

WCDMA Optimization

Pre-request: WCDMA Principals

Course duration: 48 Hours

On completing this course you will be able to:

- understand and explain WCDMA Concepts.
- understand and explain UMTS Concepts, Network Architecture, Air Interface and protocols
- understand and explain UMTS Optimization concepts.

Course Content:

- WCDMA introduction
- WCDMA Network Architecture, Air Interface and protocols
- **WCDMA Optimization**
 - **Accessibility analysis**
 - **Idle Mode.**
 - **Random Access.**
 - **RRC connection.**
 - **NAS non access stratum.**
 - **RAB assignment.**
 - **Retainability analysis**
 - **UL out of sync**
 - **Congestion**
 - **Soft/softer handover problem**
 - **IRAT handover problem**
 - **Integrity analysis**