NXT LEVEL 2 CURRICULUM OVERVIEW

Building on the lighting techniques and technologies delivered in NXT Level 1, NXT Level 2 equips lighting professionals with an advanced curriculum featuring a hands-on combination of in-person and online training.

NXT Level 2 starts with an all-day, in-person workshop followed by online courses, webinars and/or interactive field-based assignments.

In-person workshop
Qualifies for 8 CEUs

Divided into the three sessions listed below, the in-person workshop provides an overview of important considerations in lighting evaluation and application.

1

Lighting Assessment
Review key factors in evaluating a lighting system, including:

- Assessing human factors and considerations
- Evaluating the condition of existing lighting equipment and lighting conditions
- Reviewing all spaces to determine if lighting redesign is feasible
- Determining the electrical service and architectural conditions that may limit retrofit options

2

LED Lighting Systems
Receive an in-depth analysis of LED technology and applications including:

- Evaluating new lighting products for performance, energy use, reliability, and overall cost-effectiveness in a retrofit application
- Assessing the equivalency of LED product to other technologies
- Determining how application conditions affect performance and life
- Dimming compatibility and considerations

3

Lighting Controls Technologies
Understand current control technologies and applications, including:

- Selecting the optimal control type and technology for all projects, as appropriate
- Assessing control system compatibility and interoperability with other controls and lighting components/equipment
- Matching the appropriate controls strategies to all projects

Online courses, webinars and assignments

Upon completion of the all-day workshop, participants will select at least one area of specialization and complete the associated online courses, webinars and/or assignments. Areas of specialization include:

1

Project Development

- **Leveraging Lighting Benefits to Sell Projects** [2-hour online course]
  Understand how to use the attributes and benefits (energy and non-energy) of new lighting technologies to help increase sales

- **Selling Advanced Lighting Projects** [2-hour interactive webinar]
  Learn to prepare well-organized proposals, both verbal and written, while achieving the client's goals for their project

- **Lighting Sales Field Assignment** [2-hour assignment]
  Assessment to conduct and document the results of a sales meeting with a client to practice application of these objectives in the field

2

Design & Specification

- **The Process of Lighting Design** [2-hour online course]
  Learn to select appropriate lighting equipment and articulate design approaches and techniques to meet client's goals

- **Designing State-of-the-Art Lighting Projects** [2-hour interactive webinar]
  Evaluate new lighting products for performance, energy use, reliability, and overall cost-effectiveness in a retrofit/redesign application

- **Design Field Assignment** [2-hour assignment]
  Develop and analyze at least two redesign approaches to address client goals; apply recommended practices; design and analyze lighting layouts.

3

Installation & Setup

- **State of the Art Lighting Technologies & Controls** [2-hour online course]
  Understand and identify all components within a lighting system, their application and limitations (including environmental issues)

- **Installing State-of-the-Art Lighting Systems** [2-hour interactive webinar]
  Learn to efficiently assess lighting layouts and drawings, lighting schedules, product specification sheets and luminaires

- **Configuring Lighting Control Systems** [2-hour interactive webinar]
  Understand lighting control technologies and available options for specific applications, including compatibility, networked controls and configuring systems

NXT LEVEL

For more information or questions on NXT Level 2,
visit nxtleveltraining.com or contact us at

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