



TECHHUB SOLUTIONS

...be step ahead in your field

AutoCAD Electrical

Main Topic	Sub Topic
Introduction to AutoCAD	• Introduction to AutoCAD 2D and 3D (Mechanical & Civil topics covered) • Introduction to AutoCAD Electrical • Settings and Configuration • Navigating the User Interface
Electrical Design Fundamentals	• Overview of Electrical Design Workflows • Understanding Wires and Creating Wire Types • Wire Type Procedures • Single Wires and Components • Inserting Wires • Point-to-Point Wiring Drawings • Creating Point-to-Point Wiring Diagrams and Drawings • Addition of Wire Numbers
Working with Circuits	• Managing Circuits • Multi-Wire Circuits • Circuit Editing and Modifications
Schematic Drawings and Symbols	• Inserting and Annotating Schematic Symbols • Editing Commands

	• Symbol Creation and Editing • Title Blocks – Creation and Customization
Panel Drawings	• Creating and Editing Panel Layouts • Inserting Components and Annotations • Using Editing Commands for Panel Drawings
Terminals and Connections	• Understanding Terminal Symbols • Terminal Strip Creation and Editing • Terminal Numbering and Organization
Project Management	• Managing Projects in AutoCAD Electrical • Creating and Handling Project Files • Working with Multiple Drawings • Managing Inter-Drawing Relationships
Report Generation	• Automatic Report Generation • Customizing Reports (BOM, Wire Lists, Component Lists, etc.) • Exporting and Printing Reports