



AIA CES Course Title: Sun Controls – A Sustainable Design Practice

AIA CES Course No.: SHDG1

Course Description: Construction Specialties Inc is an industry leader in the design and manufacture of custom architectural louvers, louver screen walls, ornamental grilles, shading and day lighting elements, vertical folding doors and blast relief technology. The purpose of this presentation is to identify the principal social, economic, environmental, and human performance factors driving sustainable shading and day lighting design. Strategies essential to optimize thermal performance and interior illumination will be featured in the discussion, including modeling. The intent is to provide a fundamental understanding to support the design and specification of sustainable shading and day lighting systems. We are pleased to offer our AIA CES registered shading and day lighting education program to your firm.

Learning Objectives:

1. Identify economic, environmental and human performance factors that drive shading and day lighting design practices.
2. Understand shading dynamics and the dynamic role of modeling.
3. Explore effective strategies for optimized thermal performance and interior illumination.
4. Consider sun control design options, construction methods, and crucial engineering considerations.
5. Establish a decision process for design and selection of sustainable shading and daylighting systems.

Learning Credit: Attendees will earn one (1) HSW Learning Unit credit for participation.