Telephone: 01255 870009
Website: www.infinity-training.co.uk
Email: info@infinity-training.co.uk

Electrical Principles Two

Number of delegates: 8
Duration: 5 days
Location: Horsley Cross

Who should attend

This course is designed for delegates who require in-depth knowledge of electrical principles and a good understanding of relevant formulas including putting them into practice

Objectives

On successful completion of this course delegates will be able to:

- Use a fluke multimeter and demonstrate its use in live circuits
- Follow basic diagrams through relay circuitry continuity testing circuits
- Wire a simple circuit to a diagram and provide detailed measurements using a variety of test equipment
- Understand the use of diodes, capacitors and resistors in circuits
- Power an electric motor, understand its principles and calculate relevant readings to determine potential issues
- Calculate RMS, Peak to Peak, Peak values, Frequency and Period Time of a Sine Wave
- Calculate power consumed in circuits to determine relevant transformer sizes
- Understand basic electrical fault finding techniques using live equipment and diagrams

Learning approach

50% theory using PowerPoint, active discussions, diagrams, visual aids and demonstrations

50% practical working with practical scenarios, testing on live equipment and wiring circuits

A theory and practical assessment is carried out to check the delegates' understanding

Pre-requisites

Delegates are expected to have a good understanding of electrical principles and ideally will have attended an Electrical Principles One course.

For more information or to make a booking, please email info@infinity-training.co.uk