RPI
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Class Outline & Syllabus

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
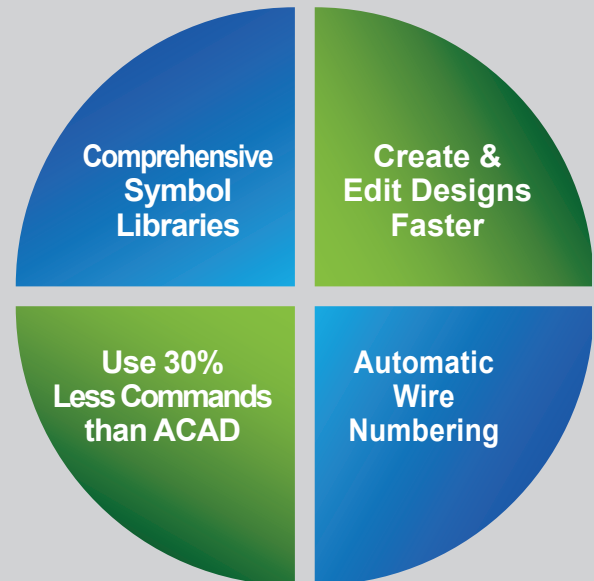- Update and Retag Drawings

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 when training at our facility.
- Class is from 8:30 a.m. to 4:30 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.
- Attend the class in person at our training center in Atlanta or virtually from anywhere in the world via the internet

Prerequisites: A working knowledge of basic design/drafting procedures and terminology as well as Microsoft operating system.

Comprehensive Symbol Libraries

Create & Edit Designs Faster

Use 30% Less Commands than ACAD

Automatic Wire Numbering

Advantages to Training at Repro Products' Autodesk® Authorized Training Center:

- Learn from our Autodesk Certified instructors at our superior facilities.

- Receive Autodesk® recommended content from Autodesk® Official Training Guides.

- Get your hands on sample projects and exercises that emphasize real-world application.

Call 678-640-9965 to schedule your training.

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