants23 HSW | GBCI (USGBC/CAGBC) #:920025313

11:20 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 #:ExtEnvelope23 HSW

12:20 PM

Lunch

01:00 PM

Maximizing Year-Round Enjoyment with the Louvered Roof Pergola

This comprehensive course focuses on revolutionizing outdoor living spaces through the strategic use of louvered roof pergolas and a curated selection of add-ons and accessories. Participants will gain the expertise to handpick and implement a spectrum of enhancements that serve a dual purpose: they will aesthetically enrich outdoor settings and amplify their functionality for year-round enjoyment. Accompanied by demonstrative images, this course offers immersive learning experiences, equipping attendees with the necessary skills to craft appealing and adaptable outdoor environments. Embrace the cutting-edge of outdoor design and comfort, and learn to create spaces that offer a seamless blend of beauty, innovation, and practicality.

Christopher Powell
Renson Inc Provider #: 40108139
AIA #:6 HSW

02:00 PM

Performance Criteria Considerations for Windows and Curtain Walls for Large Buildings

The most common and costly problems associated with the in-service performance of the vertical building envelope of large buildings are related primarily with excessive air leakage and water intrusion. In particular, windows and curtain walls, as well as their interface with the adjacent wall construction, are determining elements in the performance of the vertical building envelope. Improved standards and design principles have contributed in significantly improving the performance of window and curtain wall systems, whether it is with respect to resistance to water penetration, air leakage resistance, wind load resistance or condensation resistance. The reality, however, is that many buildings of recent construction are still experiencing problems with the in-service performance of installed window and curtain wall systems. Typically, these problems are often the result of poor installation, fabrication and lack of adequate quality control. This presentation shall focus on evaluating the laboratory and field performance of windows and curtain walls of large buildings 1) during the early stages of construction to validate as-built design and 2) during later construction stages as a quality control measure.

Fabian Zambrano
Lessard Group Provider #: A018
AIA #:LessardCW24 HSW

03:00 PM

Break

03:10 PM

Solving the Concrete Moisture Issue: Commercial, Environmental and Health Benefits of Impermeable Concrete and Permanent Impermeable Repair Materials

This Program addresses the impact of traditional & impermeable concrete inside & outside the building envelope. It discusses methods to improve durability and consequent sustainability of all concrete applications. It discusses the concrete industries' efforts to lower the carbon footprint. It provides a solution to moisture & flooring problems as well as water and damp-proof concrete. Techniques and materials used to permanently repair concrete are discussed.

Scott Bergsbaken
SPG (Specialty Products Group) Provider #: K540
AIA #:SPGVLMGK4041 HSW

04:10 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

05:10 PM

End

