

Educational Programs for Architectural Door Openings

AIA/CES and GBCI/CMP

ASSA ABLOY

The global leader in
door opening solutions





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AIA/CES and GBCI/CMPC Educational Programs..... 3–6

Request for Continuing Education Programs..... 7

Educational Programs Overview

As an approved provider of AIA/CES (American Institute of Architects Continuing Education System) and GBCI/CMP (Green Building Certification Institute Credential Maintenance Program) continuing education programs, ASSA ABLOY Door Security Solutions offers architects, specifiers, engineers, contractors, building material suppliers, and others in the design community a full spectrum of quality educational programs. Topics include products, industry trends, security, electronics, safety, and construction documents, as related to architectural openings.

Courses may be presented as chapter programs or in individual offices. Local chapters may organize half-day or full-day programs by grouping several courses. Contact us to discuss your educational needs and we'll work with you to provide programs.

We closely adhere to the strict program development, administration, and delivery guidelines as prescribed by the AIA and GBCI/CMP. All of our programs are approved for "Health, Safety and Welfare" (HSW) credit, and two for "Sustainable Design" (SD) credits as indicated in the description.

Contact Information

For information on AIA/CES and GBCI/CMP continuing education programs, contact ASSA ABLOY Door Security Solutions - Architectural Development:

Scott Tobias, AHC, CDT, CSI, LEED AP

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For a variety of educational tools and up-to-date information on training courses, visit www.assaabloydss.com.

| PROGRAM NUMBER | DESCRIPTION | AIA/CES HSW LEARNING UNITS | GBCI/CMP LEARNING UNITS |
|----------------|--|----------------------------|-------------------------|
| AA1000 | Basic Hollow Metal Doors and Frames A comprehensive study of hollow metal door types, grades, models, designs, and internal core construction. Learn the difference between fire-rated doors and non-rated doors and how to make sure the proper hardware is included. This presentation will also describe the various components of hollow metal frames and their anchoring systems. | 1 | |
| AA1001 | Architectural Wood Doors and Specifications Learn to identify the nomenclature of commercial wood doors and the basic components of wood doors. Achieve a greater consistency in the delivered product by learning how to specify core construction, veneers, edges and finish. | 1 | |
| AA1002 | An Overview of LEED and Wood Doors An in-depth look at the purpose of and the concepts behind sustainable design and LEED. Learn how to properly specify architectural wood doors to help building owners qualify for LEED credits for their projects. | 1 SD | 1 CE |
| AA1003 | Stile & Rail Wood Doors and Avoiding Common Application Conflicts Understand the differences between prescriptive and performance driven specifications standards for wood doors. Review of WDMA I.S. 1A and the benefits of using this performance standard for flush wood door aesthetics and product design. | 1 | |
| AA1004 | Architectural Flush Wood Doors and Performance Driven Quality Standards Understand the differences between prescriptive and performance driven specifications standards for wood doors. Review of WDMA I.S. 1A and the benefits of using this performance standard for flush wood door aesthetics and product design. | 1 | |
| AA2000 | Basic Architectural Hardware A comprehensive study of architectural hardware. Learn the basic hardware components that make up an architectural door opening, how they work, what they do and how to properly apply hardware to meet specific project requirements.. | 1 | |
| AA2001 | Architectural Door Openings for K-12 educational facilities Selecting the proper hardware for safety, security and durability in educational facilities is more important than ever. This session will guide you to the best solutions in specifying hardware that meets building codes, life-safety codes and accessibility requirements. | 1 | |
| AA2002 | Architectural Door Openings for Universities Selecting the proper hardware for safety, security, and durability in university facilities is more important than ever. This session will guide you to the best solutions in specifying hardware that meets building codes, life-safety codes and accessibility requirements. | 1 | |
| AA2003 | Architectural Door Openings for Healthcare Facilities Selecting the proper hardware for safety, security, and durability in healthcare facilities can be a difficult task. This session will guide you to the best solutions in specifying quality hardware that meets building codes, life-safety codes and accessibility requirements and will introduce new technologies available. | 1 | |



