AIA/CES COURSE CATALOG

Attention Architects:

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

your partner in building HORNER

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 hornermillwork.com/resources/aia-ces to learn more.

CAPTIVA wood doors

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

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

NATOUR
North Atlantic Corp: Tour of Manufacturing Plant only

Tour a 215,000 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

WindsorONE

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

KOLBE WINDOWS & DOORS

Provider # J284

MPFT02
Finishing Touches: Enhancements, Options & Trends for Windows & Doors

Learn what are the current options for windows and doors that gives Architects unique design flexibility; what are the benefits to the Design Professional and to the Customer from state of art enhancements for windows and doors; and how do these new window & door trends affect the green movement and universal design.

Learning Units: 1 | LU | HSW

MPHA02
Replicating Windows and 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

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

SGGLS3
Glass Performance for Today's Building Codes & Designs

Learn how glass aides in energy efficiency; how certain types of glass can protect you from theft, UV rays, impact; what are some of the new innovative coatings for glass; and what are today's technological advances in glass.

Learning Units: 1 | LU | HSW | SD

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

Visit us online at hornermillwork.com/resources/aia-ces to learn more about these courses and more.

PHANTOM SCREENS

AIA Provider # J686

PHS105
Enhancing Sustainable Designs with Retractable Screening

Learn about the innovation of retractable screen solutions and how these systems integrate with sustainable approaches to design. Participants will discover the various benefits of retractable screens and how they enhance environmentally sound projects in some of the following areas: improving indoor air quality, reducing building heat gain, maximizing energy savings, connecting indoor and outdoor spaces, and realizing long term economic value.

Learning Units: 1 | LU | HSW | SD

TRUSTILE

TRUSD3*
Designing Architecturally Correct Doors with Green Building Materials & Authentic Contruction Techniques

Learning objectives include: 1) Communicate a detailed understanding of the Stile and Rail door construction method. 2) Understand the important role that the Stile and Rail method plays in history of U.S. door construction. 3) Understand the important "Green" characteristics of Medium Density Fiberboard (MDF) and its application within the Stile and Rail construction process. 4) Understand Green Product options for Paint-Grade and Stain Grade Doors and how they contribute to LEED credits, NAHB Green Building and design.

Learning Units: 1 | LU | HSW

WH1008*
Stile & Rail Doors: Construction Quality & Design Options

Learning objectives include: 1) Identify the characteristics of authentic stile and rail construction. 2) Recognize the construction methods used in a stile and rail door. 3) Take advantage of the design flexibility provided by stile and rail construction. 4) Identify the characteristics and differences between interior and exterior construction.

Learning Units: 1 | LU | HSW

HB&G

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 | HSW

MASONITE ARCHITECTURAL

Marshfield DOORSYSTEMS

PPDRS1*
Positive Pressure Requirements for Wood Doors

Learning objectives include: 1) Participant will gain a historical aspect of how and why the Positive Pressure fire test was developed. 2) Participant will gain an understanding of how a wood door is tested to meet positive pressure requirements. 3) Participant will obtain knowledge on the various types of positive pressure construction (Category A/ Category B). 4) Participant will understand the differences between the various positive pressure categories.

Learning Units: 1 | LU

WD DOOR CONST*
Understanding Wood Door Construction Standards

Learning objectives include: 1) Understand the differences between a performance driven and a prescriptive based standard. 2) Recognize the construction differences between standards. 3) Have the knowledge to choose the door core, vertical edge and face material best suited for each opening. 4) Be informed on how construction requirements affect the cost of materials and the use of natural resources.

Learning Units: 1 | LU

LEED2011*
Environmental Wood Doors & LEED

Learning objectives include: 1) Participant will gain an understanding of the LEED Green Building Rating System™ and the various credit categories associated to obtain project certification. 2) Participant will learn how Wood Doors can contribute toward LEED credits and gain a general understanding of current construction standards used by door manufacturers. 3) Participant will be able to identify what to look for when specifying what wood doors are best suited for a particular project. 4) Participant will be informed on various environmental claim documents used by door manufacturers.

Learning Units: 1 | LU | HSW

MDF001*
MDF Doors & Their Contribution to LEED Credits

Learning objectives include: 1) Participant will gain knowledge pertaining to the strengths and weaknesses of various constructions used for Medium Density Fiberboard doors. 2) Participant will learn about the availability of fire-rated MDF doors and the applications they are best suited for. 3) Participant will gain an understanding on why MDF doors are considered a premium quality paint grade solution to a wide variety of interior design and application challenges. 4) Participant will gain an understanding of how MDF doors can contribute to numerous environmental requirements currently specified in various green building standards and codes.

Learning Units: 1 | LU | HSW

VENEER 2011*
Veneer Specifics for Wood Doors

Learning objectives include: 1) Participant will gain an understanding of the various veneer cutting methods and the appearances associated with each type. 2) Participant will be able to identify the species and cut of veneer that will provide the desired appearance required for a given project. 3) Participant will learn how veneer lay-up options can change the overall appearance in grain and color. 4) Participant will be informed on how their veneer choices impact the environment.

Learning Units: 1 | LU

**These courses are co-ordinated by Horner, however presented by our Manufacturer's Reps.*

HORNER

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