



REVIT MEP ELECTRICAL CURRICULUM

BIM and Revit

- BIM
- The basics of Revit software

Revit - user interface

- How to use Revit
- User interface
- Project - basic movements through the project
- Create a view

Project

- How to choose a template for project
- Levels
- Reference planes
- Work planes
- Visibility control and categorization

Import, links and cooperation on the project

- Import / Link CAD file
- Import / Link Architectural File
- Copy / Monitor

Electrics

- Cable trays
- Conductors
- Wires
- Switches
- Sockets
- Alarm devices
- Security devices
- Lighting

Families

- Family templates
- Categorizing families

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- Creating types
- Using Families in a Project

Electric circuits

- Electrical circuits and systems in Revit
- How to create and modify Power systems
- MEP settings
- Voltage definitions

Lighting

- How to add and modify switches
- How to add and modify lighting fixtures
- How to create and modify lighting circuits

Tags and symbols

- Dimensioning in project
- Text elements
- Tag of families

Tables, Legends and Objects Quantities

- Sorting, creation and grouping of schedules
- Panel Schedules
- Creation of legends
- Sheet Compilation and Publication

Print

- Configuration "print setup" options
- Printing
- How to export different formats from the Revit file