



ATS CONTINUING EDUCATION SEMINAR
Minneapolis, MN - Tuesday, May 28th, 2019
Tuesday, May 28, 2019
Hilton Garden Inn Minneapolis
1101 4th Avenue South, , Minneapolis/St-Paul,
MN 55403



07:45 AM **Registration & Breakfast**

08:00 AM **Spray Foam in Commercial Design**

Participants of this course will learn about the types of polyurethane spray foams in the market and how they can be incorporated into commercial construction projects to create high performance building. · Participants can describe the effect of the building code on spray foam insulation. · Participants can describe the effect of spray foam on the indoor environment. · Participants can explain the impact of spray foam on a building's energy performance. · Participants can explain the life cycle analysis of spray foam and payback periods.

Thomas Harris

Huntsman Building Solutions Provider #: J593

AIA #:SPF201 HSW | GBCI (USGBC/CAGBC) #:920010268

09:00 AM **Sustainable Rim Technology in Solid State Skylights**

Technical Advances in the development of sustainable products for moisture protection in roofing applications and how these advances apply to health, safety and welfare. Will cover the use of RIM Technology in skylight design, solving the problem of leaks and fall protection.

Art Valentz

PHP Systems Design Provider #: J490

AIA #:AIAPHP204 HSW | GBCI (USGBC/CAGBC) #:920007669

10:00 AM **Break**

10:15 AM **Ethics and the Environment: Understanding the Architect's Intent, Process, and the Impact on Others**

The topic of ethics has never been more prevalent for today's architects, especially in our obligation to the environment. With new data constantly published about the human toll on today's world, the construction industry must take purposeful steps to not only reduce the environmental impact in the building process but also promote a sustainable design that will last for generations.

This one-hour presentation will review the AIA Code of Ethics including the obligations to the environment. We'll discuss how our intent, the design and building process, and all impacted stakeholders should be considered to meet our ethical obligations. Five key areas will be addressed including energy, water, materials, ecosystem, and climate change. We'll have an open discussion about the influences that affect our decisions in these five areas and how considering our intent, process, and those involved can shape our own code of ethics.

Jenn Furr

America Training Solutions Provider #: 406119285

AIA #:ATS-Ethics HSW | GBCI (USGBC/CAGBC) #:920019370

11:15 AM **Sintered Compact Surfaces Basics: Design, Application & Sustainability - Neolith01**

Materials used on exterior and interior surfaces need to withstand many elements, including water, scratched, high temperatures, UV, wind, etc. Choosing a material is certainly influenced by the ability to hold up over time but also by the available size and weight, maintenance, hygiene, bending properties, recyclability, VOC, not to mention the appearance and efficient and cost-effective installation. There is one new product category that will be the focus of this course, namely Sintered Compact Surfaces that can be used for a wide variety of application interior and exterior from countertops to curtain walls applications in both residential and commercial buildings.

Tom Ozzello

TheSize Surfaces USA LLC Provider #: 40108005

AIA #:Basics2020 HSW | GBCI (USGBC/CAGBC) #:920013572

12:15 PM Lunch Sponsored by Dizal

01:15 PM **The Solar Ready Roof: Optimize the Design**

In this one hour course, you will learn about solar system basics including terminology, the various components of a solar system and ideal times for system review. We will discuss various roof applications and conclude by learning about optimized solar design.

Shelly Higgins

S-5! Attachment Solutions Provider #: 40107851

AIA #:MRIL1411 HSW | GBCI (USGBC/CAGBC) #:920007633

02:15 PM **Managing Condensation and Thermal Performance with Continuous Insulation**

Building codes and green building standards are continuing to raise the bar on energy efficiency and high performance in buildings. In wood-framed buildings designing for thermal and moisture management in wall cavities, as well as the air tightness of the building enclosure, are all core components to creating advanced building enclosures. This presentation will discuss the need for exterior insulation to manage heat transfer and reduce condensation in exterior walls by providing step-by-step examples of how to determine the amount of continuous insulation required to meet prescriptive code requirements depending on climate zone.

Brad Keogh

Huber Engineered Woods Provider #: K094

AIA #:HEW 503 HSW | GBCI (USGBC/CAGBC) #:920012802

03:15 PM Break

03:30 PM **Wood Products on Exterior Envelope - Solutions to assure Stability, Durability & Sustainability.**

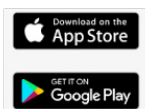
How do you increase the durability of your exterior envelope? What is considered today's best installation practices? What are the differences between popular wood treatment methods? Windsor Mill's AIA continuing education program touches on these issues and more, helping you design an exterior envelope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

Devin Darnell

WindsorONE Provider #: T109

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

04:30 PM End of Program



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