

Modernista House
Innova Eco Building System



Innova Eco Building System is the sponsor for the following course. The course is complimentary to all designers.

Designing with MgO Structural Insulated Panels

NEW: 05-26-2017 | Course No: IEBS0701-W | Narration: No | Videos: No | In this course, the design professional will discover how High-performance MgO Insulated Structural panels are a part of an energy-efficiency design strategy that can improve energy efficiency and performance with small to medium size projects. Designers will also learn about the unique properties of SIPs such as high fire ratings, greater R-Values and superior structural integrity that make the system out perform traditional building methods. In learning these things designers will take away the knowledge that not only are SIPs a strong, environmentally friendly building material, but also a cost effective way to build.

Access Course IEBS0701-W: 1 Learning Unit/Hour/HSW

[Start Course Now](#)

Promat

www.promat-international.com
http://promat.us/
www.promat-spray.com



Promat LLC. is the sponsor for the following course. The course is complimentary to all designers.

PASSIVE FIRE PROTECTION - Underwriters Testing Procedures, Design Classifications and Code

Narration: Yes | The scope of the presentation includes Sprayed Fire Resistance Materials or SFRM, Spec Section 07 81 00 and Thin Film Fire Resistance Materials, Spec section 07 81 23. SFRM or Passive Fire Protection Components vs Fire Sprinklers which are active Fire Protection Components. They need to be activated by elevated temperatures due to fire.

Access Course PF0702-W: 1 Learning Unit/Hour/HSW

[Start Course Now](#)

DragonBoard USA is the sponsor for the following course. The course is complimentary to all designers.



Combat Mold, Improve Indoor Air Quality and Specify MgO Products

NEW: 11-22-2016 | Course No: DB0602-W | Narration: No | Provides an overview of Indoor Air Quality, along with a discussion on IAQ health issues associated with Mold and Fungus. The program looks at the causes of Mold and Fungus in today's structures and examines how specifying MgO products is a great alternative solution to dealing with Mold and Fungus.

Access Course DB0602-W: 1 Learning Unit/Hour/ HSW

[Start Course Now](#)



Arkema Inc. is the sponsor for the following course. The course is complimentary to all designers.

Resin-Based Coatings for Metal

NEW: 03-16-2015 | Course No: AK0905-W | Narration: Yes | There are many kinds of resin-based coatings for metal, and two primary application techniques. In this course each of these coatings and application techniques are described and illustrated, along with important information on why these coatings fail and how the performance of these coatings is measured. The primary goal of this course is to provide architects and others who work with resin-based coatings for metal with the information they need to ensure that the coated product will perform as expected and provide a durable and long-lasting finish.

Access Course AK0905-W: 1 Learning Unit/Hour/ HSW

[**Start Course Now**](#)

[**Request Info**](#)



Arkema Inc. is the sponsor for the following course. The course is complimentary to all designers.

Water-based PVDF Coatings for Sustainable Design

NEW: 03-17-2015 | Course No: AK0906-W | Narration: Yes | This course provides an overview of the basics of water-based PVDF coatings and how they help attain sustainability goals. The course begins with a brief description of the components of a weatherable coating, and describes the function of each. Because of its critical role in the weatherability and sustainability properties of water-based PVDF coatings, the chemistry of the carbon-fluoride bond is also described. The unique properties of this technology improve the water penetration into the building envelope improving the safety and welfare of the building and its end users.

Access Course AK0906-W: 1 Learning Unit/Hour/ HSW

[**Start Course Now**](#)

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AIA Architect

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Education continues to evolve, and the projects from this year's Education Facility Design Awards program—presented by AIA and the Committee on Architecture for Education—represent the state-of-the-art learning environments being developed in today's learning spaces.

[View all recipients >](#)

2017 I Look Up Film Challenge winner announced



The 2017 I Look Up Film Challenge's grand prize has been awarded to "Community by Design: Skid Row Housing Trust." Featuring Michael Maltzan Architecture and Brooks + Scarpa and filmed in Los Angeles, the film highlights the power of design in improving the lives of those experiencing homelessness.

[Watch the film >](#)

Member benefit spotlight

AIAU offers around-the-clock access to a continuously changing catalog of more than 160 curated continuing education courses on a wide range of topics. Members receive a discount on individual courses and can add an additional 15% discount when purchasing four or more courses at one time.

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[Cast your vote by October 6](#)

More than 80 short films were submitted to this year's challenge, and 60 qualify to win the People's Choice Award. Watch, vote, and share your favorite film.

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[How health factors into green building rating systems: Living Building Challenge](#)

The second in a series on green building rating systems and human health examines the International Living Future Institute's comprehensive certification.

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Architecture Billings Index (ABI)

August 2017

53.7 ↑

ABI increases in August

A score above 50 indicates a growth in firm billings.

[Firms across the country see billings growth](#)

Architecture firm billings increased for the seventh consecutive month in August, as more firms reported improving business conditions than in July.

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[Limiting moisture ingress into low slope roofing systems](#)

How concerned are you about future moisture ingress into your roofing system? The executive director of building and roofing science for AIA partner GAF offers advice to help you design your roof with moisture in mind.

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November 16

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[Building Resilience: Expanding the Concept of Sustainability](#)

This course considers traditional wood framing and mass timber systems in the context of resilience, including performance during and after earthquakes, hurricanes and other disasters, as well as the relevance of wood's light carbon footprint and low embodied energy.

▶ Online Course 

 AIA: 1 LU/HSW, GBCI: 1
CE Hour

 Free


Enroll




[Fundamentals of Concrete – Materials in Mix Design](#)

A primary reason for the extensive use of concrete throughout the world is the flexibility offered, but with this comes the responsibility to understand the strengths, limitations and optimization strategies to achieve desired performance.

▶ Print Course

 AIA: 1 LU/HSW

 Free


Enroll



[Understanding the Value of Proper HVLS Fan Specifications to a Project](#)

Learn how to specify and install HVLS fans for specific industrial and commercial applications to reduce

▶ Print Course

 AIA: 1 LU/HSW, IDCEC: .1 CEU HSW

 Free

Enroll

maintenance costs while maximizing building performance and supporting occupant comfort and well-being.



Meeting Fire Codes with OSB

This course provides an overview of fire-rated cementitious coated OSB (FRCC OSB), sheathing. It

looks at wall and roof sheathing applications in terms of its structural and performance properties, as well as its most common applications.

 **Online Course** 



AIA: 1 LU



Free

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