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Advanced Workshops

2015 U.S. Philips Lighting Application Center Course Description

Lighting Application and Design **Workshop**

The three-day Lighting Application and Design workshop addresses the techniques and concepts needed to develop lighting solutions for basic applications.

We take an interactive, experience-based, and participant-centered approach, using full-scale and hands-on demonstrations. Participants observe lighting in action, evaluating and measuring alternatives, predict illuminance and energy code compliance, and practice applying the lighting design process and illuminance selection.

18 Continuing Education Units

Workshop Agenda

- The Lighting Design Process
- The Quality of the Visual Environment and Recommended Practice
- Illuminance Selection
- Predicting Illuminance with Basic Calculations
- ASHRAE 90.1-2010

Learning Objectives

At the completion of the Lighting Application and Design Workshop, participants should be able to:

- Develop lighting concepts for a basic application
- Select lighting systems to meet design parameters
- Calculite average and point-to-point illuminance
- Calculate LPA and LPD for a typical office and education spaces

Logistics

The workshop begins at 8:15 AM on Day 1, participants should arrive the night before. The workshop ends at 12:30 PM on Day 3; participants who are flying home should arrange flights that depart Newark airport after 3:00 PM. Lunch and refreshments are provided. Day 1 will be extended to include an off-site exercise – attendance is required, followed by a group dinner. Other logistical details are available upon registration.

Who Should Attend

This Lighting for Office and Education Applications Workshop is aimed at the needs of lighting and energy specialists, office and education facilities and design personnel, and anyone with two-to-five years of lighting experience and the desire to augment their lighting knowledge and know-how. Fundamentals level workshops (or equivalent) are pre-requisites for this workshop.

US Workshop Fee: $525 USD — Register Now

Location: Somerset, NJ

Scheduled dates
(please refer to www.philips.com/lightingapplicationcenter for final confirmed course dates):

May 18-19
July 15-17

Please email Yolanda Adornato at yolanda.adornato@philips.com with any questions.

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