

## VHF Radio Maintenance Course

### Course Aim

The course is designed to provide trainees with an overview of the most important systems, equipment and procedures within CNS/ATM environment, as well as the role of ATSEP and his/her responsibilities towards certification and licensing.

### Who should attend

- Personnel at Air Navigation Service department

### Entry Requirements

- Minimum age: 18 years
- Education or Qualification Requirements: Technician with a minimum of four years related job experience or Bachelor of Telecommunication engineering.
- Linguistic requirements: English

### Course Content

- i. Annex 10 -Communication Requirement
- ii. Installation Standards
- iii. Radio Wave Propagation
- iv. Introduction to Modulation techniques
- v. Transmission lines
- vi. Antenna Theory
- vii. Test and Measuring Instrument
- viii. VHF Radio Technologies
- ix. Radio Interferences Analysis, Mitigation and Prevention Methods
- x. Power Supplies
- xi. Practical

### Course Duration

- 2 weeks

### Course fee

- Tanzanian: TZS 2,000,000
- Non-Tanzanian: USD 2,000