AutoCAD Electrical – Open Enrollment

SOLIDCAD
CANSEL GROUP

General Information:

Duration: 3 days

Prerequisite: Completion of AutoCAD Introduction or equivalent

Courseware: Included

Achievement: Certificate

Time: 8:30 am – 4:30 pm

Locations: All courses are offered online, on-site, or in-person at SolidCAD training facilities across Canada, including:

Burnaby, BC
Calgary, AB
Edmonton, AB
Winnipeg, MB
Richmond Hill, ON
Montreal, QC
Quebec City, QC
Dartmouth, NS

Pricing, Registration & Scheduling: Please contact our training coordinator at 1-877-438-2231 x227 or via email at training@solidcad.ca

Complete course listing:
www.solidcad.ca/training

AUTODESK
Learning Partner

Course Description:

AutoCAD Electrical Open Enrollment program teaches the use of AutoCAD Electrical for creation of electrical control schematics and footprints, following the industry-standard "ladder-style" diagrams. Through the use of intelligent, electrical-oriented workflow, students will learn to create schematic drawings, panel layouts and various reporting tools.

Upon completion, the users will have gained a solid understanding of AutoCAD Electrical, enabling them to take advantage of the time-saving capabilities of the software to create electrical designs efficiently and accurately.

Learning Objectives:

- Basic Project Manager, User Interface and Customization
- Schematic Drafting & Basic Electrical Workflow
- Schematic Editing Tools
- Wire Creation & Numbering
- Source / Destination symbols and Cross-Referencing
- Inserting Components & Working with the Catalog Browser
- Creating & Re-using Standard Circuits
- Panel Layout Tools
- Terminal Blocks and DIN rails
- Terminal Strip Editor
- Working with PLCs (Parametric vs. Full Units)
- Symbol Creation (Customizing, Authoring, Importing & Updating)
- Automatic Titleblock Updating
- Reporting Tools (Bill of Materials, Cable/Wire Lists, Components list, etc.)
- Project-wide Productivity Tools (Copy Project, Re-Tag, Re-Number, etc.)
- Plotting and Publishing
- Project Configuration & Settings
- Drawing Settings, Formatting and Styles

Supplemental Learning:

AutoCAD Electrical Customized Training
- Electrical workflow optimization & best practices
- Database customization (Catalog, Secondary, Footprint Lookup etc.)
- Working with customization files (.wdl, .wdi, .wdr, etc.)