

# Learn AutoCAD Electrical from the masters



*Autodesk® AutoCAD® Electrical is a state of the art system tool purpose-built to create and modify electrical control systems. This includes the functionality of AutoCAD along with additional features like system libraries especially included for electrical design purposes.*

*The system libraries help designing, layouting, drafting and testing electrical circuits on various levels, thus helping in the entire build designing of any component.*

**ENVISION™**  
Computer Training Institute  
An ISO 9001:2008 Certified Company

## Syllabus

- **Basics:** Introduction to Electrical CAD interface, Electrical Components and Wires, Design Methodologies, Project Files, Accessing Project Files, Add a Drawing to a Project File, Managing Drawings in Projects, Project Manager Drawing List
- **Schematics I:** Single Wires/Components, Referencing, Ladders, Insert Wires, Edit Wires, 3-Phase Components, Source & Destination Signal Arrows, Insert Component, Parent/Child Components
- **Schematics II:** Multiwire and Circuits, Dashed Link Lines, 3-Phase Ladders
- **Circuits and Cables:** Cable Markers, Fan In/Out, Insert Saved Circuits, Save Circuits to Icon Menu, Circuit Clipboard, Circuit Builder, Copy Component, Align, Delete Component, Attribute Editing Commands
- **Panels:** Panel Drawings, Insert Footprint (Icon Menu), Insert Footprint (Schematic List), Insert Component (Panel List), Edit Footprint, Assign Item Numbers, Insert Jumpers, Terminal Strip Editor, PLC Symbols, Insert PLC (Parametric), Insert PLC (Full Units), Insert Individual PLC I/O Points
- **Wiring:** Point-to-Point Wiring Drawings, Insert Connectors, Edit Connectors, Schematic Symbols, Naming Convention, Icon Menu Wizard
- **Database and Plotting:** AutoCAD Electrical Databases, Project Database, Catalog Database, Footprint Lookup Database, PLC Database, Plot Project, Export to Spreadsheet, Update from Spreadsheet, Copy Project, Verify Drawings.

**Duration: 78 Hours**

### **Bibwewadi**

1<sup>st</sup> Floor, "Yasho-Parva",  
Sant Eknath Nagar - I, Bibwewadi,  
Pune - 411 037

Call: 020-65000419 / 8485812611

### **Nal Stop**

3<sup>rd</sup> Floor, "Upendra - 1",  
Next to Hotel Nisarg, Erandwane,  
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3<sup>rd</sup> Floor, "Utkarsh", Telco Kapoor Soc.,  
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## About Envision Computer Training Institute (ECTI)

Established in 1999, ECTI has been effectively substantiating the ever rising needs of technical training in the social and business scenario. The institute is successfully paving its way through the fields of Programming and Engineering, acting as a full proof educational facilitator thus consistently delivering the demand of industry ready professionals.

## Courses

### Job Guaranteed Courses

- ▶ Diploma in Graphics & Semantic Web Designing
- ▶ Full Stack Development - PHP, Java, .NET
- ▶ Diploma in Android Apps Development
- ▶ Diploma in Architectural Design
- ▶ Diploma in Engineering Design
- ▶ Diploma in Web Apps Development - PHP or .NET Track

### Electrical & Mechanical CAD

- ▶ CATIA
- ▶ Siemens NX
- ▶ Electrical Wiring Harness
- ▶ AutoCAD<sup>®</sup> Electrical
- ▶ Revit<sup>®</sup> MEP

### Alias Concept Modeling

### Programming Languages

- ▶ Android
- ▶ JAVA
- ▶ .NET / Advanced .NET
- ▶ WCF, WPF, MVC
- ▶ PHP / MySQL
- ▶ C, C++, DS

### Civil CAD

- ▶ Trimble SketchUp Pro
- ▶ Revit<sup>®</sup> Architecture
- ▶ 3ds Max
- ▶ AutoCAD<sup>®</sup>

## Our students placed in



## Why ECTI?



Placement or Money Back



Cost Effective



Industry Experts Lectures



FREE Soft Skills Training



Mock Interviews by HR



Most Updated Syllabus

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