TK312: UMTS Signaling

Duration

5.0 Days

Course Content

1. UMTS Interfaces and Protocols

- 1.1. UTRAN Architecture
- 1.2. UMTS interfaces overview
- 1.3. Protocol Stacks in UMTS Network

2. CS Call Setup

- 2.1. RRC Connection Setup
- 2.2. Service Request Setup
- 2.3. Radio Access Bearer Setup
- 2.4. Transport plane Setup
- 2.5. Iu-CS call Setup Procedure

3. PS Call Setup

- 3.1. Attach and Detach
- 3.2. PDP Context activation and deactivation
- 3.3. Iu-PS Call Setup Procedure

4. HSDPA Call Setup

- 4.1. HSDPA Overview
- 4.2. HSDPA Iub Resource Reservation
- 4.3. Description of HSDPA call setup

5. HSUPA Call Setup

- 5.1. HSUPA Overview

Copyright © TEKonsult 2017

5.2. HSUPA Iub Resource Reservation

5.3. Description of HSUPA call setup

6. Handover Procedures

6.1. Intra Frequency Handover Procedure

6.2. Inter Frequency Handover Procedure

Copyright © TEKonsult 2017