TELECOMMUNICATIONS & 5G · TRANSMISSION

Submarine Cable Systems

أنظمة الكابلات البحرية

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

Discover the cables that carry almost all intercontinental traffic. You will learn submarine cable design and repeaters, landing stations, optical line systems, how cables are laid, protected and repaired, and how capacity is managed and sold.

WHO IT'S FOR

Transmission and backbone engineers, planners and managers in international connectivity.

BEFORE YOU START

Optical Transport Networks or equivalent knowledge

WHAT YOU'LL LEARN

- Describe submarine cable structure and repeaters.
- Explain landing stations and line systems.
- Outline cable laying, protection and repair.
- Describe capacity management and upgrades.

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, 2 days

MODULE 01

Why submarine cables

- The global network
- Capacity and routes

MODULE 02

System design

- Cable types
- Repeaters and power feeding
- Optical line systems

MODULE 03

Landing stations

- Station equipment
- Terrestrial backhaul

MODULE 04

Marine operations

- Surveys and laying
- Protection and repair

MODULE 05

Capacity

- Upgrades
- Capacity sales and management

ALSO IN TRANSMISSION

GNSS & GPS Fundamentals, **Microwave Link Planning with Pathloss**, **Microwave Transmission Links**, **Satellite Communications**, **Optical Transport Networks: SDH, OTN & DWDM**

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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