

AIA Course Name: Integration, Integration, Integration: The three most important aspects of lighting, and how to master them.

AIA Category: Project Planning & Design

AIA Course Number: ILAIA04

Learning Units: 3 LUs

Course Description:

A tool-kit to assist Designers in decision making and planning, based on the fundamentals of lighting integration. The course focuses on the three key aspects of lighting:

1. **Schematic** – Integration with the architectural concept or narrative.
 - Analysis of the space and geometry, its function, its aesthetic principles, the needs of its users to ensure light supports the project goals.
2. **Pragmatic** – Integration with the purpose and uses of the space.
 - Considering appropriate techniques to deliver light, such as the type and positioning of light sources, the nature of light provided, its directionality and effect on the space.
3. **Systematic** – Integration with the physical fabric of the building.
 - Selecting specific lighting details to deliver the pragmatic needs of the space, types of equipment required, and understanding how it will physically integrate with the architectural fabric.

Learning Objectives:

1. An understanding of available options when considering lighting within a space.
2. To develop through a structured approach, a strategy for delivering light.
3. To develop a working knowledge of integrated lighting details to support the strategy implementation.
4. A review of relevant real world examples.

Who Should Attend:

Architects, Interior Designers, Lighting Designers, Engineers, Design-Build Contractors, End-Users, Owners Representatives, Facilities Managers, Operations Managers