



**America
Training
Solutions**

ATS CONTINUING EDUCATION SEMINAR
Atlanta, GA - Wednesday, April 3rd, 2019
Wednesday, April 03, 2019
Hilton Garden Inn/Homewood Suites Atlanta
Midtown
97 10th Street , Atlanta, GA 30309



07:45 AM **Registration & Breakfast**

08:00 AM **Sound Control in Construction 18 old**

This course defines the importance of sound control in the building industry where proper design can help avoid Litigation & Remediation. We will discuss building code criteria including the International Building Code (IBC-1207) and the International Residential Code. We will Identify areas where sound control is necessary for wall & floor/ceiling assemblies. We will then offer an explanation of terminologies including: STC, IIC, NRC, Use Patterns and Flanking Sound. The mechanisms of sound transmission and its attenuation will be discussed including: Mass, Double Leaf Construction, Field Damped Mass, Decoupling, Unbalancing, Coincidence Effect and Sound Masking.

Chuck McPherson

Homasote Provider #: J582

AIA #:Soundatten18 HSW | GBCI (USGBC/CAGBC) #:920007666

09:00 AM **Roofing Insulation and Coverboards**

- Gain a better understanding of both high density and low density roofing insulation
- Review thermal resistance design along with dew point calculation.
- Comparative analysis of all primary low slope roofing insulations and coverboards.
- Tapered insulation overview and system design.

Dwight Stone

Johns Manville Provider #: K022

AIA #:005 HSW

10:00 AM **Break**

10:15 AM **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.

Bobby White

WindsorONE Provider #: T109

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

11:15 AM **Sintered Compact Surfaces for Building Facades - NeolithFacades**

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 it 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, rain screens, siding applications, and other common wall systems for both residential and commercial buildings.

Travis Conrad

TheSize Surfaces USA LLC Provider #: 40108005

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

12:15 PM **Lunch**

01:15 PM

Specifying The Right Door For Your Large-Access Assembly

Trains, planes, and automobiles. Rescue, retail, restaurant, and even religion. Almost every industry needs a building with large access. Whether you're parking a plane, racing to a fire, or unloading inventory, the design and functionality of the building's large access can greatly impact its end-users and the business.

Michael Peters

Jewers Provider #:

AIA #:ATS-2019J HSW

02:15 PM

Break

02:30 PM

Specialty Doors for Healthcare Design

Specialty door and frame assemblies have been developed that are designed specifically for the built healthcare environment where performance criteria are critical. Reviewed in this course are specialty door and frame assemblies that meet the challenges of infection prevention, building cleanliness, patient privacy, and increased security, as well as containment of radio wave and radiation interference in hospitals and clinics.

Patrick Manning

Ambico Ltd. Provider #: J834

AIA #:AMB019 HSW | GBCI (USGBC/CAGBC) #:920016018

03:30 PM

End of Program



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