APPLIED
ENGINEERING • TECHNOLOGY

AutoCAD Electrical Fundamentals

Course Description

AutoCAD Electrical Fundamentals covers the indispensable core topics to work with AutoCAD Electrical. Students learn how to use many of the powerful electrical drawing creation tools in AutoCAD Electrical.

Learn to 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, the training guide introduces methods of customizing AutoCAD Electrical symbols, circuits, and databases. Other topics covered include title block linking, reporting tools, templates, and project files.

Topics include:

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

Course Duration: 3 days

Required Credits: 12 credits

Prerequisites:

A background in electrical design with knowledge of AutoCAD and electrical terminology.

All training courses are available on-site by request, and regularly scheduled at our office locations.

- Brooklyn Park, MN
- Bismarck, ND
- Eau Claire, WI
- Sioux Falls, SD
- Fargo, ND

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