

TK310: UMTS Fundamentals

Duration

3.0 Days

Course Content

1. UMTS Generalities

- 1.1. Overview of UMTS Technologies
- 1.2. UMTS System Architecture
- 1.3. Transmission Solution in UMTS
- 1.4. Mobility Management

2. UMTS Radio Access Network

- 2.1. Radio Access Network Architecture and Interfaces
- 2.2. Radio Access Network Protocol Stack
- 2.3. WCDMA Basics
- 2.4. Radio Access Network Procedures
- 2.5. High Speed Packet Access in Radio Access System

3. Service Architectures and Applications in UMTS

- 3.1. Virtual Home Environment
- 3.2. Open Service Architecture
- 3.3. Services and mobile applications in UMTS
- 3.4. The voice service in UMTS