



## AutoCAD Electrical Quick Start – Productivity

1 Day Course

### Who Should Attend?

This course is designed for new users of AutoCAD Electrical.

Previous basic knowledge of computers and AutoCAD is required. The course is aimed at Electrical Engineers who have good understanding of the electrical design process.

### Objectives

This quick start day is intended to gain better documentation out of your design process quicker whether it be wiring diagrams, panel footprint drawings, general assembly's or the automation of the project documentation.

### Agenda

**Note:** We normally train on the latest version.

During the course delegates will cover:

#### Agenda Topics:

- **Automatic Report Generation/Reports**
  - Creation of an Automatic Report grouping file – you can combine several format SET files and save them as a group. You can use the group later to generate multiple reports automatically in a single command operation
  - Producing a Combined Schematic/Panel Bill of Materials with item numbers
  - Filtering Reports
  - Changing the Preferred Manufacturers Within Parts Selection
  - Defining Your Own Internal Stock Number within The Parts Database / Reports
  - User Definable Attributes Within Reports
- **Automatic Terminal Rail Generation**
  - You can create all your terminal information in table format automatically in a single command operation
- **Panel Layouts**
  - Assigning footprint blocks - Editing the footprint Database
  - Defining Panel drawing settings
- **Panel Layouts (Continued...)**
  - Configuring balloons
  - Assigning item numbers and inserting balloons
  - Annotating a panel layout
  - Changing the Attribute Text Height on Multiple Objects
  - Editing the Footprint Database
- **Reverse Engineering**
  - Creating a panel layout prior to a schematic
  - Creating a terminal rail prior to a schematic
- **Wiring Diagrams**
  - Defining Wire Connection Order
  - Adding wire data to footprints
  - Discussing and selecting the correct wire connection annotation formats
  - Annotating wire from/to information into panel footprints or traditional symbolic wiring diagrams
  - Creation of Cable Diagrams



*The above may be varied to suit client's preferences and requirements.*

## Qualifications

On completion of the course you will be presented with an Autodesk Authorised Training Certificate.

