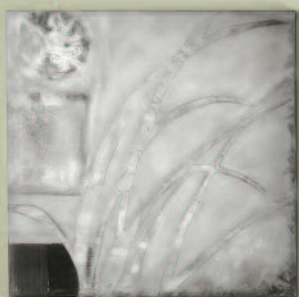


# AIA/CES and CSI/CEN

## Educational Programs for Architectural Door Openings

ASSA ABLOY

The global leader in  
door opening solutions





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## Educational Programs Overview

As an approved provider of AIA/CES and CSI/CEN 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 you to provide programs.

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

## Contact Information

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

Wanda Ortiz

Phone: 203-821-5753

Fax: 203.777.9042

Email: [wortiz@assaabloydss.com](mailto:wortiz@assaabloydss.com)

For a variety of educational tools and up-to-date information on training courses, visit [www.assaabloydss.com](http://www.assaabloydss.com).

PROGRAM NUMBER	DESCRIPTION	AIA/CES LEARNING UNITS	CSI/CEN LEARNING UNITS
AA1000	<p><b>Basic Hollow Metal Doors and Frames</b>                      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.</p>	1	0.1
AA1001	<p><b>Architectural Wood Doors and Specifications</b>                      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.</p>	1	0.1
AA1002	<p><b>Wood Doors and LEED</b>                      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.</p>	1 SD	0.1
AA1003	<p><b>Stile &amp; Rail Wood Doors and Avoiding Common Application Conflicts</b>                      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.</p>	1	0.1
AA1004	<p><b>Architectural Flush Wood Doors and Performance Driven Quality Standards</b>                      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.</p>	1	0.1
AA2000	<p><b>Basic Architectural Hardware</b>                      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..</p>	1	0.1
AA2001	<p><b>Architectural Door Openings for K-12 educational facilities</b>                      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.</p>	1	0.1
AA2002	<p><b>Architectural Door Openings for Universities</b>                      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.</p>	1	0.1

PROGRAM NUMBER	DESCRIPTION	AIA/CES LEARNING UNITS	CSI/CEN LEARNING UNITS
AA2003	<p><b>Architectural Door Openings for Healthcare Facilities</b>                      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.</p>	1	0.1
AA2004	<p><b>Pivots and Floor Closers</b>                      Understand the prodes, 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	0.1
AA2005	<p><b>Specifying Architectural Door Opening Egress Solutions</b>                      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	0.1
AA2006	<p><b>Understanding Grade 1 Hardware Requirements in Specifications</b>                      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	0.1
AA2007	<p><b>Gasketing and Codes</b>                      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	0.1
AA2008	<p><b>Understanding Architectural Hardware Submittals</b>                      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	0.1
AA2009	<p><b>Higher Security Through Key Management</b>                      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	0.1
AA2010	<p><b>Vandal Prone Door Hardware Applications</b>                      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	0.1

PROGRAM NUMBER	DESCRIPTION	AIA/CES LEARNING UNITS	CSI/CEN LEARNING UNITS
AA3000	<b>Basic Doors, Frames, and Hardware</b> 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.	1	0.1
AA3001	<b>Integrated Door Opening Assemblies</b> 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.	1	0.1
AA3002	<b>Aesthetically Designed Architectural Door Openings</b> 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 to improve the aesthetics of door openings through specifications.	1	0.1
AA3003	<b>Optimizing Energy Performance</b> 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	0.1
AA3006	<b>Innovation Showroom Tour</b> 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	0.1
AA4000	<b>Basic Electrified Door Hardware</b> 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	0.1
AA4001	<b>Understanding Electronic Access Control Systems and Related Door Hardware</b> 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	0.1
AA4002	<b>The Next Generation of Electronic Access Control Door Opening Solutions</b> 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	0.1

PROGRAM NUMBER	DESCRIPTION	AIA/CES LEARNING UNITS	CSI/CEN LEARNING UNITS
AA5000	<p><b>Unlocking the Mystery of Doors, Hardware, and Codes</b>                      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.</p>	1	0.1
AA5001	<p><b>Architectural Hardware for Fire Rated Door Openings</b>                      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.</p>	1	0.1
AA5002	<p><b>Emergency Egress Door Opening Solutions</b>                      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.</p>	1	0.1
AA5003	<p><b>Architectural Door Hardware and Life Safety</b>                      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.</p>	1	0.1
AA5004	<p><b>Architectural Door Openings and Accessibility</b>                      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.</p>	1	0.1
AA5005	<p><b>ICC NSSA Shelter Construction and Architectural Door Openings</b>                      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.</p>	1	0.1
AA5006	<p><b>Hurricane Code 101 and Architectural Door Openings</b>                      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.</p>	1	0.1
AA5007	<p><b>Positive Pressure Fire Door Testing</b>                      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.</p>	1	0.1

# AIA/CES and CSI/CEN Educational Programs - Registration



**Fax Registration:** Copy this form, complete the information and fax it to Wanda Ortiz at 203.777.9042.

**Email Registration:** Copy this form, complete the information, scan it and email to wortiz@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 wortiz@assaabloydss.com or call 203-821-5753.

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"/> AA3001 | Integrated Door Opening Assemblies  |
| <input type="checkbox"/> AA1001 | Architectural Wood Doors and Specifications                            | <input type="checkbox"/> AA3002 | Aesthetically Designed Architectural Door Openings                        |
| <input type="checkbox"/> AA1002 | Wood Doors and LEED  | <input type="checkbox"/> AA3003 | Optimizing Energy Performance   |
| <input type="checkbox"/> AA1003 | Stile & Rail Wood Doors and Avoiding Common Application Conflicts      | <input type="checkbox"/> AA3006 | Innovation Showroom Tour  |
| <input type="checkbox"/> AA1004 | Architectural FlushWood Doors and Performance Driven Quality Standards | <input type="checkbox"/> AA4000 | Basic Electrified Door Hardware   |
| <input type="checkbox"/> AA2000 | Basic Architectural Hardware   | <input type="checkbox"/> AA4001 | Understanding Electronic Access Control Systems and Related Door Hardware |
| <input type="checkbox"/> AA2001 | Architectural Door Openings for K-12 educational facilities            | <input type="checkbox"/> AA4002 | The Next Generation of Electronic Access Control Door Opening Solutions   |
| <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"/> AA3000 | Basic Doors, Frames, and Hardware                                      |                                 |   |

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.



Door Security Solutions of Arizona  
Phoenix, Arizona  
Phone: 602.494.3235 (main)  
866.494.3235 (toll-free)

Door Security Solutions of the Carolinas  
Monroe, North Carolina  
Phone: 800.438.1951

Door Security Solutions - Chesapeake  
Cockeysville, Maryland  
Phone: 410.667.4041

Door Security Solutions of Florida  
Altamonte Springs, Florida  
Phone: 407.788.0198 (main)  
800.835.9409 (toll-free)

Door Security Solutions of Georgia  
Atlanta, Georgia  
Phone: 678 324-3551

Door Security Solutions - Great Lakes  
Bensenville, Illinois  
Phone: 630.594.1500

Door Security Solutions of Hawaii  
Kailua, Hawaii  
Phone: 808.263.3855

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Pittsford, New York  
Phone: 585.899.5280

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Hackensack, New Jersey  
Phone: 201.489.3709

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Door Security Solutions of the Southwest  
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Phone: 570.693.3323 (main)  
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