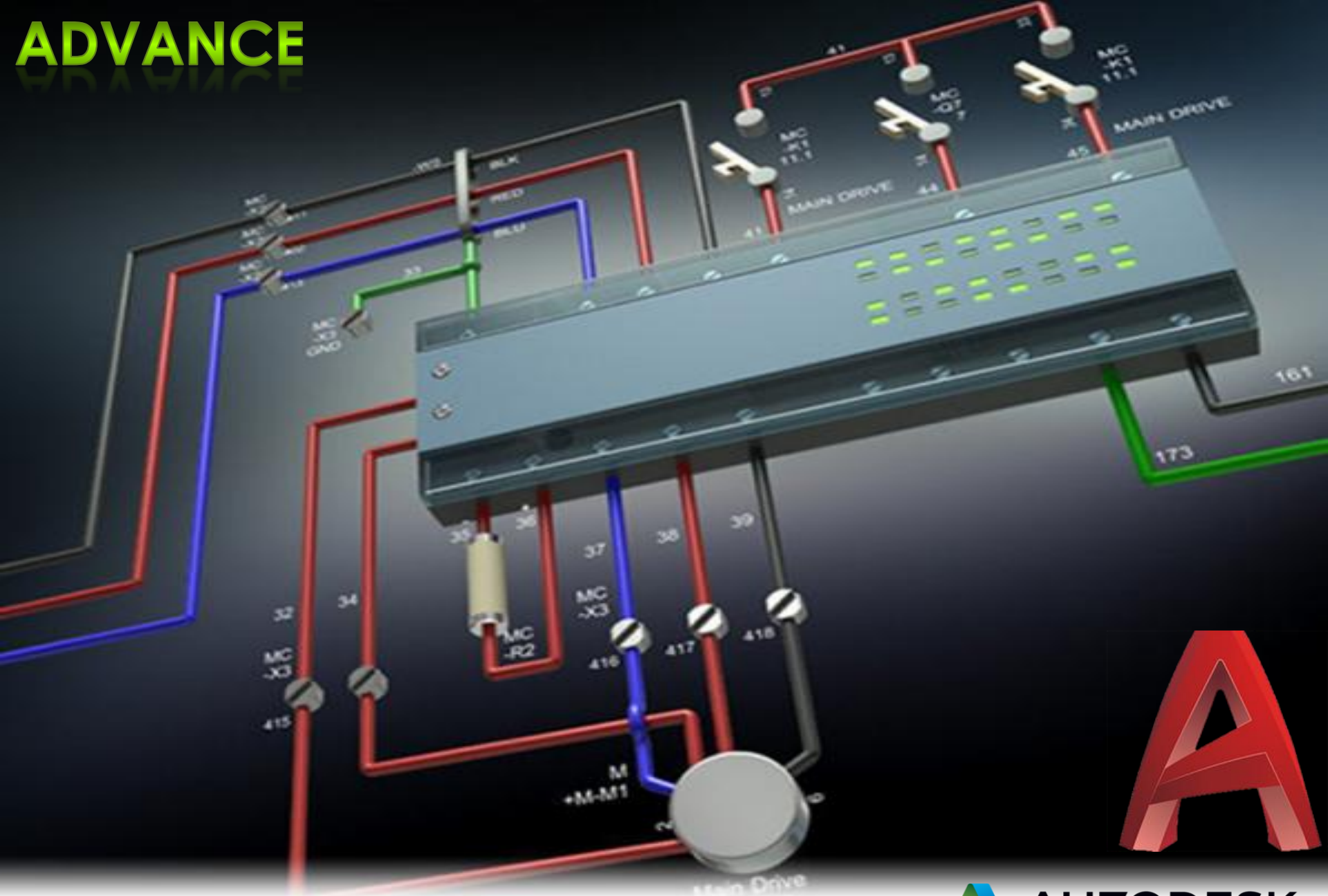


# ADVANCE



• AutoCAD Electrical



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# TRAINING SUMMARY

**TOTAL DURATION OF TRAINING IS  
SIX MONTHS (144 HOURS)**

- ✓ Instructor lead Live Training -48 Hours (2 Months)
- ✓ Live Practical Training Support-96 Hours (4 Months)

