



Attention Architects:

EARN AIA/CES CREDITS WITH US!

LEARN & EARN WITH HORNER MILLWORK

Horner Millwork is now a registered AIA/CES regional provider (North Atlantic Corp., provider #40107222). In partnership with our suppliers, we can offer architects over a dozen courses to help broaden the necessary knowledge while earning continuing education credits. Conducted by Horner's Architectural Reps or our Manufacturer's Reps, these programs are offered in the convenience of the firm's office or on site at our training center in Somerset, MA.

To arrange for a course and/or tour please contact your Architectural Rep or call Horner Millwork's Marketing Dept at 1-800-543-5403. Visit our website at www.hornermillwork.com/resources/aia-ces-learning/ to learn more.



NAC AIA Provider # 40107222

CWD315

Stile and Rail Door Construction

Learn how stile and rail doors are constructed, introduce the various components of wood doors, common wood species used, see various designs, and understand the proper finish and maintenance of wood doors.

Learning Units: 1 | LU | HSW



NAC AIA Provider # 40107222

PAS511

Safety, Design and Construction of Preassembled Stairs

This course explores the history of staircases from the earliest designs to the designs of today that meet strict code compliance. The anatomy of the stair is explored along with the construction techniques of preassembled stairs versus site built stairs.

Learning Units: 1.5 | LU | HSW



NAC AIA Provider # 40107222

NATOUR

North Atlantic Corp: Tour of Manufacturing Plant only

Tour a 245,000 sq ft state of the art manufacturing facility. See the production of millwork products including windows and doors as well as custom manufacturing from raw material to stairs, doors and mouldings.

Learning Units: 1.5 | LU

Tour takes place in Somerset, MA



WM001*

Reviving the Lost Art of Mouldings

Understand the origin of classic molding design. Learn how moldings, used correctly, have the power to change the way people experience a room. Rediscover the lost art of crafting moldings. Learn how to specify historic moldings utilizing today's materials for lasting results and satisfied clients.

Learning Units: 1 | LU | HSW

WM001*

Your Exterior Envelope

Learn how biological agents effect wood. Learn the effects physical deterioration has on wood products. Study proper installation practices & avoid mistakes. Evaluate different methods for increasing the durability of your wood product.

Learning Units: 1 | LU | HSW



HBG06C*

Innovative Column Options for the 21st Century

Learning objectives include: 1) Become aware of the column design options and the materials they are made from. 2) Describe the manufacturing process for column materials. 3) Explain the construction process of the different column material options. 4) Identify the characteristics of the materials used in column construction. 5) Explain the current trends and construction standards that have affected column design in the construction industry today.

Learning Units: 1 | LU | HSW



AIA Provider # J686

PHAN010

Retractable Screens - Invisible Thresholds to Sustainable Design

Learning objectives include: 1) List three benefits of retractable screens that enhance sustainability. 2) Explain the impact of retractable screens on energy conservation. 3) Identify key features of the mesh fabrics that contribute to sustainable design. 4) Apply knowledge of retractable screens to recognize how one achieves sustainable design goals.

Learning Units: 1 | LU | HSW

PHAN020

Customizing Motorized Retractable Screens to Enhance Building Performance

Learning objectives include: 1) List four options for customizing motorized retractable screens in building design. 2) Understand the structural, electrical, and installation requirement for motorized retractable screens. 3) Identify the various mesh fabric options, and their resulting benefits and impacts on building performance. 4) Learn about the available environment control options for motorized retractable screens.

Learning Units: 1 | LU | HSW



WINDOWS & DOORS

AIA Provider # J284

KKSGBE01

Synergy of Glass & Building Envelope

This course covers a wide variety of topics that all revolve around glass and how its properties and performance can affect human health, safety and well-being. It will detail the various types of glass, their production, performance attributes and the complex relationship between glass and building envelope design.

Learning Units: 1 | LU | HSW



Visit us online at hornermillwork.com/resources/aia-ces-learning for more about these courses.

KKUDWA01

Designing Better Spaces Series: Unique Door & Window Applications

1) Recognize how to design and incorporate better spaces in the home using windows and doors. 2) Solve architectural design challenges by selecting the correct specialized window and door products. 3) Recognize situations where specific products or options can fulfill the architectural design intent or the client's wishes. 4) Understand the capabilities and services of custom window and door manufacturers and what solutions they can provide to challenging projects.

