

# Principles of Mobile Telecommunications



This course is designed for those entering the mobile telecommunications industry or to those already employed who want to further their knowledge and understanding of how networks function. The course will cover the development of the mobile networks, propagation, frequencies, 3G / GSM / Tetra / PMR & Microwave.

**Who should attend?** Telecommunications engineers, installation crews and those individuals who have a general interest in the subject.

**Prior knowledge** No prior knowledge necessary.

## Course content

- History of Telecommunications
- The Characteristics of Radio
- Mobile, Radio and Cordless Communications
- Principles of Digital Cellular Systems
- 3G, GSM, Tetra, PMR & Microwave systems.
- Components of a Network
- Data Capabilities of networks
- Coverage of Systems



**Duration of course** 1 day

**Course Materials** Comprehensive course manual issued to all delegates

**Intended outcomes:** Delegates who successfully complete the course will receive a certificate of training.