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|----------------|---|----------------------------|-------------------------|
| AA2004 | <p>Pivots and Floor Closers Understand the principles of hanging a door and the different methods used to hang a door. This course reviews how each method may affect fire codes, life-safety codes and accessibility standards. Making proper choices when specifying door control can have a lasting impact for the life of the building.</p> | 1 | |
| AA2005 | <p>Specifying Architectural Door Opening Egress Solutions Learn about the various types of exit devices and how they meet egress requirements. Understand where and why exit devices are required and how to provide solutions to access and egress problems by properly applying exit devices. Learn to interpret the building codes as they relate to egress requirements</p> | 1 | |
| AA2006 | <p>Understanding Grade 1 Hardware Requirements in Specifications Understanding Grade 1 requirements for specifying equal door hardware can be challenging. Selecting the proper hardware for safety, security and durability is more important than ever. This session will focus on grade 1 minimum requirements and performance levels of product types that well surpass the minimum.</p> | 1 | |
| AA2007 | <p>Gasketing and Codes An overview of various types of gaskets and their relation to codes. Discussion on door opening gasket solutions and choices available to improve the energy efficiency and function of door openings while satisfying code requirements.</p> | 1 | |
| AA2008 | <p>Understanding Architectural Hardware Submittals What is the supplier trying to communicate when submitting a hardware schedule as a shop drawing? This session will help develop a better understanding of hardware shop drawings and submittal terminology to save time in the approval process.</p> | 1 | |
| AA2009 | <p>Higher Security Through Key Management Unauthorized duplication of keys remains the most common method of theft in many facilities. Learn the products and systems available, from patented keyways to high security cylinders, to make informed decisions when upgrading facility security.</p> | 1 | |
| AA2010 | <p>Vandal Prone Door Hardware Applications Avoid bad applications by sidestepping known problems. Examine why certain popular hardware applications fail and why the alternative solutions could save you time and effort on your next project. Identify symptoms of problem doors and write specifications that provide better performance and require less maintenance for an owner.</p> | 1 | |
| AA3000 | <p>Basic Doors, Frames and Hardware Learn about the basic components of an architectural door opening: the door, frame and hardware. Learn the proper sequence to specifying these components and avoid common mistakes made when listing door openings.</p> | 1 | |
| AA3001 | <p>Integrated Door Opening Assemblies Understand the concepts behind and the components to include in the Integrated Door Opening Assemblies specification section. Learn about common applications for these types of assemblies and the unique features, options and benefits these openings can offer the design team and end-user.</p> | 1 | |

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| AA3002 | Aesthetically Designed Architectural Door Openings An overview of the importance and choices available to improve the aesthetics of architectural door openings. Emphasis will be on the newest available door opening designer solutions and how to properly improve the aesthetics of door openings through specifications. | 1 | |
| AA3004 | The Role of Doors and Hardware in Energy Efficient Buildings An overview of the importance, measurement and choices available to improve energy efficiency in door openings. Emphasis will be on how to improve the energy efficiency of door openings through specifications. | 1 SD | 1 CE |
| AA3006 | Innovation Showroom Tour A live demonstration/walking tour through a manufacturer's manufacturing facility - innovation showroom, created to educate the audience through hands-on interaction. An overview of the evolution of electronic access control, security, aesthetics/design, energy efficiency and the newest life-safety egress hardware will be demonstrated. | 1 | |
| AA3007 | LEED for High Performance Doors and Hardware Understand the importance of high-performance door and hardware solutions in energy efficient and net zero buildings and their effects on the Energy & Atmosphere (EA) credits in LEED. Describe how doors & hardware can help building owners gain Materials & Resources (MR) credits in LEED. Describe how doors & hardware can help building owners gain Indoor Environmental Quality (IEQ) credits in LEED. | 1 SD | 1 CE |
| AA4000 | Basic Electrified Door Hardware Specifying basic access control products and systems is more important today than ever before. Ensure your specification for access control and electrified hardware security is complete. Learn how simple access control systems can be used in planning security and how they affect building fire codes, accessibility standards and life-safety. Ensure your specification has the four vital components and the four operational elements required in every electrified hardware opening. | 1 | |
| AA4001 | Understanding Electronic Access Control Systems and Related Door Hardware Learn to identify the various components of an access control system. This session teaches how to properly specify the components in an access control system. | 1 | |
| AA4002 | The Next Generation of Electronic Access Control Door Opening Solutions Introduction to the world of electronic access control systems. Starting with basic electrical concepts, the electrified features of door hardware will be discussed in depth. An in depth review of the evolution of electronic access control systems including the four basic and numerous peripheral components. Emphasis will be on the newest and future electronic access control technologies, solutions and their relation to the current codes and standards. | 1 | |
| AA4003 | Physical Security Considerations A review of physical security as it related to the architectural door openings industry, including an overview of hollow metal doors, wood doors and architectural hardware. Importance, measurement, and choices available to improve security and safety, while balancing convenience, aesthetics, and sustainability. Basics of physical security as related to door openings and emphasis will be on how to find a balance between life safety, security, convenience, aesthetics and sustainability as related to architectural door openings through specifications. | 1 | |



