



ATS CONTINUING EDUCATION SEMINAR
Mixed Topics - Live In-Person - Minneapolis, MN
Tuesday, March 22, 2022
McCormick & Schmick's Seafood & Steaks
3203 Galleria , Edina,, MN 55435



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

08:05 AM **Get Inspired! Design Smarter, Safer, and Greener with Innovation in Wood-Fram... Construction**

Wood is a frequently overlooked building material for light-medium-commercial construction including mid-rise, multi-family, and mixed-use projects. This course features several North American examples that highlight the surprising capabilities of this natural resource. Many architects, engineers, and project owners often default to steel and concrete instead of wood for wall, floor, and roof assemblies.

This course outlines:

- common misconceptions and capabilities of code-approved wood applications.
- the environmental and structural benefits of this sustainable natural resource.
- the virtues of wood when engineered for pre-cut and pre-assembled components.
- how wood applications integrate with building codes, construction techniques, and technical support.
- how choosing wood first contributes to on-time and on-schedule projects with significant cost savings.

Andrew Dingman
LAMCO Forest Products Provider #:
AIA #:QWEB01 HSW | GBCI (USGBC/CAGBC) #:920014585

09:05 AM **Review of Session Code Process**

09:10 AM **Stone Designs**

Participants will learn about calcium silicate masonry unit composition and properties and how they influence design decisions; proper masonry detailing techniques; movement joint requirements when using different building materials; at grade design options, overall design versatility of full bed stone, review examples of designs in stone.

Gene Slavens
General Shale Brick / Arriscraft Provider #: J382
AIA #:SD2 HSW

10:10 AM [Break](#)

10:20 AM [Commanditaire: LAMCO Forest Products - Andrew Dingman](#)

10:30 AM

Ethics and the Environment: An Architect's Intent, Process, and Path to Net Zero - (2 hours)

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-Ethics2 HSW | GBCI (USGBC/CAGBC) #:920025482

12:30 PM

Lunch

01:15 PM

Eliminating Concrete Moisture through Sustainable Design

Few aspects of the design process are conducted in "silos" as disassociated from one another as how many projects approach interior concrete slab specifications and subsequent flooring specification sections. This is not done intentionally, rather it is by-product of lack of coordination, and fundamental misunderstanding, between those involved with the structural elements and those involved with the aesthetic and finishing elements. During this presentation, we will discuss sustainability and what it means; drawing the attendee into a clear discussion of how sustainability relates to LEED, Lean Construction, Green Building, and process improvement. Inconsistencies with current specification processes related to concrete moisture as compared to the tenets of sustainability will be exposed, with clear recommendations given as to how the specifying professional can resolve those disconnects.

Dean Craft

ISE Logik Industries Provider #: 404108239

AIA #:ISL03K HSW

02:15 PM

Magnesium Oxide (MgO) Floor Panels for Multifamily Buildings

A streamlined approach to achieve better acoustics and fire resistance

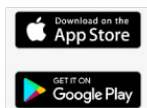
Brian Shores

Huber Engineered Woods Provider #: K094

AIA #:HEW 302 HSW

03:15 PM

End



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