

# Introduction To Reading Of Electrical Drawings and Diagrams Course

## Venue Information

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**Venue:** London UK

**Place:**

**Start Date:** 2025-12-08

**End Date:** 2025-12-12

## Course Details

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**Net Fee:** £4750.00

**Duration:** 1 Week

**Category ID:** EAPET

**Course Code:** EAPET-35

## Syllabus

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### Course Description

This Five-day electrical drawing course is designed to prepare electrical personnel to troubleshoot from electrical drawings at commercial, industrial and institutional installations. Students will begin with one-lines and three-lines, and progress through schematics and relay/ladder logic diagrams. Students are encouraged to bring examples of their own facilities prints to use during practical exercises. Low, medium and high-voltage installations will be reviewed as requested by students.

### Course Objectives

Electrical Drawing Seminar Course Objectives:

- Print Reading Basics

- Relay/Ladder Logic Diagrams

## **Course Outline**

- Types of electrical engineering drawings and diagrams and their uses.
- Principles and techniques used in the provision of electrical engineering drawings.
- Symbols used in electrical engineering drawings.
- Electrical component identification from electrical engineering drawings.
- Cable and circuit identification from electrical engineering drawings.
- Interpretation of single phase electrical circuits from electrical engineering drawings.
- Interpretation of three phase circuits from electrical engineering drawings.
- Practical exercises in the interpretation of electrical drawings and circuit diagrams.
- Exercises in fault tracing from electrical circuit diagrams.
- Practical exercises in construction and completion of circuit diagrams and electrical engineering drawings.