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| AA5000 | Unlocking the Mystery of Doors, Hardware, and Codes Learn how to make the proper choices in selecting doors, frames and hardware that comply with current building codes. Emphasis will be on the selection of hardware that meets building codes, life-safety codes and fire door requirements to balance life-safety and security. | 1 | |
| AA5001 | Architectural Hardware for Fire-Rated Door Openings Learn about the methods and resources for selecting the right hardware for fire-rated doors. This session includes a review of NFPA-80 as it relates to commercial swinging doors. Learn the difference between fire-rated hardware and non-rated hardware. | 1 | |
| AA5002 | Emergency Egress Door Opening Solutions Examine the history of egress path lighting systems and the migration towards new model and local building codes requiring illuminated pathway marking systems. Identify the latest egress path marking methods and technologies and how to properly specify them for safer building design. | 1 | |
| AA5003 | Architectural Door Hardware and Life-safety Means of egress is important for every building occupancy type. Learn what affects the door opening and how to properly select door hardware to comply with this portion of the code. This session includes a review of NFPA-101 Life-Safety Code and Means of Egress Requirements. | 1 | |
| AA5004 | Architectural Door Openings and Accessibility Identify and understand the various door and hardware components and specification requirements for commercial swinging doors based on ANSI A117.1 - Accessible and Usable Buildings and Facilities. | 1 | |
| AA5005 | ICC NSSA Shelter Construction and Architectural Door Openings Review the building requirements included in the new IBC/NSSA 500 Shelter Standards. Gain a greater understanding of what goes into hurricane and FEMA 361 windstorm shelters, and the difference between tested, certified and non-certified products used in their construction. | 1 | |
| AA5006 | Hurricane Code 101 and Architectural Door Openings Learn about the latest hurricane code requirements and how to comply. Learn the various products that meet code, how they work together and how to specify compliant door opening assemblies. | 1 | |
| AA5007 | Positive Pressure Fire Door Testing Learn the changes in fire door testing procedures from neutral pressure to positive pressure as required by ICC building codes. Learn the various fire ratings of openings and how to apply them to positive pressure. Understand the various components that make a door opening fire rated. | 1 | |
| AA6000 | SARGENT Factory Tour A live walking factory tour of one of the United States oldest door hardware manufacturing companies, SARGENT Manufacturing company. An overview of the types of locking and other types of devices being manufactured, and an inside look at how an efficient factory operates. Other learning items will be the knowing how cylinders are manufactured and pinned, or keyed specific to each individual project's needs. Also know the available door controls, including door closers, and the newest innovations in electronic access control and aesthetics. | 1 | |
| AA9001 | Kevin Roche Exhibition: Architecture as Environment Learn about the Kevin Roche Exhibition: Architecture as Environment. Learn how Kevin Roche began and enhanced his career and eventually worked for and completed 12 major unfinished Eero Saarinen projects after Eero's death, including some of Saarinen's best-known work: the Gateway Arch, TWA Flight Center at JFK International Airport, Dulles International Airport, John Deere Headquarters, and the CBS Headquarters building. Also learn about Kevin's career post Eero, his partnership with John Dinkaloo, discuss many of his completed projects around the world and their unique design styles. Learn about some of the many awards won by Kevin, including the Pritzker Prize in 1982 and the AIA Gold Medal in 1993. | 1 | |

AIA/CES and GBCI/CMP Educational Program



Fax Registration: Copy this form, complete the information and fax it to Scott Tobias at 845-427-9042.

Email Registration: Copy this form, complete the information, scan it and email to stobias@assaabloydss.com.

Online Registration: www.assaabloydss.com "Architectural Services", and complete applicable forms.

NOTE: These courses are FREE.

You are registered only when you receive a confirmation from us. For additional information email stobias@assaabloydss.com or call 845-742-4827.

Date: _____

Chapter (or Firm): _____

First Name: _____ Last Name: _____

Contact Person: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____ Email: _____

