

Join **IES Los Angeles** for the NEW **Fundamental of Lighting (FOL)** course this Fall 2011! 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 GAM Products Inc. 4975 West Pico Blvd. - Los Angeles, CA - 90019 tel. (323) 935-4975.

7 Modules are scheduled to start Wednesday, September 14th and continue every Wednesday (with the exception of October 26th) till November 2nd (we will skip a week in October due to Lightshow West). Classes are from 6pm until 9pm.

Module/Class Schedule:

- 09/14/11 - 6:00PM – 9:00PM
Module 1: Basic Lighting Concepts, Vision, and Color
Brief History of Lighting– What is Light? Vision? Color?
- 09/21/11 - 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
- 09/28/11 - 6:00PM – 9:00PM
Module 3: Luminaires and Controls
Methods of light control • Luminaires • Lighting control • Systems • Application examples
- 10/05/11 - 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
- 10/12/11 - 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
- 10/19/11 - 6:00PM – 9:00PM
Module 6: Lighting for Exteriors
Exterior lighting elements • Critical design considerations • Exterior lighting applications
- 11/02/11 - 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:

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