**Total 144 Hours Live online Training Along with live practical support via Microsoft Team, Whatsapp, Mobile ,Email Etc**

**STUDENT WILL ALSO GET SOFTCOPY OF STUDY MATERIALS,SESSION WISE VIDEO TUTORIALS,DAY TO DAY CLASS VIDEO RECORDING ON DEMAND.**



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# **E-CAD**

## **(AUTOCAD ELECTRICAL 2020)**

**This Syllabus is created by industry experts having experience more than 10 years . Students learn by doing actual drawings with AutoDesk Certified Instructors. Students are taught many commands and tools to create drawings fast and easy. Our AutoDESK Instructors will make sure no one is left behind.**



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# STUDENT WILL LEARN

## **L1 – Introduction to AutoCAD Electrical**

**Invoking Commands**

**Workspaces**

**Saving the Work**

**Interface Components**

**Getting Help**

**Dynamic Input Mode**

## **L2 – Working with Projects and Drawings**

**Creating a New Project**

**Working with Drawings**

**Working with Project Drawings**

**Copying/Deleting a Project**

**Other Options in the Project Manager**



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## **L3 – Working with Wires**

**Inserting wires into Drawing**

**Modifying Wires**

**Wire Types**

**Wire Numbers**

**Inserting Wire Markers/Labels in Drawing**

**Troubleshooting Wires**

## **L4 – Creating Ladders**

**Inserting a New Ladder**

**Grid Labels**

## **L5 – Schematic Components**

**Inserting Schematic Components**

**Inserting Components Using Catalog Browser**

**Annotating and Editing Symbols**



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# Assigning Catalog Information and Editing Catalog Database

Inserting Components from Equipment List

Inserting Components from Panel Lists

## **L6 – Schematic Editing & Panel Reports**

Changing Component Location

Updating Components

Auditing Drawings and Projects

Retagging Drawings

Using Tools for Editing Attributes

Generating Schematic Reports

Report Generator Dialog Box

Changing Report Formats



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## **L7 – Connectors, Point-to-Point Wiring**

**Diagrams, and Circuits**

**Inserting Connectors**

**Editing Connectors**

**Using Point-to-Point Wiring Diagrams**

**Working with Circuits**

**Building a Circuit**

**Multiple Phase Circuits**

## **L8 – Panel Layouts**

**Creating Panel Layouts**

**Annotating and Editing Footprints**

**Inserting Footprints**

**Setting the Panel Drawing Configuration**

**Adding Balloons to a Components**

**Item Numbers, Nameplates and DIN Rail**



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## **L9 – PLC Modules**

**Inserting Parametric PLC Modules**

**Inserting NonParametric PLC Modules**

**Editing a PLC Modules**

**Inserting Individual PLC IO Points**

**Creating and Modifying Parametric PLC Modules**

**Creating PLC/IO Wiring Diagrams**

## **L10 – Terminals**

**Inserting Terminal Symbols**

**Adding and Modifying Associations**

**Selecting, Creating, Editing, and**

**Inserting Terminal Strips**

**Terminal Tables**

**Resequencing Terminal Numbers**



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# **11 – Setting, Configurations, Templates and Plotting**

- Setting Project Properties**
- Setting Drawing Properties**
- References Files**
- Mapping the Title Block**
- Updating Title Block Settings**
- Creating Templates**
- Plotting the Project**
- Project Task List**

## **L12 – Creating Symbols**

- Creating Symbols**
- Naming Convention of Symbols**
- Customizing the Icon Menu**
- Miscellaneous Tools**
- Practices**



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# END OF COURSE