OTTAWA ECA (OECA)

The voice of the electrical industry in the greater Ottawa area

DAY 1 · ONE-DAY COURSE · FUNDAMENTALS

DRAW SMARTER. DELIVER FASTER.

AutoCAD Electrical Fundamentals: hands-on training that takes you from the basics to project-ready schematics.

WHY ATTEND

AutoCAD Electrical automates the repetitive parts of electrical drafting: tagging, wire numbers, cross-references and reports. In one focused day you learn how to set up projects, draw control circuits, work with PLCs and produce accurate documentation. New to AutoCAD or already experienced, you leave ready to use it on your next job.

FOR YOUR DAY-TO-DAY WORK

- Draw schematics in less time with intelligent symbols
- Automatic wire numbers and tags replace manual typing
- Insert PLC I/O in minutes, not hours
- Create your own symbols and one-click reports
- Add a high-demand design skill to your toolkit

FOR YOUR COMPANY

- Faster drawing turnaround and project delivery
- Consistent, standards-based drawings across the team
- Fewer errors, less rework, fewer surprises on site
- Accurate reports and parts lists straight from the drawing
- More value from your software investment

WHAT YOU WILL COVER

Introduction
Interface, screen layout and what AutoCAD Electrical can do

Project Files
Create projects, WDP files and the Project Manager

Schematic Drawing
Wire numbering, tagging, control circuits, editing

PLC Symbols
Parametric PLC insertion and individual I/O points

Custom Symbols
Build symbols, naming, icon menus and databases

Reports
Run automatic reports and the Electrical Audit

RESERVE YOUR SEAT

Places are limited. Book your team onto the next session.

DAY 1 · Wednesday, January 13, 2027
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ecaottawa.org/training