

RFPS Training



Forensic Analytics Ltd have used their long experience of cell site analysis and forensic RF surveying to develop a training curriculum designed to equip police officers, civilian staff and non-LEA participants with the knowledge and practical experience required to allow them to gather RFPS (Radio Frequency Propagation Survey) forensic evidence.

This course is accredited with City & Guilds and successful completion of the course will result in participants achieving a recognised City & Guilds qualification.

Duration: 5 days

Target Audience

This course is intended to be applicable to police officers and civilian staff who are or may be required to undertake RFPS surveys, understand the evidence gathered, compile survey summary reports and present them in evidence at court as a 'Witness of Fact'.

Course Aims

To provide participants who are new to the discipline with sufficient depth of understanding, knowledge and practical experience to allow them to undertake successful RF surveys; accurately process and interpret the results; and confidently present them in court.

Course Content

- RF Signals and Radio Propagation
- Cellular Technologies Overview
- Radio Technologies & Cellular Radio Concept
- Cellular Generations – 1G, 2G, 3G, 4G, beyond
- Generic Cellular Network Architecture
- 2G, 3G, 4G Network Architecture Differences
- Frequency Bands & Channel Numbering
- Cell IDs & Cell Discrimination
- Single & Multi-Frequency Networks
- Multi-Band Operation (stacked cells)
- UK Frequency and Channel Allocations for 2G, 3G and 4G
- Cell Sites & Access Networks
- Network Operations & WiFi
- RF Measurements
- RFPS & Cell Site Analysis
- RFPS Survey Types
- Drive Surveys
- Location Coverage Profiles
- Cell Coverage Profiles
- Route Coverage Profiles & Other Scenario Surveys
- WiFi Surveys
- RFPS Survey Issues
- Conducting Successful Surveys
- RFPS Output – summary tables, maps & reports
- RFPS Survey Equipment
- CSurv, Forensic Compass, NEMO Handy
- Main Course Scenario
 - Preparation
 - Location Survey – Forensic Compass
 - Route Survey – CSurv
 - Location Survey – NEMO Handy
- Post Exercise Review
- End of Course Review

Fees, Locations & Booking

Pricing

This course costs £400 per delegate per day (excluding VAT, delegate travel, accommodation, etc).

The 5-day delivery will be charged at £2000 + VAT per participant

Terms & Conditions

Full details of our training Terms & Conditions are available on request.

In general, we will require a PO (Purchase Order) number from each customer before a training event can be confirmed.

We may require part or full payment in advance in some circumstances.

Practical elements are dependent on suitable RFPS equipment being available.

Airfares and other expenses may be added for non-UK deliveries.

All prices are quoted exclusive of VAT.

Payment terms 30 days upon receipt of order.

Location

For open deliveries this course will usually be delivered in Hitchin, Hertfordshire but we are flexible as far as venue is concerned.

Address: Hitchin Priory, Tilehouse St, Hitchin SG5 2DL



Booking

Please contact us at:

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