

CERTIFICATION IN ELECTRICAL CAD

Master's in Electrical CAD skills & and take your career to the next level!



WHO CAN JOIN THE COURSE?

- Students of Electrical Engineering are pursuing or having completed a degree or diploma in Electrical Engineering.
- Electricians, maintenance engineers, or draughtsmen looking to upskill. Useful for jobs in construction, panel design, building services, or industrial automation.
- B.E./B.Tech holders in Electrical, EEE, or similar fields. Looking to work in electrical design, project planning, or MEP services.

GIMPLES OF OUR SUCCESSFUL TRANSITIONS





Duration- 8 Weeks

PROGRAM CURRICULUM-I

Introduction

- .AutoCAD Electrical 2014
- .Using The Working Files

The Basics

- .Welcome Screen
- .Autodesk 360
- .Ribbon Interface
- .Command Line
- .Status Bar
- .DWG Filetypes
- .Using The Mouse
- .Model And Layout Tabs
- .Startup Variable – Part 1
- .Startup Variable – Part 2

Drafting Settings

- .INFER
- .SNAP And GRID
- .ORTHO
- .POLAR
- .OSNAP
- .3DOSNAP

- OTRACK
- .DUCS
- .DYN – Part 1
- .DYN – Part 2
- .LWT
- .TPY
- .QP
- .SC
- .AM
- .ISOLATE

Typical Examples

- Typical Electrical Drawing – Part 1
- Typical Electrical Drawing – Part 2
- Typical Connector Drawing
- .Typical Schematic Drawing
- .Typical Panel Drawing
- .Using Existing Templates
- Using Layers

Basic Workflow

- .The Environment
- .Quick Access Toolbar



Duration- 8 Weeks

PROGRAM CURRICULUM-II

- .InfoCenter
- .Basic Project Workflow

Project Basics

- .Project Files
- .Project Manager
- .Project Drawing List
- .Descriptions And Sections
- .Making Further Changes
- .Batch Plotting
- .Moving Through Project Drawings
- .Copying Projects

Schematic Wiring

- .Wires And Ladders
- .Point-To-Point Wiring
- .Splicing
- .Multiple Wires
- .Wire Numbers And Leaders
- .Source And Destination Signals

Schematics

- .Inserting Standalone

- Symbols·Inserting Parent Symbols
- .Inserting Child Symbols
- .Inserting Too Many Contacts
- .Catalog Part Numbers
- .Terminal Jumpers And Associations – Part 1
- .Terminal Jumpers And Associations – Part 2
- .Saving And Inserting A Circuit – Part 1
- .Saving And Inserting A Circuit – Part 2
- .Three Phase Circuits – Part 1
- .Three Phase Circuits – Part 2
- **Schematic Editing**
- .Scoot And Move
- .Aligning Components
- .Copying And Deleting Components
- .Open And Closed Contacts
- .Copy Catalog And Location



Duration- 8 Weeks

PROGRAM CURRICULUM-III

- Values
- .Swapping And Updating Blocks
- .Electrical Audit And Drawing Audit
- Updating And Retagging
- **Schematic Reporting**
 - .Report Types
 - .Report Format And Setup
 - .Automatic Reports
 - .Putting Reports Into Drawings
 - .Saving Reports To Files
- **Settings And Configurations**
 - .Wiretypes
 - .Drawing Properties
 - .Project Properties
 - .Drawing Templates
 - .Installation And Search Paths
- **Panel Layouts**
 - .Setting Up Panel Enclosure
 - .Installing Push Buttons
 - Footprint
 - .Installing Pilot Lights Footprint
 - .Installing Nameplate Footprint
 - .Creating A Panel Schematic
 - .Creating Panel Footprints From Schematics
 - .Using DIN Rails
 - .Using Terminal Strips
 - .Panel Drawing Configuration
 - .Item Numbers And Ballooning
 - .Creating Panel Reports
 - **Custom Components**
 - .Schematic Symbols And Conventions
 - .Symbol Data Attributes – Part 1
 - .Symbol Data Attributes – Part 2
 - .Wire Connections
 - .Schematic Icon Menus



Duration- 8 Weeks

PROGRAM CURRICULUM-IV

- .Panel Icon Menus
 - .Icon Menu Wizard
 - .Schematic And Panel Database Files
 - **Custom Data**
 - .Editing The Part Catalog – Part 1
 - Editing The Part Catalog – Part 2
 - .Title Block Setup
- Automation Tools**
- .Exporting Data
 - .Importing Data
 - .Creating Set Files
 - .Automatic Reports
- PLC Modules**
- .Parametric PLC Modules
 - .Inserting And Breaking PLC Modules
 - .Editing PLC Components
 - .Standalone I/O Points
 - .Non-Parametric PLC Modules
 - .PLC Database File Editor
 - .PLC Module Specifications
 - .Terminal List And Settings
 - .Finishing The PLC Module
 - .Address Component Tag Format
 - .Address Wire Number Tag Format
 - .PLC Address Based Components
 - **Peer-To-Peer Drawings**
 - .Peer Drawings
 - .WDType Attribute
 - **Simple Recap**
 - .Title Block Setup
 - .Rungs And Ladders
 - .Inserting Components
 - .Adding Wires
 - .Editing Components
 - .Editing And Tagging Wires
 - Generating Reports

ZENUS CAREER SERVICES



Career-oriented Session

Attend 10+ career-oriented session by industry mentors and prepare your career trajectory



Profile Building

Php Programming resume and LinkedIn profile to make an impression on top employers



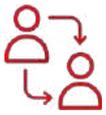
Dedicated Job Portal Access

Get exclusive access to 20+* job posting per month on Zenus's job portal



Mock Interview Preparation

prepare with mock interviews including most asked question by top employers



1:1 Mentoring Session

Get 1:1 guidance at every step in your career transition to Php-Programming



Placement Assistance

Placement opportunities are provided once the learner is moved to the placement pool upon clearing Placement Readiness Test(PRT)**

NO. 1 AWARD WINNING TRAINING COMPANY



Awarded By Ex-Indian Cricketer
Chetan Sharma Sir



Awarded By Ex-Indian Cricketer
Sandip Patil Sir

VISIT US



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STUDENT TESTIMONIALS

Shivant Tyagi



Our experence with ZENUS INFOTECH has been very good. its the best company in india for industrial training and placements.

Abdul Raouf



Good teches.And Good teacher .Zenus teacher is helping person that solve the asking question .Zenus is a wonderful platform

Piyush Kumar



I feel my self with a great weight of knowledge after doing training from Zenus Infotech

Prabhat Saini



Extremely nice atmosphere to learn softwares and knowledgeable and helpful faculty with great experiance.

Sumit Pant



Highly skilled staffs well as good place to work ..the faculties are very good teachers

Ishant Chauhan



Highly experianced and project oriented training received with full support from the trainer. Thanks Zenus Infotech

