TELECOMMUNICATIONS & 5G · TELECOM INFRASTRUCTURE & OPERATIONS

Integrated Telecommunications Engineering Program

البرنامج المتكامل في هندسة الاتصالات

30 days | Advanced | In person · Live online | Arabic & English

Our most complete telecom program, built for engineers who want to work across the whole network. It combines wireless engineering from 2G to 5G, optical fibre transmission and microwave transmission, with practical labs, a field project and career coaching for the telecom job market.

WHO IT'S FOR

Telecom and electronics graduates and engineers preparing for a career with operators, vendors and contractors.

BEFORE YOU START

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

WHAT YOU'LL LEARN

- Work confidently across radio, optical and microwave networks.
- Plan, install and test network links.
- Analyse network performance and troubleshoot faults.
- Complete a field project from survey to documentation.
- Prepare a strong CV and interview for telecom roles.

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, 30 days

MODULE 01

Wireless engineering

- Radio fundamentals
- 2G to 5G
- Planning and drive tests

MODULE 02

Optical transmission

- Fibre and components
- Splicing and testing
- WDM and OTN

MODULE 03

Microwave transmission

- Link design
- Installation and alignment

MODULE 04

Field project

- Site survey
- Design and documentation

MODULE 05

Career readiness

- CV and LinkedIn
- Interview preparation

ALSO IN TELECOM INFRASTRUCTURE & OPERATIONS

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

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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