



**America
Training
Solutions**

ATS CONTINUING EDUCATION SEMINAR
Houston, TX - Thursday, December 5th, 2019
Thursday, December 05, 2019
Norris Conference Centers - Houston/Westchase -
Sage Room
9990 Richmond Ave. , Ste 102 , Houston, TX
77042



07:45 AM **Registration & Breakfast**

08:00 AM **Moisture Management for Multi-Family, Mix-Use and Light Commercial**

Moisture damage contributes to 90% of all building and building material failures; making the management of moisture key to building longevity. The course will discuss the movement of moisture, cover some key design issues, a better and best solution for moisture control, and how to integrate moisture control with exterior continuous insulation. After the course participants will have more tools for wall detailing.

Learning Objectives:

- Describe how moisture impacts building durability and define the mechanics of moisture movement.
- Identify common design details that can cause issues for moisture management.
- Write better specifications for moisture control utilizing better and best methods and have ASTM standard to reference for flashing openings.
- Understand the integration of a moisture control layer with exterior continuous insulation.

Joseph Fong

Tamlyn Provider #: 40117877

AIA #:TAM2015 HSW | GBCI (USGBC/CAGBC) #:920017351

09:00 AM **Coating of Aluminum Extrusions 2018-2021**

Provides an overview of aluminum extrusion coatings and includes discussions on the aluminum extrusion process; a comparison of powder and liquid coatings; an overview of the chrome and the chrome-free pretreatment processes; and, the performance objectives of AAMA testing standards.

Taylor Coley

Barrette Outdoor Living Inc. Provider #: J696

AIA #:AG101 HSW | GBCI (USGBC/CAGBC) #:920017985

10:00 AM **Break**

10:15 AM **Single Ply Roofing Systems**

During this presentation, attendees will receive an introduction to the different material types, properties and characteristics of TPO, PVC and EPDM roofing membranes. They will gain a better understanding of the different system applications and performance characteristics. Upon completion of the class, attendees will be able to identify the flashing designs for the different roof assemblies available and have the ability to match system and installation methods when considering which system would best fit their design criteria.

Carly Rocco

Johns Manville Provider #: K022

AIA #:005 HSW | GBCI (USGBC/CAGBC) #:920014234

11:15 AM

Sintered Compact Surfaces for Building Facades - Neolith Facades

Materials used on building facades need to withstand many things, including water, wind, sunlight, and sometimes severe weather conditions. They also need to hold up to the effects of people who may inadvertently or even intentionally cause damage. Choosing a material to use for a facade is certainly influenced by the ability to hold up over time but also by the available size and weight, not to mention the appearance, of the material. Being able to install in a manner that is efficient and cost-effective usually rounds out the criteria for selecting a building material for building facades. There is one new product category that will be the focus of this course, namely sintered compact surfaces that can be used for curtain walls, rainscreens, siding applications, and other common wall systems for both residential and commercial buildings.

Gregory Lake

TheSize Surfaces USA LLC Provider #: 40108005

AIA #: Facade2020 HSW | GBCI (USGBC/CAGBC) #: 920015352

12:15 PM

Lunch

01:15 PM

Wood Products on Exterior Envelope - Solutions to assure Stability, Durability & Sustainability.

How do you increase the durability of your exterior envelope? What is considered today's best installation practices? What are the differences between popular wood treatment methods? Windsor Mill's AIA continuing education program touches on these issues and more, helping you design an exterior envelope that is durable and healthy for the home.

Jean-Christophe Gaudette

WindsorONE Provider #: T109

AIA #: WindsorExt1 HSW | GBCI (USGBC/CAGBC) #: 920012039

02:15 PM

Acetylated Wood: Durable, Stable, Sustainable Wood for Windows, Doors & Siding

Discusses the process of wood acetylation, the resulting changes to wood, applications for this product, its green credentials and a number of case studies involving acetylated wood

Daniel Trebelhorn

Accsys Technology - Titan Wood Inc. Provider #: K382

AIA #: K382 HSW | GBCI (USGBC/CAGBC) #: 920007705

03:15 PM

Break

03:30 PM

Working through the details: Storefront Vs. Curtain Wall

This course will explain the differences between storefront and curtain wall designs and functions while exploring the areas of performance, cost, and applications. This session will allow the participant to discover new materials and methods, reinforcing the design intent while enhancing the architectural viewpoint.

Jean-Christophe Gaudette

America Training Solutions Provider #: 406119285

AIA #: KRH-1 HSW | GBCI (USGBC/CAGBC) #: 920010541

04:30 PM

Vinyl & Aluminum Railing Systems

The architect will learn what aluminum and structural vinyl railing systems are, how they are used in the building industry as well as the differences between ADA compliant, building code compliant and building code approved railing systems. Attendees will also be educated on the aesthetics, maintenance, safety, and security of aluminum and structural vinyl railing systems.

Taylor Coley

Barrette Outdoor Living Inc. Provider #: J696

AIA #:ENDL8 HSW | GBCI (USGBC/CAGBC) #:

05:30 PM

[End of Program](#)



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