TELECOMMUNICATIONS & 5G · TELECOM INFRASTRUCTURE & OPERATIONS

Mobile Network Field Engineering

الهندسة الميدانية للشبكات الخلوية

5 days | Foundation | In person · Live online | Arabic & English

Prepare for real work on mobile network sites. You will learn base-station hardware and site layouts, antenna and feeder installation, commissioning and integration steps, alarm handling, routine maintenance and the safety rules that apply on towers and rooftops.

WHO IT'S FOR

New field engineers and technicians, graduates starting at operators or contractors, and site supervisors.

BEFORE YOU START

No formal prerequisites: bring curiosity and a willingness to practise.

WHAT YOU'LL LEARN

- Identify base-station equipment and site components.
- Install and check antennas, feeders and jumpers.
- Follow commissioning and integration procedures.
- Handle common alarms and faults.
- Work safely at height and around RF.

Training a team?
We run this course privately for organizations, on your dates, at your site or ours, and adapt the examples to your network and equipment.

COURSE OUTLINE

5 modules, 5 days

MODULE 01

Sites and equipment

- Site types and layouts
- Base-station units and cabinets
- Power and transmission on site

MODULE 02

Antennas and feeders

- Antenna mounting and tilt
- Feeders, jumpers and connectors
- VSWR checks

MODULE 03

Commissioning and integration

- Installation checklists
- Commissioning steps
- Acceptance

MODULE 04

Operation and maintenance

- Alarms and fault handling
- Preventive maintenance
- Site reports

MODULE 05

Safety

- Working at height
- RF exposure
- Electrical safety

ALSO IN TELECOM INFRASTRUCTURE & OPERATIONS

AI Prompting for Telecom Engineers, **Career Skills for Telecom Engineers: CV, Interviews and LinkedIn**, **Network Operations Centre (NOC) Operations**, **Telecommunications Fundamentals**, **Telecommunications for Non-Engineers**

Enrol or ask a question

In person in Damascus · Live online · Private training for teams. Tell us your goals and we will send the dates, the fees and the right level for you.

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