



Tidewater VA Chapter

Hampton Roads Building Products Show

INNOVATIONS IN CONSTRUCTION

Tuesday, February 9, 2010

Tidewater VA Chapter CSI invites you to the Hampton Roads Building Products Show 2010 at the Holiday Inn Executive Center off Newtown Road. The annual design and construction products show for commercial building design in the Hampton Roads area.

Schedule

7:30	<i>Registration Open</i>
8:00-10:15	Seminars
10:30-2:30	<i>Products Show (Includes Lunch 12 to 1)</i>

Door Prize Drawings at 1:00 pm.

Must be present to win one of these great prizes!

2:30-5:00	Seminars
-----------	----------

More Seminars to choose from

\$35 Registration Fee—\$5 off if received by February 1st!

Includes:

- **4 Seminars**
- **Lunch**
- **Entry into Product Show**

Fee waived to Military, State and City Government Employees!



Tidewater VA Chapter

Seminar Descriptions

**Special:
1/2 Off Membership
(Only offered at trade show)**

8:00-9:00	<p>Understanding BAA/TAA/Code Compliant Requirements 1 HSW This program takes you to a better understanding of our National trade agreements and how they affect providing materials to our Government facilities and offices.</p>
	<p>Selective Coatings for Energy Efficient Windows 1 HSW, SD This program describes low emmissivity (Low E) glass coatings, both from scientific and application perspectives. It describes how spectrally selective coatings work and shows how coated glass is manufactured. Performance data and Low E glass applications for various climates are presented.</p>
	<p>Designing Access Control Systems/Smart Building Technology 1 HSW Credit This Course is a follow on to "Specifying Electrified Hardware. Objective of this course is to take you through the design process of an opening that requires access control and what elements are needed to have the opening properly function as designed.</p>
	<p>Standards & Specifications for Steel Doors and Frames 1 HSW credits Participants will be able to utilize all ASTM, ANSI, SDI and other standards that involve steel door and frame systems. Life Safety Codes and Accessibility Standards will be discussed as they apply to clear width, access to and through openings. Fire Safety Codes and Test Methods are covered for glazing, hourly ratings, passive vs. active fire resistance, and quality assurance methods of installation to meet NFPA 80. Examples of real CSI Format specifications will be presented with a leave behind modifiable template.</p>
9:15-10:15	<p>NFPA101/NFPA80 and Annual Fire Door Inspections 1 HSW credit Learn to identify the need for an ADA opening and what the requirements are for that opening such as, but not limited to, latch requirements, opening force and closing speed requirements; also how to apply the new requirements of NFPA 80 for fire door inspections through the construction documents. The course will define the relationship of of NFPA 80 to the Life Safety code, the International Building Code and the International Fire Code.</p>
	<p>Window Fenestration and the USGBC LEED Green Building Rating System 1 HSW, SD This presentation gives an overview of the ways the US Green Building Council's various LEED® Programs apply to windows. It reviews credit requirements within the commercial and residential rating systems, and goes into detail about how windows can contribute points towards LEED certification.</p>
	<p>Specifying Electrified Hardware & the Architect's Role in Security Convergence 1 HSW credits Participants will gain a basic understanding regarding access control to their building, controlled egress, and how these goals can be accomplished keeping in mind the Life Safety Standards, fire codes, accessibility requirements, all coordinated to protect occupants of the building. The course also addresses the importance of the Architect's involvement during the design process, what elements of a security program should be considered during the design stage and the products available to create a integrated security system.</p>
	<p>Basic Architectural Hardware 1 HSW credits Attendees will be able to state the function and application of each type of hardware, and be able to specify each type correctly as they apply to fire doors, egress doors, and ADA compliant openings.</p>



Seminar Descriptions

Tidewater VA Chapter

2:45-
3:45

<p>Backnet Technology <i>CEP Points in approval process</i> This program takes you into the realm of Building Controls through integration of all building operating systems including access control and monitoring .</p>
<p>Understanding Energy-Efficient Windows <i>1 HSW, SD</i> This program addresses variables that determine a window's energy efficiency: U-factors, solar heat gain and loss, visible transmittance, air infiltration, frame construction and glazing options.</p>
<p>ADA and Automatic Openers <i>1 HSW Credit</i> Participants will gain an understanding of when to use the automatic doors vs ADA operators and how these automatic doors are safe for the user. This course will also take you through the design and specification process for Auto Doors.</p>
<p>Safe Schools Perimeter Security/Key Ideas for designing a Safe School <i>1 HSW credit</i> Learn how to create a safe learning environment through the appropriate and effective use of Security Technologies in US Schools during the design phase of your project. This course will describe key elements of a safe school as well as give design solutions for typical school openings by choosing products best suited for schools.</p>

4:00-
5:00

<p>Contracting with the Federal Government Information on The Procurement Technical Assistance Program, which provides assistance for all types and sizes of qualified Virginia Businesses that are seeking to bid on and perform work under Federal or Virginia State Contracts.</p>
<p>Going Green-Exploring the Social, Environmental, and Economical Aspects of Transforming Facilities into Sustainable and Efficient Buildings This session will discuss the social, environmental, and economic issues surrounding green buildings and explore the effects of global warming & CO2 emissions and how energy efficient buildings can provide an economical payback. Local Hampton Roads projects will be highlighted and alternative financing and state and federal legislation surrounding green building improvements will be discussed.</p>
<p>Master Format: Review and Focus on 2010 Update An update on the use of Master Format 04 and new information regarding proposed modifications.</p>
<p>Specifying Wood Doors <i>1 HSW credit</i> Participants will gain an understanding of different grades and types of wood doors and what establishes the manufacturing criteria for these grades. Learn how manufacturers test and list their products for fire labeling. Understand how to specify wood doors properly without sacrificing quality.</p>

Tidewater VA Chapter CSI: If you wish to reserve your seat for the seminar of your choice, please fax the form below to Debi Ernest at 757-941-7137, email debi.ern@cox.net, or you may bring it with you to the show to register at the site. For questions please call 757-575-9550. Note pre-registrations will have priority.

PAYMENT INFORMATION

Amount \$ _____

Name _____ Check Enclosed (make check payable to Tidewater CSI)

Company _____ Visa Mastercard

Address _____ card number _____ expiration _____

Address _____ V-Code (3 digit number on back of card) _____

City _____ State _____ Zip Code _____

Telephone _____ Fax _____ Signature _____