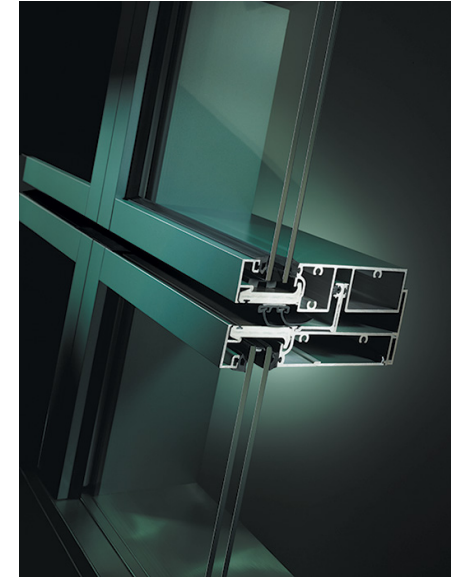


Provider Name: Pace Representatives
Program Title: Commercial Fenestration Fundamentals & Design Considerations
Provider Number: 40107994
Presentation Number: PACEFE012016
Length: 1 Hour
Credits: 1 AIA LU/HSW
Course Format: Instructor Led Face-to-Face
Instructor: Christopher Armstrong, Assoc. AIA, LEED AP^{BD+C}
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carmstrong@pacerepresentatives.com



Learning Objectives:

After attending this session attendees should be able to:

- Understand the functional & performance differences among commercial fenestration solutions
- Understand the impact of daylight & views on occupant well being and productivity
- Understand the relationships among commercial fenestration, occupant comfort and HVAC design
- Understand current code and green building requirements for commercial fenestration
- Implement current best practices for selection and detailing of commercial fenestration

Additional Course Description:

Fenestration systems are a critical component of the building envelope and must manage several control functions while allowing for natural daylight and views. This course will provide attendees with an overview of the general design and performance considerations for commercial fenestration systems. The benefits of natural daylight and views on occupant well being will be discussed. The current code and green building requirements for commercial fenestration will be reviewed in detail. The definition, functional & performance differences among commercial windows, storefront, and curtain wall systems will be reviewed as well as example details for achieving high performance and resilient fenestration systems and transitions to adjacent conditions.

About the Instructor:

Christopher has over 15 years of broad experience in the building design and construction industry in southern New England. He has successfully managed design and commissioning services for multiple projects within the academic, housing, corporate and retail markets. Christopher uses his technical expertise in building science and sustainable design to help project teams incorporate sustainable design measures into their projects by working with them to establish project goals, identify system options, and maximize the tradeoffs between design decisions while minimizing unintended consequences. Christopher is an active member of New England's design and construction community, a current member of AIA Rhode Island's Committee on the Environment (AIARI COTE) (Chair 2007-2013) and the BSA's Building Enclosure Council. He also represents AIA Rhode Island on Rhode Island's Green Buildings Advisory Council where he currently chairs the council's International Green Construction Code (IgCC) subcommittee.