TELECOMMUNICATIONS & 5G · RF & RADIO PLANNING

Drive Testing & Network Optimisation

اختبارات القيادة وتحسين أداء الشبكات

3 days | Intermediate | In person · Live online | Arabic & English

Measure what users really experience and turn the data into fixes. You will plan drive and walk tests, collect and analyse measurements for 2G to 5G, recognise coverage, interference and handover problems, and recommend optimisation actions.

WHO IT'S FOR

RF and optimisation engineers, drive-test engineers and field technicians.

BEFORE YOU START

RF Fundamentals for Telecom or equivalent experience

WHAT YOU'LL LEARN

- Plan drive and walk tests.
- Collect measurements with test tools.
- Analyse key radio parameters and events.
- Diagnose coverage, interference and handover issues.
- Write optimisation recommendations.

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, 3 days

MODULE 01

Test planning

- Routes and scenarios
- Test equipment and set-up

MODULE 02

Measurements

- Key parameters for 2G to 5G
- Call and data tests

MODULE 03

Analysis

- Coverage and quality
- Interference
- Handover and drops

MODULE 04

Optimisation actions

- Parameter and antenna changes
- Neighbour optimisation

MODULE 05

Reporting

- Before-and-after comparisons
- Optimisation reports

ALSO IN RF & RADIO PLANNING

RF Fundamentals for Telecom, **In-Building Coverage Solutions (IBS & DAS)**, **Modulation & Coding Techniques**, **Radio Network Planning with Atoll**, **Radio Network Planning & Optimisation**

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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