



07:45 AM [Welcome, Credits, and Certificates](#)

08:10 AM **Acoustic Doors and Green Design**

Sound transmission control is an issue that should be addressed in the design of any building. Acoustic comfort is part of providing an amenable interior space, and it requires having the proper level and quality of sound to utilize a space as planned. This course looks at the components, features, and the role of acoustic door assemblies in occupant comfort in both workplace and school environments.

Steve Peterman

Ambico Ltd. Provider #: J834

AIA #:AMB013-01 HSW | GBCI (USGBC/CAGBC) #:920014407

09:10 AM **Adhered Manufacture Stone Veneer – Manufacturing & Installation Process**

This program provides an overview of the manufacturing process, features and types of stone veneer products, including a discussion of the installation and design considerations to facilitate a successful installation.

Tonya Owen

Coronado Stone Products Provider #: J660

AIA #:CORO02 HSW

10:10 AM [Break](#)

10:30 AM **Understanding Material Hazard, Exposure and Risk in the Built Environment**

Product and materials selection is a critical aspect of the building design and construction process. A variety of factors drive materials selection decisions, including sustainability, health and wellness issues like indoor air quality, and the desire for innovative, functional, state-of-the-art building spaces that meet 21st century needs.

Learning Objectives:

- 1) Understand the differences between hazard, exposure, and risk in terms of chemical ingredients and materials selection
- 2) Recognize the limitations of hazard-only thinking when selecting building materials
- 3) Understand how to make comparisons of products based on ingredients, performance, cost and life cycle impacts
- 4) Identify the tools available to evaluate the safety of building products and materials

Jack Armstrong

American Chemistry Council (ACC) Provider #: 50111254

AIA #:ACC301 HSW | GBCI (USGBC/CAGBC) #:920019969

11:30 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.

Travis Conrad

TheSize Surfaces USA LLC Provider #: 40108005

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

12:30 PM

Lunch

01:10 PM

Sliding Fire Doors in an Egress Path

This course outlines the multiple ways in which sliding fire doors may be used to create open-concept designs while maintaining fire code compliance and life safety requirements. It will also cover Value Engineering uses of this product type. The information will be primarily shared through case studies of how architects have utilized the product in a multitude of projects since 1977 when the building codes first accepted the doors for use. Local fire code references, NYC code references, and the basic differences between Fire Walls, Barriers, and Partitions will be provided.

David Larsen

WonDoor Corporation Provider #: j498

AIA #:0wdfg1 HSW

02:10 PM

Specifications Strategies to Eliminate Concrete Moisture

In many projects, installation of floor finishes is one of the items to occur prior to substantial completion. However, 09 flooring specification sections require moisture testing before flooring can be installed on concrete slabs. When those moisture tests fail, the project faces time delays, unexpected costs, or both. During this presentation, we will: (1) give significant discussion to the importance of design intent and how losing focus on what the owner expects can lead to catastrophic consequences (2) examine several misconceptions associated with field moisture testing and project owner and design team liability associated with concrete moisture induces flooring failure; and (3) we will give clear recommendations as to how the specifying professional can eliminate concrete moisture as a project delivery issue while simultaneously protecting the project owner and design team from project delivery delays/cost overruns and future failed flooring.

Dean Craft

ISE Logik Industries Provider #: 404108239

AIA #:ISL03H HSW

03:10 PM

Break

03:20 PM

Elevator Technology

With urbanization on the rise, the vertical transportation industry is challenged more than ever to provide eco-efficient, cost-saving, and space-saving solutions. This session will cover the history of elevator technology and compare conventional applications with today's technological advancements, enabling attendees to critique the risks and disadvantages of dated technology and identify the advantages of newer technology. In particular, attendees will learn about both recent developments and future trends concerning machine-room-less (MRL) elevators. The presentation will address design benefits, installation and ownership costs, and LEED contributions.

Adam Bray

Kone Inc. Provider #: J575

AIA #:Kone0001_A2 HSW | GBCI (USGBC/CAGBC) #:920007673

04:20 PM

Escalator Technology

This presentation explores the basics of escalator design, and the essential design and code criteria to keep in mind when integrating escalators into the overall people flow solution for a particular project. The presentation will specifically discuss the idiosyncrasies of escalator space planning, and how to match project performance needs with specific escalator "types" and features. It will also take a deeper dive into how an escalator works, the basic operating components, and how this might impact specifications. Finally, the topic of replacing old existing escalators in existing buildings is touched upon, particularly how to select the "right" solution from the variety of replacement options that are available to building owners today.

Adam Bray

Kone Inc. Provider #: J575

AIA #:KONE0002-19 HSW

05:20 PM

End

