



**AutoCAD
Electrical Essentials
CERTIFIED TRAINING**

AutoCAD Electrical Essentials Certified Training

Courseware Description

The AutoCAD Electrical Fundamentals with NFPA Standards training course covers the indispensable core topics for working with the AutoCAD[®] Electrical software. In this training course, you will learn how to use many of the powerful electrical drawing creation tools in the AutoCAD Electrical software. You will create schematic drawings (ladder logic and point to point), panel drawings, and PLC-I/O circuits using automated commands for symbol insertion, component tagging, wire numbering, and drawing modification. In addition, you are introduced to methods of customizing AutoCAD Electrical symbols, circuits, and databases. Other topics covered include titleblock linking, reporting tools, templates, and project files.

The main topics in the training include:

- Understanding project files
- Creating and editing schematic and panel drawings
- Working with PLC symbols
- Creating custom symbols
- Generating reports

Duration

3 Days

Who Should Attend

- This course is designed for new AutoCAD Electrical user.
- This course is designed for user who have electrical knowledge.

Pre-Requisites

Before taking this course, students need to have a good working knowledge of the AutoCAD[®] software and electrical terminology.

Course Achievement

Autodesk ATC Certification of Completion shall be issued to participants with full attendance record upon training completion.

Course Content

Chapter 1: Introduction to AutoCAD Electrical

Chapter 2: Project Files

Chapter 3: Schematics I - Single Wires/Components

Chapter 4: Schematics II - Multiwire and Circuits

Chapter 5: Editing Commands

Chapter 6: Panel Drawings

Chapter 7: Terminals

Chapter 8: PLC Symbols

Chapter 9: Point-to-Point Wiring Drawings

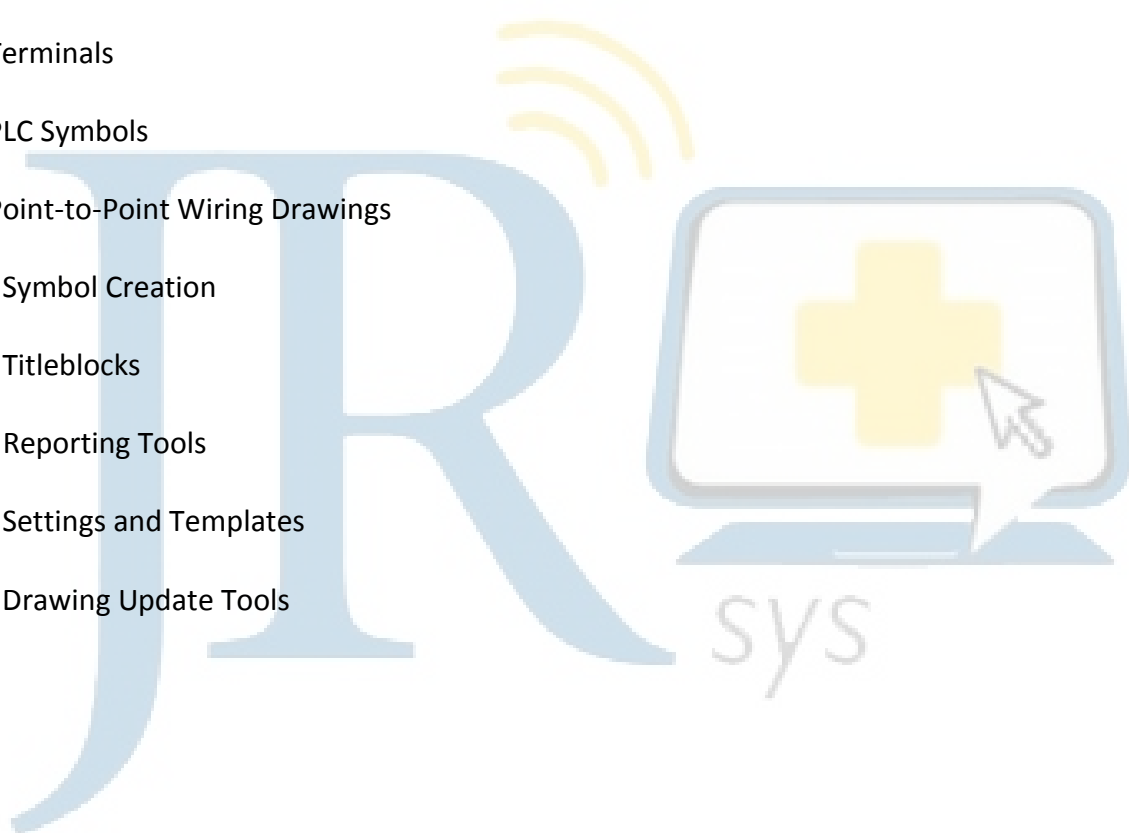
Chapter 10: Symbol Creation

Chapter 11: Titleblocks

Chapter 12: Reporting Tools

Chapter 13: Settings and Templates

Chapter 14: Drawing Update Tools



Note : The Course duration is a guideline. Course topics and duration may be modified by the instructor based on the knowledge and skill level of the course participant.

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