



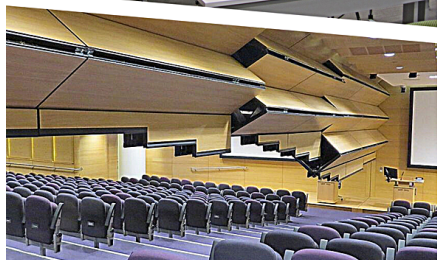
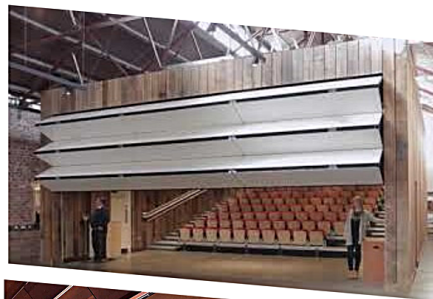
AIA Webinar and In-Person Continuing Education Course Options

Program: 0006 Mastering Architectural Acoustics in Flexible Spaces

1 LU/HSW Hour HSW: YES Sustainable: YES

In this seminar, design professionals, general contractors, owners or facility managers will gain a thorough understanding of architectural acoustics (sometimes called “invisible architecture”).

1. To learn about acoustics in the built environment (invisible architecture) and the effects on well-being, health, and safety including an overview on the Well Building Institute's acoustical comfort recommendations.
2. To understand what sound is, how it behaves in an interior environment and how building materials are classified for their sound control capabilities.
3. To explore acoustical challenges in flexible space and learn how best to control sound including those acoustical challenges with operable partitions.
4. To find solutions through automation and intelligent acoustical design to achieve healthier, more comfortable and productive interior flexible spaces.



Program: 0005 Revolutionizing Flexible Space/Automated Operable Partitions

1 LU/HSW Hour HSW: YES Sustainable: YES

In this seminar, design professionals, general contractors, owners or facility managers will gain a thorough understanding flexible spaces using automated operable partition. We will compare and contrast three types of partitions, understand the acoustics in flexible spaces and cover structural needs, cost and life cycles.

- 1) To recognize the advantages of automated flexible spaces to manage spaces more effectively and efficiently. Automation makes flexibility easy.
- 2) To compare and contrast three types of automated partition, including sizes, acoustical and finish options, and safety measures.
- 3) To understand the acoustical separation (how sound moves) as it relates to flexible spaces and partitions – discussing STC, NIC and surrounding construction.
- 4) To understand the storage and structural considerations of these dynamic systems and the impact on overall design.
- 5) To compare overall cost implications – both initial and life cycle. Selecting products with an eye to overall cost to the client and also to the environment.



KALWALL®

high performance translucent building systems

Provided Number: H144

Program: Daylighting and Sustainable Design

1 LU/HSW Hour HSW: YES Sustainable: YES Presenter: Dean Flann

Topics discussed include the origins of translucent day lighting with the structural sandwich panel, considerations in design, enhancement of day lighting techniques, real energy conservation, the eight systems, and opportunities offered in contrast, design, form, and aesthetics. The benefits of diffused natural day lighting on performance, health, productivity, safety and sustainable design are emphasized. Specialty performance systems including explosion venting, blast resistant, hurricane impact and OSJA fall through protection is included.



Provided Number: J313

Program: Opening Protectives: new perspective in fire + smoke

1 LU/HSW Hour HSW: YES Sustainable: YES Presenter: Dean Flann

The evolution of high temperature materials has made it possible to provide minimal, high performance, code-compliant smoke-and fire-rated protection for openings throughout the constructed environment. This presentation will touch on the building code requirements for fire and smoke protection throughout the constructed environment. Our discussion will address the building code requirements for fire and smoke protection of openings and the innovative curtain solutions available for elevator openings, atrium spaces, stairs, and escalator openings.





Provided Number: J497

Program: Opening Doors to Design Opportunities with the Model Building Codes

1 LU/HSW Hour HSW: YES Sustainable: YES Presenter: Dean Flann

The program covers the many aspects of Fire and Life Safety Code Requirements and how those Code Requirements affect egress and building design.

Objectives:

- 1) Participants will be able to differentiate between fire walls and fire barriers.
- 2) Learners will understand the regulatory standards governing the use and application of wide span opening protectives.
- 3) By examining numerous case studies participants will learn the fundamental code requirements that drive the placement of fire walls and fire barriers, their openings and opening protectives.
- 4) By way of slides, discussion and case studies, participants will see the direct correlation between life safety, product application and open design



Provided Number: J497

Program: FF10 Fire and Smoke Rated Curtains, First Responder

1 LU/HSW Hour HSW: YES Sustainable: YES

This 1-hour seminar is structured to acquaint the design team with basic building code requirements that drive the use of flexible fabric fire and smoke rated wide span opening protectives.

