

## Bentley Building Electrical Systems Fundamentals V8i

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**Course Type:** Classroom: Hands-on

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**Products Covered:** Bentley Building Electrical Systems V8i Edition

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**Course Description:** Students will learn to design and edit different electrical properties, connect elements in circuits using cable manager and generate different reports and schedules from the model. Emphasis will be on modeling electrical subsystems including lighting and power analysis interfaces.

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After this course students will be able to:

**Learning Objectives:**

- set-up project design files, define building structure and room spaces
  - create best-practice examples for lighting using different symbol placement
  - create lighting design using Relux interface
  - set-up user-defined properties for lighting fixtures and panels
  - connect lighting and power devices into circuits
  - design simple raceway layouts
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**Course Topics:**

- Design File Set-up
  - Symbol placement and 3D properties
  - Click and Learn Technology
  - Lighting Design using Relux application
  - Circuit and cable management
  - Raceway design
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**Course Prerequisites:**

**Course Details:**

- Working knowledge of basic electrical design concepts and practices
- Attendance or review of the 2D to 3D MicroStation course

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Learning Units: 16

Display LUs in: hours

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