Learning Units: 1 | LU | HSW

KKCPWD01

Designing Better Spaces Series: Customized, Personalized Windows & Doors

This course covers the customization that is possible with windows and doors. You will learn how to incorporate specific window and door products, along with a variety of options, that will enhance the outcome of the project. Aesthetics and performance will be addressed, to include specifics to each region of the country. This course will also present some truly remarkable client ideas that have become reality.

Learning Units: 1 | LU | HSW

KKRPRE01

Right Product for the Right Environment: Window and Door Types, Functions and Applications

Learning objectives include: 1) Identify various window and door types, functions and characteristics. 2) Determine the best window or door for a particular project and its performance requirements. 3) Recognize how windows and doors can be solutions to extending the indoors to the outdoors and how critical this design is within the building industry. 4) Understand the growing need in the market for producing products that generate larger viewing areas to the outdoors.

Learning Units: 1 | LU | HSW | SD

SGIMP2

Impact Design in the Fenestration Industry

Learn what are some of the current policies and procedures in evaluating the need for impact design window and door products; which glazing systems and hardware components are best

suited for Impact Design; who are the major players in certifying and evaluating impact products; and how can the right impact product protect your greatest investment - your home and/or business.

Learning Units: 1 | LU | HSW

KKWDS01

Window & Door Solutions for Educational Facility Design Challenges

This course covers the topic of windows & doors and how they relate to the overall design of an educational facility, whether in a renovation or new construction setting. It details options, trends, services, design tools and how windows & doors can provide solutions to design challenges.

Learning Units: 1 | LU | HSW



TRU-001*

The Use of Stile & Rail Construction and Medium Density Fiberboard (MDF) in Door Design

This AIA/CES course will provide a detailed overview of the stile and rail door construction method, its history of use in the United States and its important role in door design. The course also includes a comprehensive survey of Medium Density Fiberboard (MDF), its characteristics and use for stile and rail door applications.

Learning Units: 1 | LU | HSW

TRUSD1*

Opening the Door to Green Building and Sustainable Design

This AIA/CES course will explore how MDF and Wood stile and rail doors fulfill Green building principles and contribute to LEED certification.

Learning Units: 1 | LU

TRU004*

Balancing Budget, Function and Design for Commercial Openings

This AIA/CES course will give participants a strong understanding of the critical aspects of commercial openings that must be considered when attempting to balance budget, function and design.

Learning Units: 1 | LU | HSW

TRUSD3*

Designing Architecturally Correct Doors with Green Building Materials & Authentic Construction Techniques

This AIA/CES course provides a detailed overview of how authentic stile and rail construction techniques and modern Green building materials can combine to open up new opportunities in door design.

Learning Units: 1 | LU | HSW



DOOR2018*

Evolution of Residential Entry Doors

Experience the history and evolution of the entry door in America, learning about the different architectural styles and understanding the features and benefits of wood, steel and fiberglass doors.

Learning Units: 1 | LU

MO7001*

Guide to Residential Interior & Exterior Doors & Door Systems

Types of doors - Interior Doors, Exterior Doors, Entry Door Systems: construction, application, configurations, types and trends.

Learning Units: 1 | LU

MO9001*

Building Codes & Regulatory Compliance for Doors

Introduction to Industry Building Codes & Standards, Certification, Structural Performance, Energy Efficiency, Fire Safety, Acoustical, Environment and General Performance.

Learning Units: 1 | LU

MO2016*

Exterior Wood Doors

Wood Doors - construction, different species, building overhangs and selection of wood finishes, points of moisture vulnerability and process.

Learning Units: 1 | LU



LEED2011*

Environmental Wood Doors & LEED

Learning Units: 1 | LU | HSW

MDF001*

MDF Doors & their Contribution to LEED Credits

Learning Units: 1 | LU | HSW

PPDRS1*

Positive Pressure Requirements for Wood Doors

Learning Units: 1 | LU

Veneer 2011*

Veneer Specifics for Wood Doors

Learning Units: 1 | LU

WD Door Const*

Understanding Wood Door Construction Standards

Learning Units: 1 | LU

**These courses are coordinated by Horner, however presented by our Manufacturer's Reps.*



VISIT US ONLINE AT WWW.HORNERMILLWORK.COM

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