

DRAPER® FACE-TO-FACE AIA COURSES

K2401H: LED Technology and Support Structures

Light Emitting Diode (LED) displays are quickly gaining ground in architectural AV. LED lasts longer than other technologies; is brighter; is modular in nature; and seamless. This course will introduce the learners to LED technology and discuss the elements of a proper support structure.

Length: One Hour

Credits: **1 AIA LU | HSW**

K2301H: Updated Science of Projection Screens

There are many variables to consider when selecting or specifying a projection screen. In previous years, the same white projection screen material would be specified in nearly all situations. Today's screen technology has created solutions to address issues in each individual projection environment. This class provides an understanding of the issues affecting projected light, and solutions for dealing with them.

Length: One Hour

Credits: **1 AIA LU**

K2402D: Window Shade Fabric Selection: A Performance-Based Approach

There have been many advances in shade fabric technology and performance. This course provides a clear understanding of the impact of fabric color and openness factor on shade performance. We'll how to determine shading coefficient and what it means and discuss different fabric types and their composition.

Length: One Hour

Credits: **1 AIA LU**

K2308B: Window Shades: Their Impact on Building Performance and Budgets

Daylighting has been shown to have positive impacts on building occupants' health, wellness, mood, and productivity. However, it also introduces issues with glare and solar heat gain. Shades address these issues. By introducing motorization and automation, the impact of a building's shading system is maximized while taking into account individual comfort needs in a no-touch environment. Supporting Performance and Maximizing ROI is also covered.

Length: One Hour

Credits: **1 AIA LU | 1 HSW**

K2301E Daylighting 201 A Simple Guide to Motorized Shades and Controls

Properly specifying window shades can maximize the benefits of natural light, conserve energy, and increase the comfort and productivity of building occupants. Shades also contribute to materials reporting for LEED, Well Building, etc. This includes PVC free materials, HPDs, Cradle-to-Cradle certifications, and recycled content. This course outlines the basics of shade specification and introduces the concepts of motorization and automation.

Length: One Hour

Credits: **1 AIA LU**



K2301F Daylighting 301 Managing Daylight with Automated Solar Control

There are many benefits to designing spaces with ample views and daylight, and challenges. Motorized shading can help solve these issues. This course takes a deeper dive into types of motorization and building automation to help get the most out of a daylighting plan.

Length: One Hour

Credits: **1 AIA LU | 1 HSW | GBCI: 1 CE Hour | IDCEC: 1 CEU**

K2309U/K2301G: Managing Glare & Solar Heat Gain with Exterior Shading Systems

Fabric zip systems, venetian blinds, and rack arm systems are highly effective strategies for optimizing daylighting, occupant comfort, and energy savings.

Length: One Hour

Credits: **1 AIA LU | 1 HSW**

K2301K: Safety in the Gym: Specifying Equipment To Protect Users And Spectators

With bigger and faster athletes than ever before, the need for player and spectator safety in gymnasiums has intensified. This course identifies the various components and stakeholders inside a gymnasium, defines standards and features to ensure safety, explains the specification and installation of gymnasium equipment, and describes green certifications for gymnasium equipment.

Length: One Hour

Credits: **1 AIA LU | 1 HSW**

K2104UE: Planning for Optimum Gym Operations

To select the ideal gym control system and strategically utilize electrical circuits for optimized operations and monetary savings, the facility owner, architect, contractor, and controls manufacturer should collaborate early in the project. This will support the safe and efficient operations of equipment including basketball backboards, volleyball equipment, and divider curtains. The course reviews safety protocols and control system options.

Length: One Hour

Credits: **1 AIA LU | 1 HSW**

K2301J: Specifying the Correct Basketball Equipment for Athletic Facilities

To provide a clear understanding of the various factors that must be considered in selecting or specifying basketball equipment for a specific facility. The course discusses the criteria for the selection of the correct backstop series, style, and accessories, as well as standards to be considered when selecting suppliers of this type of equipment.

Length: One Hour

Credits: **1 AIA LU**

FOR PRESENTATION OF ANY OF THESE COURSES IN YOUR OFFICE OR VIA WEBINAR, PLEASE CONTACT YOUR DRAPER REGIONAL SALES MANAGER.