

AutoCAD MEP – Electrical

This course provides new users with essentials-level training in AutoCAD® MEP. Students will learn recommended workflows and fundamental skills required to navigate AutoCAD MEP and use its tools to create and modify electrical systems. Given a complete architectural building model, students will be able to add electrical systems, as well as extract 2D drawings for construction documents.

After completing this course, students will be proficient in using AutoCAD MEP tools and resources to increase MEP drafting productivity.

Who should attend?

The target audience for this class includes designers, CAD managers, and drafters at MEP engineering firms.

Prerequisites

Experience with AutoCAD software and basic knowledge of MEP engineering processes and terminology is required. Prior completion of AutoCAD Projects and Tools Essentials recommended. Students should have a working knowledge of the Microsoft Windows environment.

Questions?

Please call us at 800-336-3375.

Course Outline

- Attaching Architecture Drawings to MEP Drawings
- Laying out Lighting Fixtures and Power Devices
- Creating Electrical and Power Circuits
- Creating Circuits Wiring
- Balancing Panel Loads
- Customizing and Creating Panel Schedule
- Configuring and Creating Cable Trays and Conduit
- Adding Tags and annotations
- Creating Sections and Elevations
- Creating Lighting and power Schedules
- Creating Electrical Floor Plans layouts
- Creating Details and callouts
- Creating Legends
- Importing and exporting to AutoCAD
- Creating Project template
- MEP settings
- AutoCAD MEP Overview
- Starting an MEP project