Attention Architects:

EARN **AIA/CES CREDITS** WITH US!

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LEARN & EARN WITH HORNER MILLWORK

Horner Millwork is a registered AIA/CES passport 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, on site at our training room in Somerset, MA. or virtual.

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.

CAPTIVA

NAC AIA Provider # 40107222

CWD2019
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

Cooper stairworks

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

HORNER

NAC AIA Provider # 40107222

NACTOUR
North Atlantic Corp: Tour of Manufacturing Plant

Tour a 300,000 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

KOLBE 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

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

MPHA02
Replicating Windows & Doors for Historical Renovations

Learn the benefits of preserving and/or restoring existing buildings; history of the window in early American architecture; historically approved light and glazing options, finishes and casings; and who are the players having jurisdiction for historical renovation projects and tax incentives for these projects.

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

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

AIA Provider # J686
Can be done online:
www.phantomscreens.com/architects-designers/courses

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
Maximizing Indoor & Outdoor Living with Motorized Retractable Screens

Motorized screens not only look great but they provide excellent thermal benefits, great airflow, and the ability to control humidity. This course provides an overview on motorized retractable screens, discussing the design and installation requirements, the different applications where these screens can be used, and the client control capabilities of the screens when using solar mesh and clear vinyl options.

Learning Units: 1 | LU

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

M02016*
Exterior Wood Doors - The Battle Against Mother Nature

Specify how wood doors can be incorporated into a range of architectural styles for homes and light construction. List the key components of stile and rail wood doors

Describe common points of moisture vulnerability in exterior wood doors. Explain manufacturing materials and techniques that can protect wood doors against moisture migration, rot and warp.

Discuss methods for designing building overhangs, and selection of wood finishes, that further enhance wood door weatherability

Learning Units: 1 | LU

Can be done online:
www.hbgcolumns.com/categories/accredited-ce-course

HBG06D
Timeless Columns in Contemporary Design

Learning objectives include: 1) Identify the different types of materials used in columns and determine which environment each one is best suited for. 2) Compare and contrast the advantages and disadvantages of each material to discover the health and safety aspects of the product. 3) Explain the installation process for each type of column to ensure proper procedures are being followed to better protect people and their environment. 4) Analyze case studies to see how columns have been used in an array of projects in an aesthetically pleasing yet functional manner that contributes to the overall welfare of others.

Learning Units: 1 | LU | HSW

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

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

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VISIT US ONLINE AT WWW.HORNERMILLWORK.COM

1255 Grand Army Hwy | Somerset, MA 02726 | p 800.543.5403

21H Turnpike Road | Southboro, MA 01745 | p 508.481.9774

55 Corporate Park Dr | Pembroke, MA 02359 | p 781.826.7770

76 Merrimack St, Ste 15 | Haverhill, MA 01830 | p 781.932.3900 (sales office only)