



Join **IES Los Angeles** for the NEW **Fundamental of Lighting (FOL)** course this Fall 2016! Earn up to 21 IESNA CEU's and 21 AIA LUs with HSW credit! The class meets every Wednesday evenings for a total 7 weeks. It is being held at Louis Poulsen. • 8745 Washington Boulevard, Suite E • Culver City • CA 90232.

**Module/Class Schedule:**

09/13/17 - 6:00PM – 9:00PM

***Module 1: Basic Lighting Concepts, Vision, and Color***

Brief History of Lighting– What is Light? Vision? Color?

09/20/17 - 6:00PM – 9:00PM

***Module 2: Electric Light Sources and Ballasts***

Filament lamps • Fluorescent lamps and ballasts • High intensity • Discharge lamps and ballasts • Light emitting diodes (LEDs) • Other electric light sources

09/27/17 - 6:00PM – 9:00PM

***Module 3: Luminaires and Controls***

Methods of light control • Luminaires • Lighting control • Systems • Application examples

10/04/17 - 6:00PM – 9:00PM

***Module 4: Photometry and Calculations***

Photometric data for luminaires • Determining average illuminance • Illuminance equation components/examples • Determining Illuminance at a point • Computer enabled lighting analysis

10/18/17 - 6:00PM – 9:00PM

***Module 5: Lighting for Interiors***

Emotional impact • Degrees of stimulation • Glare and sparkle • Direction and distribution of light • Interior lighting applications

10/25/17 - 6:00PM – 9:00PM

***Module 6: Lighting for Exteriors***

Exterior lighting elements • Critical design considerations • Exterior lighting applications

11/01/17 - 6:00PM – 9:00PM

***Module 7: Important Issues in Lighting***

The lighting design profession • Sustainable design • Daylighting • Lighting economics • Codes and standards • Light and health

Cost of the class is \$250 for current IES members and students (with a current/valid student ID) and \$300 for non-IES members. All required materials are included in the cost of the class. Light snacks will be provided for each class beginning at 5:30. If your company has three or more attendees you will qualify for a 10% discount off the class cost. Checks or money orders will be the only forms of payment accepted.

If the participant would like to order the IESNA Ready Reference, IESNA Lighting Handbook, or would like a special, discounted cost on the CD-ROM version of the IESNA Lighting Handbook, please contact the class coordinator prior to registration.

Credits are available for AIA, AISD/IDA/IDEC and NCQLP programs. No classes may be missed if credits are to be awarded to the participant. Participants not applying for CEU credits are not required to attend every class.

For more information, contact:

Mark Duff  
Prudential Lighting Products  
213.393.9730  
[mduff@plpsocal.com](mailto:mduff@plpsocal.com)



## IESLA - Fundamentals of Lighting (FOL) Class Registration 2017

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Company: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

\_\_\_\_\_

Phone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

IESNA Membership Number (if applicable): \_\_\_\_\_

### ALL REQUIRED MATERIALS ARE INCLUDED IN THE COST OF THE COURSE

- \$250 – (IES Members and Students)
- \$300 – (Non IES Members)
- 1-% discount for companies sending three or more students

### PLEASE CHECK IF YOU REQUIRE INFORMATION ON GETTING CREDIT FOR:

- LU (LC)
- AIA
- ASID
- IDA
- IDEC
- Other CEU – (please specify \_\_\_\_\_)

### HOW DID YOU HEAR ABOUT THE CLASS:

- IESLA
- IESLA e-mail list
- Other e-mail
- Flyer
- Other

Please e-mail completed form to [mduff@plpsocal.com](mailto:mduff@plpsocal.com) or fax to Mark Duff at 213.746-8838.

Once the form is received, we will send you an invoice and address to which you can send your payment. All payments must be received before or on the day of the first class. Checks or money orders only please.

### PLEASE DIRECT ANY FURTHER QUESTIONS TO:

**Mark Duff:** IESLA Education Committee Chair

**Phone:** (213) 393-9730 **FAX:** (213) 746-8838

**Email:** [mduff@plpsocal.com](mailto:mduff@plpsocal.com)