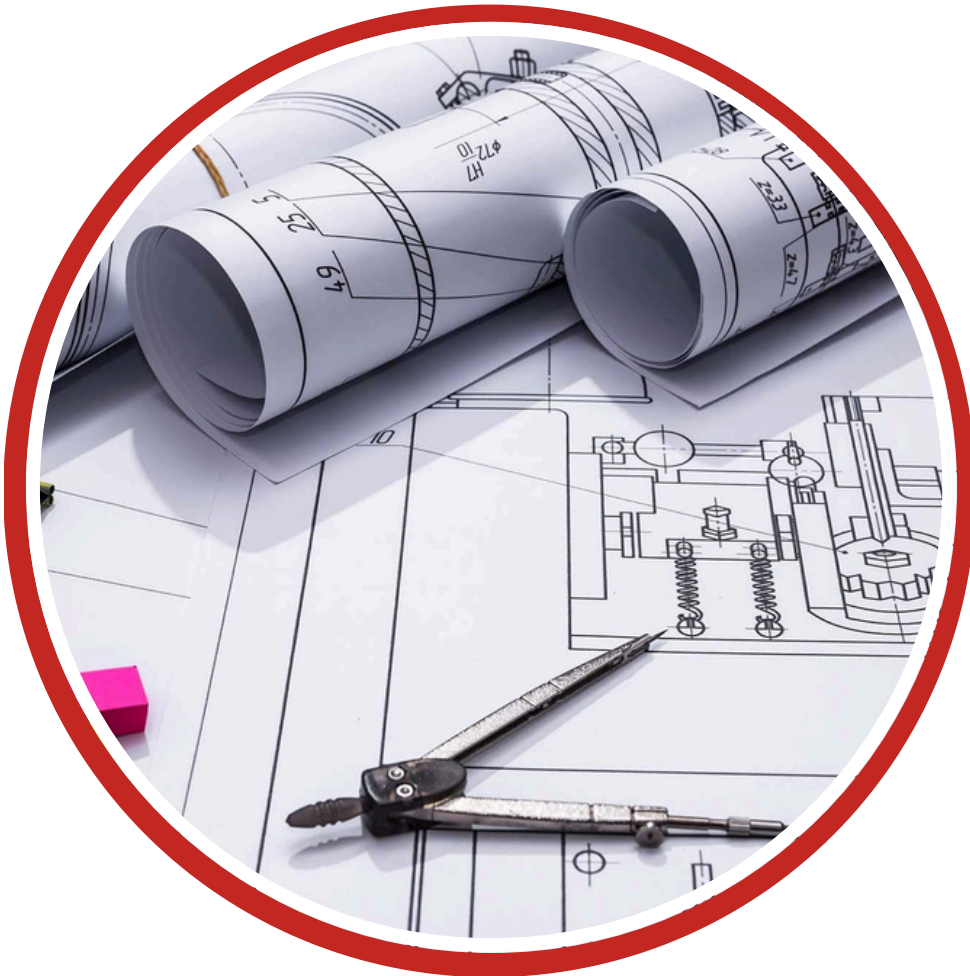


Electrical Systems: Reading Drawings and Schematics

.....



Energy Milestones Corporation Advancing Professionals to the next level

Energy Milestones is proud to be accredited, partner and associated with the following association bodies:



info@energymilestones.com



energymilestones.com

Electrical Systems: Reading Drawings and Schematics



Overview

This course is designed to prepare electrical personnel to troubleshoot from electrical drawings at commercial, industrial and institutional installations. A degree in electrical engineering is recommended to gain maximum benefit from the course. Participants are encouraged to bring examples of their own facility prints to use during practical exercises.

Course Objectives

- To improve the skills of engineers involved in the design, operation and maintenance of electrical systems.
- To know the Principles of reading and interpreting electrical schematics.

Course Content

- History of technical drawing
- Aim of use
- Types of technical drawings
- Anatomy of technical drawing
- Mechanical technical drawing
- Electrical drawing symbols
- Standard for electrical device numbers
- Types of electrical drawings
- How to read electrical drawings
- Practical examples



Electrical Systems: Reading Drawings and Schematics



Targeted Audience

Engineers and technician involved in design, operation and maintenance of power substations. A degree in electrical engineering is recommended to gain maximum benefit.

Course Methodology

Facilitated by an experienced professional trainer, this training course will be conducted as a highly interactive workshop session. A variety of training methodologies and facilitation techniques will be used before and during the course whenever applicable. These methods are aimed at enhancing individual and group interaction while maximizing learning. Some of these methods are:

- Online Pre-post Test
- Colorful Visual Aids
- Gamification
- Self-Assessment Instruments
- Simulations
- Case Studies
- Videos
- Group Exercises & Discussions
- Role plays
- Indoor & Outdoor games

