



Title: Engineer, Access Transport Trainee

Department: Core & Transport Network

Team: Access Transmission

Period: 12 months

Rol: Participate to activities related to design, engineering and implementation of Access Transport Network for 2G/3G+ services and fixed data customers according to company forecasts, Technology strategy, Vodafone Technology Networks recommendations, and quality of services, design principles and business continuity plan.

Main responsibilities are listed below, but are not limited to:

Responsabilitati:

1. Participate to activities related to access transport network planning, design and implementation:
 - Participate to planning and design activities for access transport network: define network topology and detailed design and implementation, following short/medium term strategy evolution;
 - Covered areas:
 - o Fiber optic access network (planning, design and implementation, including activities required for equipment monitoring), MW point-to-point, point-to-multipoint
 - o Frequency planning and interference
 - o Load analysis: load vs. installed capacity in order to dimension properly the access transmission network
 - o Performance analysis: error rate vs. ITU-T performance standards
 - o Configuration management of transmission systems and IP access nodes
 - Participate to activities related to transmission network as support of new nodes implementation and integration;
 - Assist engineers in analyzing access network utilization: used vs. installed capacity in order to review IP access and transmission capacity requirements for the access network;
 - Assist engineers involved in analysis and testing of new equipments and technologies;
 - Collaborate with suppliers and service providers for successful development of access transmission network;
 - Assist senior engineers with company projects and attend project meetings.
2. Reporting and documentation:
 - Documents technical solutions, procedures and processes as per manager's request;
 - Updates transmission network documentation (including inventory database).



3. Personal development:

- Acquire and continuously improve technical knowledge and expertise in equipments and technologies involved in the above mentioned responsibilities;
- Pro-actively drive personal development to be ready for all changes planned in the Network, due to business conditions and technology changes.

Working conditions:

- Use MS Office, work in open space;
- Interruptions can be frequent and deadlines are usually critical;
- Work related stress.

What are we looking for?

Education and other certifications

- University diploma or student in the final year/ at master: Polytechnics University - Electronics, Computers Science, Electrical or other technical specialization;
- Other specific and certificated / attested courses.

Professional experience

Previous professional experience is not required.

Technical competences and skills

- Basic knowledge within transmission area;
- Good knowledge of Office, Visio and SQL;
- English (above average, technical vocabulary);
- Excellent verbal and written communication skills;
- Excellent analytical skills;
- Well organized and structured person;
- Teamwork and cooperation;
- Positive attitude, proactive and committed.