Never stop learning.

We share our experience and expertise through our CES-registered courses.

Our presenters offer participants valuable insight into the direction of our industry by exploring common issues and pragmatic considerations for performance, maintenance, sustainability and more.

All presenters are highly knowledgeable in the practical and technical aspects of the presented subject matter. Schedule requirements and availability are flexible. Refer to the following course descriptions for topic details and credit hours.

Contact us to schedule a CES-registered presentation

Call us: 800.233.8493

Email us: SalesOps@c-sgroup.com

Acrovyn® Doors

Interior Doorways: Life Extension Through Design

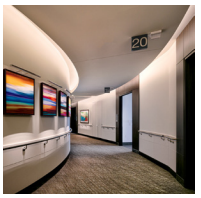
Architects
Level: 100
Credit Awarded: 1 LU AIA, HSW

Interior Designers
Credit Awarded: 1 LU IDCEC, HSW

Participants will learn:

- Designer and Owner needs for commercial interior doorways
- The pitfalls of traditional doorways and doorway protection
- Industry guidelines and standards for performance
- Doorway design solutions to Increase durability
- Specification tips to ensure longevity and quality

Wall Protection



Life Extension for Interior Surfaces

Architects
Credit Awarded: 1 LU AIA, HSW

Interior Designers
Credit Awarded: 1 LU IDCEC, HSW

Learning objectives:

- Describe the kind of damage that occurs to building interiors, including what types of buildings wall damage is more likely to occur
- Discuss wall protection options which help to ensure safety for building occupants and longevity of the building interior
- Define the different wall protection applications, including how to seamlessly incorporate them into a space to maintain aesthetics
- Summarize how wall protection products contribute toward satisfying LEED® V4 credits as well as other green building program requirements

The Evolution of Interior Wall Protection: From Functional to Inspirational Healthcare Spaces

Architects
Credit Awarded: 1 LU AIA, HSW

Interior Designers
Credit Awarded: 1 LU IDCEC, HSW

Learning objectives:

- Understand wall protection and how it has evolved into a dual-purpose product that not only protects the building long term but aesthetically enhances the healthcare space
- Discuss how reduced Medicare reimbursement for high HAI's and low HCAHPS scores have affected healthcare deisgn and product selection
- Examine trends in specialized healthcare and how the continued desire to improve patient safety and healing is driving product innovations in wall protection accessories
- Explore new ways to use wall protection to create more inviting spaces which can increase patient well-being and minimize health and safety issues

Interior Solutions: Mastering the Physical Movement of People

Architects
Credit Awarded: 1 LU AIA, HSW

Interior Designers
Credit Awarded: 1 LU IDCEC, HSW

Learning objectives:

- Discuss the obstacles hindering entrance and building interior performance and safety
- Explain the systems that support interior building performance and occupant health, hygiene, and safety
- Recognize how aesthetic design can support occupant comfort
- Specify integrated entrance and building interior systems to enhance design and support the wellbeing of the occupants

Privacy Curtains + Track

Combating HAIs in the Healthcare Built Environment Through Design & Product Selection

Architects
Credit Awarded: 1 LU AIA, HSW

Interior Designers
Credit Awarded: 1 LU IDCEC, HSW

Learning objectives:

- Understand what healthcare-associated infections are and how they impact the healthcare-built environment and affect the safety and welfare of patients
- Identify the contributing factors to HAIs and the financial impact of these infections, which drives decisions for designing spaces to help mitigate bacteria and reduce HAIs
- Understand HCAHPS scores and how they drive design decisions and product selection in healthcare facilities to improve patient wellness
- Specify building interior systems that support cleanability, increase occupant safety and well-being, and reduce costs

Entrance Flooring Solutions

Entrance Mats + Grids: Design with the elements in mind

Architects
Credit Awarded: 1 LU AIA, HSW, GBCI, AAHID

Participants will learn:

- What are entrance flooring systems and why are they needed?
- How to reduce maintenance costs and slip/fall accidents
- How to properly design and integrate EFS into your design/building
- Environmental considerations with a focus on LEED® and Cradle 2 Cradle
- Making a great first impression