Objectives:

- 1) Draft curtains and their intended use in the fire & life safety system of building structures.
- 2) Characteristics of the flexible fabric egress door and how it complies with current building code means of egress requirements.
- 3) Building code requirements pertaining to opening protectives constructed of flexible fire and smoke rated fabric:

- UL Standards 10B and 10D
- The principles guiding positive pressure testing



Provided: Modernfold
AIA Course Number: IMOD08A

Program: A Sound Decision: Acoustics & Operable Partitions

1 LU/HSW Hour HSW: YES Sustainable: YES Presenter: Nicole Zimmerle

Acoustical control is a critical factor in virtually every type of environment; therefore, selection of the appropriate operable partition is critical. It is important when choosing an operable wall system to not only consider the space /configuration of your application and how the wall operates, but to also examine the wall's acoustical performance. Join us in this one-hour course as we discuss the right wall system, in conjunction with complementing architectural elements, to help produce excellent acoustical control.

Learning Objectives:

By completing this course, the design professional will be able to:

1. Identify the ways acoustics can be measured and how high acoustic levels can affect the physical, mental, and social health of occupants.
2. Illustrate how operable partitions can be used to reduce sound transmission and create multiple configurations that are quiet and effective for a variety of users.
3. Analyze field sound tests used to ensure materials and products comply with standards and guidelines for safe acoustical levels in various applications.
4. Discuss how operable partitions can help projects apply for LEED category credits that guide design professionals in creating spaces that allow occupants to live and work in peace.



Provided: Modernfold
AIA Course Number: IMOD08B

Program: Breaking the Fourth Wall: Modern Operable Wall Systems

1 LU/HSW Hour HSW: YES Sustainable: YES Presenter: Nicole Zimmerle

From simply reconfiguring a room to completely changing how it is entered and exited, operable wall partition systems make rooms more efficient and maximize space by implementing superior technologies. Join us in this one-hour course as we go beyond the basics of operable partitions to address layout, operating clearances, panel construction, and acoustical elements. By the end of this course, design professionals will learn how all of these components work together to impact a project's environment in term of health, well-being, and space management.

Learning Objectives:

By completing this course, the design professional will be able to:

1. Define operable wall systems and discuss how they can improve occupants' wellbeing by implementing space flexibility and daylighting through various panel configurations.
2. Compare and contrast the different suspension systems available for use with operable partitions.
3. List the various types of acoustical seals that can be used with operable partitions in order to improve occupants' health and wellbeing in multi-use spaces.
4. Identify safety considerations of operable partitions, including stopping electric partitions, protecting spaces from fire, and ensuring appropriate clearances.



Provided: Modernfold
AIA Course Number: IMOD08C

Program: On the Move: Automated Moveable Wall Systems

1 LU/HSW Hour HSW: YES Sustainable: YES Presenter: Nicole Zimmerle

With the continual popularity of open-concept spaces, there is an increasing demand for flexible space that allows occupants to reconfigure and redesign their area to fit each day's unique needs. Join us in this one-hour course as we discuss utilizing movable and automated walls to facilitate space management in a variety of applications to meet the diverse needs of different markets. By the end of this presentation, you will be able to identify features and benefits of automated movable wall systems, especially improved social and emotional well-being for occupants and increased safety for operators.

Learning Objectives:

By completing this course, the design professional will be able to:

1. Define space division and flexible space, describing their ability to improve the emotional and social health of occupants.
2. Compare and contrast operable wall systems, especially in their ability to efficiently and effectively encourage social interaction through space management.
3. Discuss the characteristics and benefits of automated walls, especially safety features that ensure occupants and operators are kept from physical harm.
4. Illustrate how automated walls can be used in a variety of applications to meet the diverse needs of different markets.



Provided: Modernfold
AIA Course Number: IMOD08C

Program: Through the Looking Glass: Moveable Glass Partition Systems

1 LU/HSW Hour HSW: YES Sustainable: YES Presenter: Nicole Zimmerle

One of the best ways to craft unique and welcoming environments is by adding openness and natural light to a space. Join us in this one-hour course as we discuss utilizing glass operable walls to facilitate natural light and views in a variety of applications to meet the diverse needs of different markets. By the end of this presentation, you will be able to identify features and benefits of glass operable wall systems, especially increased social and emotional well-being for occupants and increased sustainability.

Learning Objectives:

By completing this course, the design professional will be able to:

1. Identify the need for natural light and views in the workspace, describing their ability to improve the emotional and social health of occupants.
2. Compare and contrast glass operable wall systems, especially in their ability to contribute to LEED category credits.
3. Discuss the characteristics and benefits of glass operable walls, especially suspension systems that ensure occupants and operators are kept from physical harm.
4. Illustrate how glass operable walls can be used in a variety of applications to meet the diverse needs of different markets.

