

AutoCAD Electrical Fundamentals

The AutoCAD® Electrical: Fundamentals with NFPA Standards learning guide covers the indispensable core topics for working with the AutoCAD® Electrical software. In this learning guide, you will learn how to use many of the powerful electrical drawing creation tools in the AutoCAD Electrical software. You will create schematic drawings (ladder logic and point to point), panel drawings, and PLC-I/O circuits using automated commands for symbol insertion, component tagging, wire numbering, and drawing modification. In addition, you are introduced to methods of customizing AutoCAD Electrical symbols, circuits, and databases. Other topics covered include titleblock linking, reporting tools, templates, and project files.

Topics Covered:

- Understanding project files
- Creating and editing schematic and panel drawings
- Working with PLC symbols
- Creating custom symbols
- Generating reports

Prerequisites:

Before using this guide, students need to have a good working knowledge of the AutoCAD® software and electrical terminology.