

Course Details:

Duration: 4 Days

Prerequisite: Completion of AutoCAD Introduction or equivalent

Courseware: Included

Achievement: Certificate

Time: 8:30 a.m. – 4:30 p.m.

General Information:

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

Burnaby, BC
Calgary, AB
Edmonton, AB
Regina, SK
Winnipeg, MB
Richmond Hill, ON
Ottawa, ON
Montreal, QC
Quebec City, QC
Hanwell, NB
Halifax, 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

Course Description:

AutoCAD Electrical Introduction 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:

- Project Configuration & Settings
- Drawing Settings, Formatting and Styles
- Project Manager, User Interface and Customization
- Schematic Drafting & Basic Electrical Workflow
- Schematic Editing Tools
- Wire Creation & Numbering
- Source / Destination symbols and Cross-Referencing
- 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)
- Titleblocks and Templates (Customizing & Updating)
- Reporting Tools (Bill of Materials, Cable/Wire Lists, From/To, etc.)
- Project-wide Productivity Tools (Re-Tag, Re-Number, Swap, etc.)
- Plotting and Project Archiving

Supplemental Learning

AutoCAD Electrical Advanced Training (customized)

- Database customization (Catalog, Footprint Lookup, Pin Lists, etc.)
- Working with customization files (.env, .wdl, .wdi, .wdr, etc.)
- Creation of custom PLC modules
- Integration with Inventor and Vault Basic / Professional