

An Introduction of Fabrics in Architecture

Course Number - SF2020-1

Program description: Discover the different types of performance textiles, and how they can be applied in a variety of architectural applications to solve challenges including occupant health and safety.

Learning objectives:

- Gain an understanding of how performance textiles, applied on the interior and exterior of a building, can help address occupant wellness, energy efficiency, occupant comfort and thermal performance for integrated building design.
- Learn the effects that acoustics have on occupants and how performance textiles enhance the acoustic performance of a space thus making occupants more comfortable and productive.
- Understand the many factors that go into performance textiles on façade applications including thermal and visual protection, increased airflow, smog prevention, and aesthetic benefits.
- Learn how the light weight and flexibility of performance textiles offer tensile structures freedom of design while simultaneously providing UV, weather and acoustic protection
- Garner a deeper understanding of safety, sustainability, and environmental benefits as it relates to fabric in architecture.

Instructional delivery method: Live

Approved LUs and type: 1 LU | HSW

AIA CES program approval expiration date: 04/16/2023

Prerequisites: none

Program level: Introductory

Cost to attend: none

AIA CES Provider statement

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