



AutoCAD® Electrical Fundamentals

Objective: Discover the many AutoCAD® Electrical utilities that enable users to quickly create and manage electrical-controls production drawings. Users focus on how to build intelligent ladder diagrams and panel layouts, and how to leverage the intelligence built into AutoCAD® Electrical. Hands-on exercises representing real-world design scenarios for the JIC (US) standard are included.

Course Length: 4 days (32 hours)

Day 1

- Wires and Ladders
- Wire Numbers and Leaders
- Inserting Schematic Symbols

Day 2

- Terminals, Multiple Level Terminals & Jumpers
- Circuits & Multiple Phase Circuits
- Update and Retag Drawings

Day 3

- Creating Wire Types
- Creating Drawing Templates
- Custom Components and Panel Footprints

Day 4

- Updating Schematics from Spreadsheets
- Generating Automatic Reports
- Using the Circuit Breaker

- Lunch is included.
- Class is from 8:30 a.m. to 5:00 p.m.
- Students will receive a certificate upon completion.
- After completion of an entire class, students may audit the same class for one year, if space is available in the class.
- The entire class is purchased at one time, but individual days may be attended sequentially over several months.

Prerequisites: A working knowledge of basic design/drafting procedures and terminology as well as Microsoft Windows XP or Windows 7.

Cost: \$325 per day plus a \$100 fee for a manual which must be purchased for enrollment.

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