Signals and Telecoms

Course Name

TCP/IP Networking

Course Description

This course gives an in depth introduction to the theory and application of TCP and IP technologies used on Network Rail's telecommunications network covering the principles of the OSI 7 layer stack, general IP networking principles including encapsulation, decapsulation and relevant PDU's for each layer. Theory is then applied by building and testing a test network in the practical lab.

Audience

For Telecoms Technicians / Engineers required to Fault find and maintain Cisco switches and routers used on the network. It is also suitable for NMC Analyst's, Telecoms Technicians / Engineers line managers and Project Managers/Engineers who require this level of knowledge.

Duration: 3 Day(s) **Class Size:** 6

Competence Name Awarded

Undertake corrective and preventative maintenance of transmission systems; Routers 1st line activity eg Cisco ME3400/2520 and ASR903;

Competence Awarded

Tel 08; Tel 08.71

Course Code

Tel 08; Tel 08.71

Prerequisite Name

N/A

Prerequisite Short Code

N/A

Skills Assessment Scheme Regime

4

Course Type

Face to Face