CABLING & FIBRE OPTICS · INSTALLATION PRACTICE

FTTx Network Design: Advanced

تصميم شبكات FTTx: مستوى متقدّم

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

Design fibre access networks for whole neighbourhoods and cities. You will plan architectures and splitter strategies, size feeder and distribution networks, produce high-level and low-level designs, estimate materials and costs, and plan for growth and maintenance.

WHO IT'S FOR

FTTx designers, planners and project engineers.

BEFORE YOU START

FTTH Design & Installation or equivalent experience

WHAT YOU'LL LEARN

- Choose FTTx architectures and splitter strategies.
- Size feeder, distribution and drop networks.
- Produce high-level and low-level designs.
- Prepare bills of materials and cost estimates.
- Plan for growth and maintenance.

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

Architectures

- FTTH, FTTB and FTTC
- Centralised and distributed splitting

MODULE 02

Network sizing

- Demand and take-up
- Feeder and distribution design

MODULE 03

High-level design

- Routes and node locations
- Capacity planning

MODULE 04

Low-level design

- Detailed routes
- Splice and port plans
- Documentation

MODULE 05

Costs and delivery

- Bills of materials
- Cost estimates
- Phasing

ALSO IN INSTALLATION PRACTICE

Cable Installation Best Practice & Site Safety, **FTTH Design & Installation**

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.

+963 991 099 555

info@alalamia-sy.com

alalamia-sy.com