



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

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→ LEVEL ←

For more information or questions on NXT Level 2, visit
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