ICT Networking Pathway - Level 3

LEARNING JOURNEY

LEARNING CURVE GROUP

Unit 1 (6 weeks)
Modern Digital Infrastructure
This unit is an introduction to the role, employees will understand the infrastructure and the fundamentals of support, time management and infrastructure.

Unit 2 (6 weeks)
Data Fundamentals
This unit ensures employees understand the principles surrounding communication, including adapting to audiences, cultural awareness, how to build and write technical documentation

Unit 3 (4 weeks)
System Fundamentals
This unit ensures employees understand the architecture and operating system fundamentals. Employees will cover system requirements, PowerShell, backup and storage and the fundamentals of databases.

Unit 4 (4 weeks)
Cloud Fundamentals
Employees will understand the role of cloud systems, including platforms, storage, API and web services. Second part of the module covers Cloud security including firewalls and virtualisation.

Unit 5 (4 weeks)
Security Fundamentals
Employees can understand the concepts surround IT security – including People, Product and Process. Employees gain knowledge of encryption and security of mobile devices.

Unit 6 (4 weeks)
Network Fundamentals
Employees understand the principles of networking and the theory behind it. The module covers the OSI model, protocols, addressing, and the types of networking including virtual.

Unit 7 (6 weeks)
Fault Finding
The module enables employees to understand method of fault finding including Root Cause, types of maintenance and the use of fault finding tools.

Unit 8 (4 weeks)
Install and Configure Software
Employees cover best practice techniques for upgrading software and performing updates. The modules ensures an understanding of planning and relevant documentation.

Unit 9 (8 weeks)
Advanced Networking
Employees develop a deeper understanding of networking principles,, including network architecture. Cabling, and Dev Ops methodologies.

Preparation for End-point Assessment (8 Weeks)
You will review your Portfolio of Evidence, through the Gateway, to complete your End Point Assessment.