

## Suitability

This programme is suitable for anyone who is installing aerials and is not fully conversant with the current standard (IEC 60728-11:2010) and CAI Code of Practice 3 - Electrical Safety Requirements for Signal Reception Systems (Excluding CATV).

## Content

- Background to why earthing and bonding may be necessary.
- Electrical regulations and safety.
- Single Dwelling Unit (SDU) requirements.
- Multiple Dwelling Unit (MDU) and commercial Premise requirements.
- The use of surge protection devices (SPD).
- An understanding of different lightning protection devices (LPD).

## Learning Outcomes

This 1-day programme will enable all participants to;

- Test an electrical circuit for safety.
- Make a safety bond.
- Perform the necessary tests and checks that ensure a system is safe.
- Understand the different types of Lightning Protection Systems.
- Understand the different types of Surge Protection Devices and where and when they should be fitted.

## Aims

Participants will be given practical working knowledge of how to install a safe signal distribution system in the home or commercial premises.

## Objectives

At the end of this programme all participants will be able to install a safety mechanism on a distribution system, analyse the effectiveness and record the results.

## Learning Style

This programme is classroom based with a PowerPoint presentation and contains theoretical and practical learning exercise techniques.

## Assessment Method

The assessment method for this programme is by means of practical worksheets and a multiple choice open book assessment paper with a pass mark of 65%.

## Duration

This programme is run over 1-day.

## Programme Cost

Member Rate £250  
Non Member Rate £355