



## **Course Synopsis**

**Course :** UMTS Air Interface

**Duration:** 1 Day

**ETS Code :** ETS440

This is a one day in depth investigation of the UMTS Air Interface.

It assumes delegates have attended either the UMTS Fundamentals or the Understanding UMTS course and are looking for more depth in the air interface area.

### **Course Contents**

Principles of Spread spectrum

Use of Codes and Code generation

Scrambling and spreading

Multi-user detection

Capacity

Power control

Soft Handover

Modulation

Air Interface Protocol Structures

Beam Forming Antennas and Mast Head Amplifiers

Diversity options

Interference Control

**To register – call +44 (0)1306 628 006**