



MANUFACTURERS RESERVE SUPPLY PRESENTS

# ARCHITECTS LEARNING DAY

ALL DAY TRAINING - 8 LEARNING UNITS IN ONE DAY AIA/CES, LU & HSW

**DATE:** Tuesday, October 10, 2023

**LOCATION:** Chart House - Weehawken

1700 Harbor Blvd, Weehawken, NJ 07086

**TIME:** 7:30 am - 4:00 pm

**COST:** Free (Parking included)



**Approved  
Continuing  
Education**

## Presented by Registered AIA Providers

Catered breakfast and lunch will be served.  
This event is free to architects, designers or specifiers.

REGISTRATION REQUIRED: [mrslumber.com/our-events/2023-aia](https://mrslumber.com/our-events/2023-aia)

## COURSE DESCRIPTIONS

### LATEST DEVELOPMENTS IN WOOD ALTERNATIVE DECKING

**AIA Course Number:** TrexDeck1, 1.0 LU/HSW

Learn about wood-alternative decking materials and how they differ from one another, as well as traditional wood. This course will give insight on how decking materials have evolved over time and what's currently available to architects and specifiers to use in their designs.

### BUILDING SUSTAINABLY WITH FIBER CEMENT SIDING

**AIA Course Number:** IJH071, 1.0 LU/HSW

Cladding protects the building envelope and building occupants from the weather, while also defining the aesthetic of the building. A challenge for specifiers is to choose cladding that is environmentally sensitive over their entire lifespans. Such goals not only require a sustainable product but one that also has the flexibility to function in a broad range of climate zones as well as offer expansive design options. This course explores the ways in which fiber cement cladding is able to fulfill these demands for commercial and residential buildings throughout various climate zones.

### THE IMPORTANCE OF SPACE - RAINSCREEN TECHNOLOGY IN RESIDENTIAL BUILDING DESIGN

**AIA Course Number:** T02022, 1.0 LU/HSW

#### LEARNING OBJECTIVES:

- To better understand the term rainscreen and how it applies to residential wall applications
- Identify the hazards and risks caused by moisture intrusion
- Understand the various sources of moisture and how they enter wall systems
- Explore how utilizing rainscreen technology greatly increases the durability of residential wall construction and reduces risk.

*Course descriptions are continued on next page*

# COURSE DESCRIPTIONS

## AESTHETICS, DURABILITY, SUSTAINABILITY OF EXTRUDED ALUMINUM TRIM

AIA Course Number: Tamlyn\_XT2, 1.0 LU/HSW

“God is in the details”, one of several iconic phrases from Mies van der Rohe, which continues to haunt architects. Details are where architects can and do make a difference, and with today’s focus on green materials, detailing needs to meet architectural design, aesthetic and sustainability requirements. Specifying extruded aluminum trim for use with various materials is one instance where a knowledge of detailing can contribute to both.

## COMPOSITE STONE AND THE EVOLVING EXTERIOR STONE CATEGORY

AIA Course Number: TandoStone01, 1.0 LU/HSW

This course will provide an overview of stone cladding in exterior construction. Specifically, an in depth look at the characteristics, features and benefits of the Composite Stone Category. A variety of factors in the market, including shortages of skilled labor and rising material costs, can have a negative impact on construction projects. Specifying products like composite stone, can help circumvent these challenges and allows the projects to remain on time and on budget.

## EVOLUTION OF WRBs: SELECTING THE RIGHT PROTECTION FOR YOUR PROJECT

AIA Course Number: EVOL-WRB, 1.0 LU/HSW

Evolution of exterior wall design and construction, along with increasing demands for occupant comfort, indoor air quality and energy efficiency have led to increasingly complex design and construction requirements. This course reviews weather-resistive barrier evolution and design options for residential and light commercial exterior wall assemblies to ensure long term stability, code compliance, and occupant health, safety, and welfare.

## WESTERN RED CEDAR & YELLOW CEDAR SHAKES & SHINGLES: IDENTIFICATION, APPLICATION & BENEFITS

AIA Course Number: CSSB-01, 2.0 LU/HSW

The Western Red Cedar & Yellow Cedar Shakes & Shingles: Identification, Application & Benefits course enhances product knowledge and architectural expertise. In just two hours, participants will gain the skills needed to design accurate replications and make informed decisions about cedar roofing and sidewall products for various projects. By the end of this seminar, participants will be able to:

1. Specify cedar roofing and sidewall products effectively, matching materials to specific project requirements.
2. Accurately assess variable costs associated with cedar roofing and sidewall products.
3. Provide essential project approvals and distinguish between proper and improper installations.
4. Comprehend the numerous desirable characteristics of Western Red Cedar and Yellow Cedar shingles/shakes.

## SPONSORS



Hosted by Manufacturers Reserve Supply

Distributor of Quality Building Materials since 1931 [www.mrslumber.com](http://www.mrslumber.com)

For more info on this event: [events@mrslumber.com](mailto:events@mrslumber.com)