



Global Systems for Mobile Communications (GSM) Course

Introduction

This GSM course addresses key elements of GSM and will provide delegates with an introduction to GSM. The GSM Communications course will include a practical phase that incorporates realistic Cell Site Analysis, RF Surveys, Call Detail Records analysis and database queries.

What you will learn:

- History of GSM
- Network Architecture/Components/Interfaces
- Frequency Bands
- Air Interfaces
- GSM Services
- Network Identities (IMEI, IMSI, MSISDN etc.)
- Network Coverage
- Cell Sectorisation
- Cell Capacity and Azimuth
- Signalling and Transaction Processing (Text, Voice & Data)
- Overview of Billing System and Call Detail Records (CDRs)
- Cell Site Analysis and RF Surveying.

Who should attend?

Military and government civilian Electronic Warfare (EW) practitioners engaged in the exploitation of GSM and Satellite communications.

Key Organisations

Ministry of Defence

HQ Joint, Army, Navy and Air Force EW operators/Analysts

All Government agencies, industries and organisations interested in operational and technical aspects of EW.

Course Duration
1 Week

Location
Mercury EW Ltd – Training Facility