



# LUKE GREEN I.C.T LTD

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## AutoCAD Electrical Training Course Outline

### Course Duration

5 days, 10am – 2pm

#### Module 1: Introduction

- What is AutoCAD Electrical
- Screen layout

#### Module 2: Understanding project files

- Creating a new project
- WDF project files
- Project manager interface

#### Module 3: Electrical schematic drawing

- Wire numbering
- Component tagging
- Electrical control circuits
- Schematic symbol libraries
- Editing commands

#### Module 4: Working with PLC symbols

- Insert PLC (parametric) and (full units)
- Insert individual PLC I/O points
- PLC based tagging
- Spreadsheet to PLC I/O utility

#### Module 5: Creating custom symbols

- Creation of schematic symbols
- Naming convention
- Icon menu wizard
- AutoCAD Electrical databases

#### Module 6: Generating Reports

- Put on drawing
- Configure report templates
- Running automatic reports
- Electrical audit

#### Module 7: Terminal plan drawing

- Insert terminal symbol
- Manipulation of the terminal plan
- Multiple level terminals
- Multiple insert component command
- Insert jumpers
- Terminal strip editor
- DIN Rail command