



Revit & Autocad Electrical Tutorial

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Revit & Autocad Electrical Tutorial: Welcome to my Revit Electrical tutorial, a comprehensive guide covering various aspects of Revit electrical design. This tutorial encompasses lessons on setting up a Revit electrical project, including creating schedules, power layouts, lighting layouts, ELV systems, cable tray settings, and drawing cable trays, among other electrical design-related systems. The tutorial also covers load scheduling, sheet creation, preparation of system families related to electrical components, and the creation of electrical layouts and shop drawings in Revit.

In this course, you will learn about central model creation, annotation, tags, PDF creation, electrical wiring, power circuiting, views from linked models, work set creation, template creation, view range, schedule, and quantities management, model linking with CAD files, drafting view settings, duplication of views and templates, filter settings, electrical system settings, power distribution settings, legend creation, line type settings, detail view creation, view management, linked model management, spacing and room tagging, scope box creation, single-line creation, and sheet number and view development as per BEP standards.

The course is tailored for:

- Electrical engineering or design professionals require skills in creating electrical plans using Revit.
- Beginners and students seeking proficiency in integrating electrical systems seamlessly into building designs.
- Architects aim to enhance their ability to incorporate electrical systems using Revit.
- Students pursuing degrees in electrical engineering, architecture, or related fields seeking proficiency in Revit for electrical design.
- Contractors, project managers, and construction professionals aim to understand and collaborate effectively with electrical engineers and designers.

This course is designed for beginners in BIM Electrical, providing foundational knowledge and practical skills for aspiring BIM Engineers or BIM Modelers. By the end of the course, you'll have a strong understanding of the Revit Electrical user interface, efficient project organization, effective presentation of electrical designs, and the ability to create and modify electrical drawings using Revit, essential skills for securing a position in the field.



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