- | | | | |
|---------------------------------|---|---------------------------------|---|
| <input type="checkbox"/> AA1000 | Basic Hollow Metal Doors and Frames | <input type="checkbox"/> AA3004 | The Role of Doors and Hardware in Energy Efficient Buildings |
| <input type="checkbox"/> AA1001 | Architectural Wood Doors and Specifications | <input type="checkbox"/> AA3006 | Innovation Showroom Tour |
| <input type="checkbox"/> AA1002 | An Overview of LEED and Wood Doors | <input type="checkbox"/> AA3007 | LEED for High Performance Doors and Hardware |
| <input type="checkbox"/> AA1003 | Stile & Rail Wood Doors and Avoiding Common Application Conflicts | <input type="checkbox"/> AA4000 | Basic Electrified Door Hardware |
| <input type="checkbox"/> AA1004 | Architectural Flush Wood Doors and Performance Driven Quality Standards | <input type="checkbox"/> AA4001 | Understanding Electronic Access Control Systems and Related Door Hardware |
| <input type="checkbox"/> AA2000 | Basic Architectural Hardware | <input type="checkbox"/> AA4002 | The Next Generation of Electronic Access Control Door Opening Solutions |
| <input type="checkbox"/> AA2001 | Architectural Door Openings for K-12 Educational Facilities | <input type="checkbox"/> AA4003 | Physical Security Considerations |
| <input type="checkbox"/> AA2002 | Architectural Door Openings for Universities | <input type="checkbox"/> AA5000 | Unlocking the Mystery of Doors, Hardware and Codes |
| <input type="checkbox"/> AA2003 | Architectural Hardware for Healthcare Facilities | <input type="checkbox"/> AA5001 | Architectural Hardware for Fire Rated Door Openings |
| <input type="checkbox"/> AA2004 | Pivots and Floor Closers | <input type="checkbox"/> AA5002 | Emergency Egress Door Opening Solutions |
| <input type="checkbox"/> AA2005 | Specifying Architectural Door Opening Egress Solutions | <input type="checkbox"/> AA5003 | Architectural Door Hardware and Life-Safety |
| <input type="checkbox"/> AA2006 | Understanding Grade 1 Hardware Requirements in Specifications | <input type="checkbox"/> AA5004 | Architectural Door Openings and Accessibility |
| <input type="checkbox"/> AA2007 | Gasketing and Codes | <input type="checkbox"/> AA5005 | ICC NSSA Shelter Construction and Architectural Door Openings |
| <input type="checkbox"/> AA2008 | Understanding Architectural Hardware Submittals | <input type="checkbox"/> AA5006 | Hurricane Code 101 and Architectural Door Openings |
| <input type="checkbox"/> AA2009 | Higher Security Through Key Management | <input type="checkbox"/> AA5007 | Positive Pressure Fir Door Testing |
| <input type="checkbox"/> AA2010 | Vandal Prone Door Hardware Applications | <input type="checkbox"/> AA6000 | SARGENT Factory Tour |
| <input type="checkbox"/> AA3000 | Basic Doors, Frames and Hardware | <input type="checkbox"/> AA9001 | Kevin Roche Exhibition: Architecture as Environment |
| <input type="checkbox"/> AA3001 | Integrated Door Opening Assemblies | | |
| <input type="checkbox"/> AA3002 | Aesthetically Designed Architectural Door Openings | | |

Preferred Date: _____ Second Choice: _____

Requested Site: _____

Expected Attendance: _____

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

ASSA ABLOY

ASSA ABLOY Door Security Solutions provides end-users with unsurpassed security and life-safety solutions, and the essential support services to ensure well-functioning doorway systems. This is all accomplished by combining the strengths of industry-leading door and hardware brands. Contact your local Door Security Solutions team for assistance.



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Region 3

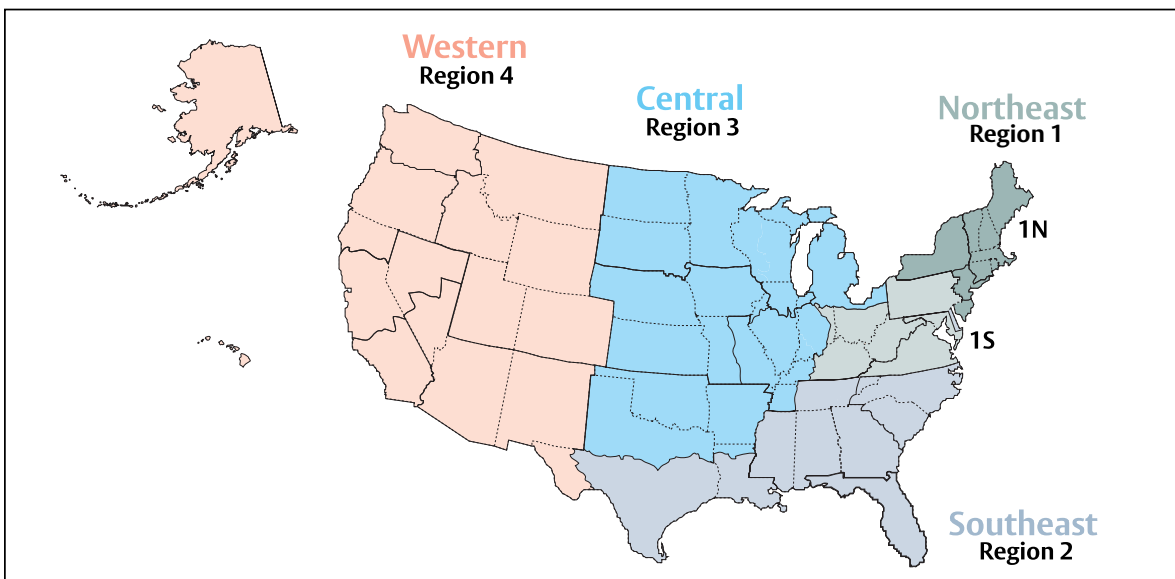
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