Course# ALC101

Advanced Lighting and User Designed Controls for Modern Classroom

- AIA HSW Approved - 1 LU, HSW
- NCQLP - 1 LEU (Self-reporting)

Provider:

Finelite, Inc.

Method of Delivery:

The facilitator will use a powerpoint presentation to review the information.

Audiovisual Required:

Facilitator will provide audiovisual equipment. Access to an electrical outlet will be required.

Cost to Participants:

Free

Point of Contact:

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Program Summary

PROGRAM OVERVIEW:
Reducing energy costs and complying with energy codes is only part of the equation for good lighting control for the modern classroom. This presentation examines how we can choose to improve learning with light color and light intensity. Understanding prior research and a recent Department ofEnergy funded study that states teachers, administrators and other users see lighting as a powerful tool to enhance the learning environment and cue behavior within the classroom setting. A key objective of this presentation is to analyze how peers' feedback led to the design of a user friendly interface to meet the objectives of a simple, intuitive, preset control that teachers could modify to suit their goals. A significant part of the study outcome and presentation explains how to make this technology affordable so that it can be implemented today in designing schools that have no additional source of funding. With this user designed lighting control solution, this course explains how the modern classroom can support learning while minimizing operating costs.

LEARNING OBJECTIVES:
Attendees will:
- Examine current research and understand efforts to improve the learning environment through lighting.
- Understand the modern classroom and how users would utilize dynamic lighting to improve the learning environment.
- Understand the importance of a User Interface and examine how user feedback guided product development.
- Investigate the cost of this new lighting technology and its implementation.

FACILITATOR QUALIFICATIONS:
All Finelite facilitators have been trained on guidelines and presentation skills. In addition, all presenters receive continuous training on the science of lighting, best practices, and all applicable energy codes related to the lighting design process.

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