



MW Network Planning (FT4123-01S)

Brief Description

- MW Network Planning is a course for service. The topics are among others MW Network architecture with particular focus on application scenarios, L(ine) o(f) S(ight), Overview of Mobile Networks, Overview of DEM maps and Frequency planning. After completing this course, the participant is familiar with rules and guidelines for a correct and effective microwave network planning..

Target Group

- Planning - Engineering

Learning Target

- The main objective of this course is to give rules and guidelines for a correct and effective microwave network planning. Related courses:
 - FT4124: Radio Propagation and Planning
 - FT4125: Microwave Performance Calculation Tool: Pathloss

Prerequisite

- Participants must have some technical knowledge in telecommunications. Some basic knowledge in PDH & SDH is required.

Contents

MW Network architecture with particular focus on application scenarios.

Network planning process

- Nominal Plane
- Forecast
- T(echnical) S(ite) S(urvey)
- Real Network
- Network Engineering
- Frequency Re-Use

L(ine) o(f) S(ight)

Overview of Mobile Networks

- Network Topologies
- Protection
- Complex Network Structures
 - MW Network dimensioning
- Overview of DEM (Digital Elevation Model) maps
- Frequency planning
- MW equipment selection and network planning
- Planning Examples
- Case studies

Training Courses Portfolio

Radio Engineering Services



Course Instructor : Claudio Crini, Dr. Eng. (certified Guest Instructor at I&C Training Institute, Siemens Group)

Duration

4 days

Maximum number of participants (suggested)

10

Course Type

Theoretical course (expert)

For additional information:

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