Architectural Louvers

Testing Facility Tour + Louver Seminar

Architects
Testing Facility Tour & LVR201
Credit Awarded: 4 LU AIA, HSW

Participants will learn:

- All LVR201 content
- About simulated testing at manufacturer's facility
- Tests simulated for attendees:
  - Air Pressure Drop testing
  - Point of Beginning Water Penetration test
  - Wind Driven Rain tests
  - Dade County/Florida Building Code
  - Missile Impact testing

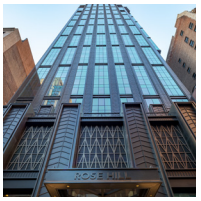
Mastering the Physical Movement of Air, Wind and Water Using Architectural Louvers

Architects
Credit Awarded: 1 LU AIA, HSW

Participants will learn:

- How to manage wind, rain movement, and mitigate water entrainment using louvers
- How to choose the appropriate louver for specific regions/climates and understand the testing requirements and certification processes
- Building science vocabulary pertaining to louver systems that control the air in the building
- To engage manufacturers early to ensure standards are met and the desired aesthetics are achieved using louvers in creative ways

Facades



Next-gen Facade Design

Architects
Credit Awarded: 1 LU AIA, HSW

Learning Objectives:

- Discuss design trends driving commercial facade innovation and the future of creative facades
- Describe considerations for ensuring the process of creating commercial facades leads to a design outcome that is efficient, effective, and safe for occupants
- Examine real-life project case studies to understand facade challenges and the solutions that were created to not only provide protection from elements but also to elevate building design
- Explain how to balance form and function in facade design to ensure that decorative elements are also structurally sound

Expansion Joint Solutions

Expansion Joint Solutions: Mastering the Physical Movement of the Building

Architects
Credit Awarded: 1 LU AIA, HSW

Learning Objectives:

- Describe the multiple types of building movement and the risks they pose to the building, occupants, and surrounding environments
- Understand how architects, structural engineers and installers can work together to plan for building movement to protect inhabitants
- Describe how the expansion joint cover system contributes to building resiliency and occupant safety
- Communicate the role of expansion joint covers in protecting buildings from damage such as water and fire infiltration
- Incorporate expansion joint cover systems for performance while minimizing aesthetic disruptions

Sun Control Solutions

Exterior Sunshades - Mastering the Physical Movement of Sun and Light

Architects
Credit Awarded: 1 LU AIA, HSW

Learning Objectives:

- Understand how to optimize the sun as a natural resource to decrease light and HVAC system demands and in turn improve building efficiency
- Discuss external sunshade systems and their benefits including energy efficiencies and the positive impacts on the health, safety, and welfare of building occupants
- Understand how proper sun management contributes to LEED and IECC 2021 Zero Code™ standards to provide healthier more productive spaces
- Incorporate sunshades as both a functional system and aesthetically innovative design element. Recognize construction methods and proper engineering for their design and selection of exterior

Behavioral Health

Improving The Human Experience in Behavioral Health Settings: How to Create Comfortable, Safe, and Inviting Spaces Through Smart Design

Architects
Level: 100
Credit Awarded: 1 LU AIA, HSW

Interior Designers
Credit Awarded: 1 LU IDCEC, HSW

In this presentation we will examine the current state of behavioral health in America, provide an overview of behavioral health facility types, therapy methods, patient safety considerations, and guidelines for facility design. This course will showcase principles to guide design including how to create safe social spaces, leverage biophilic design principles, phenomenology and tap into color theory, textures, and lighting to enhance healing. Additionally, this course features real life examples of implementing these principles to assist in the healing process, preserve patient dignity, and balance the safety of patients and staff.

