

Suitability

This programme is suitable for participants with no experience who wish to enter the industry and for those who have experience but want to know more about the theoretical and practical aspects of terrestrial and satellite signal reception and installation.

Content

- Health & Safety in relation to the use of ladders. (Aerial & Satellite)
- Electrical Safety requirements for signal distribution. (Aerial & Satellite)
- Signal types & measurement. (Aerial & Satellite)
- Aerial design & choice through survey tests and Aerial alignment & recording signals. (Aerial only)
- Brackets, fixings & installing a chimney lashing kit. (Aerial & Satellite)
- Cables, certification & correct fitting of connectors. (Aerial & Satellite)
- Aerial alignment & recording signals. (Aerial only)
- 4G Interference Mitigation. (Aerial only)
- Amplifiers, diplexers, combiners & their application. (Aerial & Satellite)
- Modulation techniques & digital compression. (Aerial & Satellite)
- Surveying and testing location site/planning considerations. (Satellite only)
- Reception of other satellites. (Satellite only)
- Assembly, fixing and alignment of a standard Sky UK satellite dish. (Satellite only)
- Full installation of a Sky HD Set Top Box and setup, including an overview of SkyQ Set Top Box basic installation (course does not cover Sky wireless setup app this is only available to Sky employees and their equipment). (Satellite only)
- Received connection and interconnection to ancillary equipment. (Satellite only)
- Fault tracing and mitigation techniques. (Satellite only)
- Customer relations, conduct, documentation & insurance. (Aerial & Satellite).
- Future development of the aerial/satellite and multimedia industry.

Learning Outcomes

Following this 3-day programme all participants will be able to;

- Select the correct aerial for regional terrestrial TV reception.
- Select the correct dish size for regional satellite TV reception.
- Record signals for both terrestrial & satellite signals.
- Install a chimney lashing.
- Fit the correct connectors to terminate coaxial cables.
- Assemble a satellite dish.
- Install & align a Sky UK satellite dish.
- Install and programme a Sky UK HD Satellite receiver.

Aims

This programme covers all aspects of TV delivered via aerial and satellite into a coaxial network around a single dwelling property.

Objectives

Over the 3 days this programme presents all the criteria necessary to deliver terrestrial and satellite TV programming to TV receiving equipment in the home.

Learning Style

This programme is classroom based by PowerPoint and contains a mix of practical demonstrations with hands-on learning exercises.

Assessment Method

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

Duration

This programme is run over 3-days

Programme Cost

Member Rate £585

Non Member Rate £900