

The background image shows a modern interior space with several white, cylindrical pendant lights hanging from the ceiling. The lights are arranged in a staggered pattern, with some closer to the camera and others further away. In the background, there are mannequins wearing clothing, suggesting a retail or showroom environment. The lighting is soft and focused on the mannequins.

**PHILIPS**

Lighting  
Fundamentals

2015 U.S. Philips Lighting Application Center Course Description

## Introduction to Lighting **Controls**

The three-day Introduction to Lighting Controls workshop introduces the basics of dimming and remote switching, presence and daylight detection, controls protocols and strategies.

We take an interactive, experience-based, and participant-centered approach. Participants investigate key luminaires using hands-on, “take-it-apart” methods.

**20**  
Contact  
Hours

### Workshop Content

- Principles of lighting control
- Dimming light sources
- Motion and daylight sensors
- Control signals: wired and wireless
- Control panels and networks

For each of the control types, we will cover what it does, where it is used, how it is connected and how to specify and order.

### Learning Objectives

At the completion of the Introduction to Lighting Controls Workshop, participants should be able to:

- Communicate the application and benefits of key lighting control strategies
- Apply code requirements for controls to typical applications
- Explain how to configure basic controls
- Use manufacturer literature and online information to identify products for typical applications

### 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

The Introduction to Lighting Controls Workshop is aimed at anyone engaged in lighting, construction, or design who wants a basic understanding of luminaires and their application. Lighting fundamentals are not covered in this workshop and are a pre-requisite for this workshop.

**US Workshop Fee: \$525 USD** — [Register Now](#)

Location: Somerset, NJ

## Scheduled dates

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

March 24-26  
July 29-31

Please email Yolanda Adornato at [yolanda.adornato@philips.com](mailto:yolanda.adornato@philips.com) with any questions.

