

LIGHTING AND DAYLIGHTING TRAINING FOR LIGHTING PRODUCT MANUFACTURERS, LIGHTING DESIGNERS AND OTHER INTERESTED PARTIES

NYSERDA currently offers technical daylighting and other professional development training programs for lighting manufacturers, lighting designers and specifiers, and other interested parties.

Through NYSERDA's Daylight Training contract with Rensselaer Polytechnic Institute's Lighting Research Center (LRC),

the LRC will conduct six regional, two-day, daylight training sessions in six different locations in NYS in the fall of 2008 and spring of 2009. Probable locations include Buffalo, Syracuse, Troy, White Plains, New York City, and Long Island. The seminars include hands-on, interactive training in daylighting for owners, building managers, architects, and engineers. Day one covers how and why one should do quality daylighting, including techniques and technologies. Day two covers the specification, installation, commissioning, and economic analysis of daylight harvesting."

Curriculum materials are developed in response to audience surveys.

Continuing education credits will be offered.

Through NYSERDA's membership in the LRC Partners Program, the LRC has developed several outreach education programs:

The LIVE! From the LRC

An Internet Teleconference Seminar Series that allows lighting questions to be answered by the leading authorities in lighting today. Past seminar topics include: Truths and Myths in Lighting; Lesson from Research; Energy-Efficient Lighting: What's New; Daylighting Techniques: What Works? Light and Health; Advanced Seminar on Outdoor Lighting. The LIVE! From the LRC series was last offered in 2006, but the series could be updated and offered again if there was interest.

LED Lighting Institute

An in-depth training and hands-on experience in working with the latest LED technologies for a variety of applications. These 3-day trainings are offered twice annually and attendees

- Learn about the latest advances in LED technology

- Learn about strengths and weaknesses of LED products

- Learn to design lighting installations using LEDs

- Learn to select and specify LED lighting system components

- Observe hands-on demonstrations of a full range of LED technologies used in a variety of applications

- Experiment with LED lighting technology by building sample lighting fixtures

- Learn how to match application requirements with available technologies

- Learn about the latest LED research and testing

- Receive an LRC continuing Education Certificate in LED Lighting

Lighting Education Online

An online training resource for building, design, and facility management professionals who

want to learn more about light and lighting. Tuition is \$125 for the general public and New York State residents can take the course for \$25.

Photosensor Tutorial

The LRC's online photosensor tutorial is for specifiers, contractors, lighting designers, manufacturers, and anyone interested in reducing the energy they use for lighting. The information in this tutorial is organized in levels of increasing detail to make it accessible to everyone. There is no charge for this tutorial.

Lighting Graduate Programs

The LRC also administers the lighting graduate degree programs within the School of Architecture at Rensselaer Polytechnic Institute. The M.S. Program in Lighting has been offered since 1990, and a Doctorate degree program with a specialization in lighting research has been offered for several years. The mission of the LRC's graduate education programs remain the same, "to educate the future leaders in lighting."