Objectives

- Recognize the heightened need for thoughtful design in behavioral health spaces
- Investigate elements of human centered design and how to create beautiful, safe, and engaging spaces that preserve patient dignity
- Understand design principles that contribute to a positive patient experience and support creating safe social spaces with biophilic design principals and tap into Phenomenology
- Learn how to balance design with safety through careful product and material selection

Designing for the Learning Environment

Higher Education: Good Design for a positive impact

Architects
Level: 100
Credit Awarded: 1 LU AIA, HSW

Interior Designers
Credit Awarded: 1 LU IDCEC, HSW

This course will explore how design elements and materials can improve the overall learning experience for students and staff. Designing for higher education settings traditionally included classic elements that reflect a more stoic and conventional atmosphere; however, this approach does not reflect a more contemporary need for students to feel engaged in the learning environment. This presentation will discuss the architect's ability to improve exterior elements like louvers, sunshades, and screens, to interior materials like artistic wall protection, doors, and privacy curtains.

Objectives

- Discuss the importance that design can play in the learning experience of students and staff in higher education.
- Describe features on the building's exterior that can create an inviting, safe, and attractive gateway for the educational experience.
- Explain how materials and design features, like privacy curtains and fire rated doors, on the interior positively impacts the health, safety and wellness of students, staff, and visitors to higher education locations
- Recognize the elements of good design and its positive impact on student and faculty retention, first impressions for visitors, and other key benefits specific to the higher education institution.

The Importance of Acoustics in Healthcare

Designing to Improve Acoustic Conditions for Facility Users

Architects
Level: 100
Credit Awarded: 1 LU AIA, HSW

Interior Designers
Credit Awarded: 1 LU IDCEC, HSW

This course explores the impacts of acoustics on healthcare, outlines the relevant acoustic standards and guidelines, and describes methods and strategies that designers can use to address the issues and improve healthcare facility conditions for patients, families, and healthcare workers.

Objectives

- Recall aspects of acoustics that are detrimental to health when designing healthcare facilities
- Design healthcare facilities that meet or exceed all applicable acoustic standards and guidelines
- Utilize results of healthcare assessments to prioritize acoustic design solutions
- Specify design approaches and materials that improve healthcare acoustic environments

Sustainability

Looping in Sustainability

Architects
Level: 100
Credit Awarded: 1 LU AIA, HSW

Interior Designers
Credit Awarded: 1 LU IDCEC, HSW

This course will introduce the concepts and tools that will help consider the total impact of material selections. These include the five "impact areas" the AIA defines in the organization's Materials Pledge. Circularity – the idea of circularity – a methodology to reduce overconsumption and conserve natural resources—is a key component of these impact areas and will be examined in detail.

Objectives

- Define circularity and why it's important to consider product impacts at all life cycle phases, from extraction to end of life
- Enumerate the five "impact areas" defined in the AIA Materials Pledge and why they should be considered for every product choice
- Explain how to use transparency documents and eco-certifications to select products and materials that address multiple aspects of sustainability
- Describe the Common Materials Framework and how it streamlines materials vetting for practitioners
- Explain how to reduce embodied and occupied carbon levels through design and material specification

Sustainability - Presented Virtually

Why Sustainability and Material Health Matters to You

Architects
Level: 100
Credit Awarded: 1 LU AIA, HSW

A concise overview of the foundations of sustainability and material health; giving contextual solutions and mitigation strategies essential to good design.

Discuss origins and scope of contemporary sustainability in order to place its mitigation of environmental and human health issues into a business/world view.

Objectives

- Describe contextual sustainability in order to understand and integrate its beneficial impacts into the design
- Overlay and relate design and materials selection to human health and environmental impacts
- Engage others in discussions supportive of selecting healthy and sustainable materials

Navigating The Material Health Landscape for Designing Healthy Buildings

Architects
Level: 200/300
Credit Awarded: 1 LU AIA, HSW

This session will provide an overview of the foundations of sustainability and material health for the purpose of identifying contextual solutions and strategies essential for designing healthy buildings. Participants will learn how certifications, and declarations can help them design healthy buildings. It shouldn't be a battle for the best label, but rather the best products for your building.

Objectives

- Be conversant as to the origins and scope of contemporary sustainability in order to place its mitigation of environmental and human health issues into a business/world view
- Understand the design/materials connection to human health and environmental impacts
- Meet the stakeholder's sustainable design requirements using multiple environmental and human health attributes to guide and determine the material selection and approval process