



# **LUNCH 'N LEARN**

MWA offers a variety of innovative in-person lunch and learn topics to best fit your educational interests! Our list of subjects is always changing to represent the updates we see in code, products, and building envelope solutions. If you would prefer, we can dive deep into any of these topics with a product knowledge session. We would appreciate the opportunity to visit with your team and talk more about what MWA Commercial Roofing Solutions can do for you!

## OPTIMIZED INSULATION- [OPINSUL] Credit provided by Elevate 1 AIA LU/HSW

This course covers the purpose of insulation; current code and environmental issues; the function & different types of roof insulations; compares performance of different types; layout and attachment methods; condensation issues and tapered insulation.

### SINGLE-PLY ROOF MEMBRANES- [RFGSPLY1] Credit provided by Elevate 1 AIA LU/HSW

A Level 1 Single-Ply Roof Covers presentation that will review benefits, differences between membranes and the major differences between seaming methods. Along with the attachment methods.

## IT'S IN THE DETAILS- [RFGDETAILS] Credit provided by Elevate 1 AIA LU/HSW

This program discusses the most common details that must be addressed in any roof design, while exploring the basic concepts involved in both single ply and asphalt roof system details. We'll also take a look at a number of examples of what not to do when it comes to detailing your roof, as well as exploring benefits of liquid-applied flashing solutions.

## ARCHITECTURAL METAL ROOFING- [RFGMTL] Credit provided by Elevate 1 AIA LU/HSW

This course provides an overview of the types of architectural steep-slope metal roofing systems, metal types and finish types, system selection, substrates and fastening methods.



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### TAPERED INSULATION-Credit provided by Elevate 1 AIA LU/HSW

In this presentation you will learn what tapered insulation is and how it is used in the commercial roofing industry. We will cover how different tapered design methods impact roof design, how, where, and why to include saddles/crickets in a tapered insulation system. By the end of this presentation you will have learned many practical tips for specifying and designing efficient and effective tapered insulation systems.

#### LOW-SLOPE ROOFING WARRANTIES- [RFGWARR] Credit provided by Elevate 1 AIA LU/HSW

This course explains the different types of low-slope roofing warranties. Clarifies normal exclusions. Illuminates the responsibilities of the manufacturer and owner. Utilizes case study examples to illustrate warrantable and non-warrantable conditions.

# UNDERSTANDING THERMOPLASTICS- [RFGTPOPVC] WHY TPO AND PVC ARE WINNING ON THE ROOFTOP Credit provided by Elevate 1 AIA LU/HSW

This presentation discusses the most widely utilized commercial roof cover technology – thermoplastic membranes, with a core focus on TPO and PVC applications. Similarities and differences in the production, installation, and performance of thermoplastic roofing membranes will be explored. The presenter will also note the advantages of viewing a roofing assembly as a "system," instead of just a membrane and its accessories, and provide guidance on how to choose the appropriate roofing system for a given building.

### BENEFITS OF A RIGID COVER BOARD IN COMMERCIAL ROOFING SYSTEMS

Credit provided by Georgia Pacific DensDeck 1 AIA LU/HSW

The objective is to gain a better understanding of the value rigid cover boards deliver to commercial roof assemblies, how they perform in adverse conditions and bring clarity to the characteristics of each major type of board.





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### KSA-1 COLD LIQUID APPLIED ROOFING & WATERPROOFING SYSTEMS-

Credit provided by Kemper System America
1.50A1A LUU/HSWION THROUGH BUILDING DESIGN

History of fully reinforced, cold-fluid applied, liquid resin waterproofing membranes. Technology - composite of resin and reinforcement. Understanding system components. Application process, performance benefits, range of applications. Project examples including detailing and various assemblies.

### LOSS MITIGATION THROUGH BUILDING DESIGN Credit provided by Hickman Edge Systems 1.5 AIA LU/HSW

The rise in natural disaster events has led to insurance claims in the billions of dollars, and most importantly, loss of life. This trend has prompted standards such as E-S1 and GT-1 to be added to international building code, but what else can be done to mitigate risk? Through this course, learn about how specifying the roof edge is the single most cost-effective enhancement for wind uplift on a commercial roof and how you can help mitigate risk and protect lives through design.

### INNOVATIONS IN RAINSCREEN SURFACES & MOUNTING Credit provided by Elemex Architectural Facade Systems 1 AIA LU/HSW

Learn about stylish facades incorporating pressure equalized rainscreens. ACM, aluminum plate, PV, sintered ceramic, and natural stone provide design options to satisfy any . Sintered ceramic systems featuring exceptionally durable sintered ceramic panels that are non-combustible, UV resistant, climate defiant and graffiti proof. Bring function and design together - transforming panels into integrated facade systems.



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### BUILDING OWNER'S DUTY TO PROVIDE FALL PROTECTION WHAT DOES IT MEAN?-

Credit Provided by Diversified Fall Protection 1 AIA HSW/LU

In 2017, OSHA updated Subpart D of the Walking Working Surface Standard, and established "the Owner's Duty to Provide Fall Protection." What does this mean for building owners and employers? What does it mean for architects? While a project is in the design phase, we have many opportunities to ensure compliance with worker safety regulations. This is preferred to retrofitting the required equipment into the building after the owner takes possession. Architects, engineers, specifiers, and other members of the design community are more likely to save their clients the future headaches of non-compliance and retrofit if they can see the legal requirements applied to real building plans. In this course, we'll do just that!

# SOLAR FACADES: UNDERSTANDING BUILDING INTEGRATED PHOTOVOLTAICS AND PRESSURE-EQUALIZED RAINSCREENS Credit provided by Elemex Architectural Facade Systems 1 AIA LU/HSW

Understanding high efficiency building integrated photovoltaics that are engineered to be weather-resistant and lightweight. Each large-format, code-compliant panel generates up to 16.9 W/sq.ft., reducing your building's dependence on fossil fuels, earning LEED credits, and generating savings that cover installation costs within 10-12 years. Can be seamlessly integrated with other rainscreen products, to provide an unlimited range of design possibilities.

#### **MWA SERVICES- NOT ACCREDITED**

Learn about our MWA products and services. Topics can be broad or specifically tailored to a project or product. Learn how we can be your resource for all roofing, waterproofing, and fall protection needs.

