

EPLAN Electric P8 Training

COURSE CONTENT

GET IN TOUCH



Multisoft Systems
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multisoftsystems.com



www.multisoftsystems.com

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

EPLAN Electric P8 Training by Multisoft Systems is a comprehensive, hands-on program designed to equip electrical engineers, designers, and automation professionals with advanced skills in electrical CAD design. EPLAN Electric P8 is a powerful CAE (Computer-Aided Engineering) software used globally for designing and documenting electrical schematics, control systems, and automation projects.

Module 1: Create an EPLAN Electric P8 Project

- ✓ Introduction: CAD vs. EPLAN Electric P8
- ✓ Launching and navigating the software interface
- ✓ Project structure and page management
- ✓ Creating, saving, backing up, and restoring projects
- ✓ Navigating the EPLAN workspace effectively

Module 2: Populate an EPLAN Electric P8 Project

- ✓ Working with the graphical editor
- ✓ Device management (creation, insertion, modification)
- ✓ Components and symbols – insertion and editing
- ✓ Editing device/component/symbol properties
- ✓ Device renumbering and management
- ✓ Working with T-nodes for network connectivity
- ✓ Wire properties and potentials
- ✓ Interruption points and signal referencing
- ✓ Using black boxes for abstraction
- ✓ Macro creation and usage

Module 3: Modify Wiring Diagrams in EPLAN

- ✓ Cable management in wiring diagrams
- ✓ Node allocation table insertion
- ✓ Air preparation diagrams
- ✓ Integration of cylinders, switches, and piping diagrams
- ✓ Using revision notes for documentation
- ✓ Bill of Materials (BOM) generation
- ✓ Exporting BOM to Microsoft Excel

Module 4: Modify Electrical Control (EC) Diagrams in EPLAN

- ✓ Working with terminal strips and their layouts
- ✓ Relay, contactor, and auxiliary contact management
- ✓ PLC components: addressing and I/O assignments
- ✓ Generating device lists and reports
- ✓ Generating wire lists and documentation

Module 5: Finalizing an EPLAN Electric P8 Project

- ✓ Creating and managing user-defined parts
- ✓ Using search/find features efficiently
- ✓ Project compression for optimization
- ✓ Exporting projects to various formats
- ✓ Printing complete project reports
- ✓ Customizing settings and configurations
- ✓ Workspace customization (toolbars, macros, preferences)