

NETWORK ENGINEER

Workplace Curriculum

To achieve this apprenticeship, your apprentice would be expected to build experience and knowledge relevant to the role of a Network Engineer. The Apprenticeship Standard specifies the following roles, duties and responsibilities in the Workplace Curriculum.

Suitable Job Titles



Network Engineer



Data Centre Engineer



Network Technician



Systems Engineer



Network Administrator

Workplace Activities

- Install, configure and test appropriate network components or devices securely to well-defined specifications.
- Acquire and analyse network performance data to monitor network activity.
- Optimise and maintain the performance of network systems or services in line with well-defined specification.
- Investigate and problem solve to address technical performance issues in networks to return the network to successful operation and escalate as necessary.
- Undertake upgrades to a network including physical or virtual systems.
- Interpret written requirements and technical specifications in relation to delivery of network systems and services.
- Maintain accurate logical records in line with organisational policy when carrying out network tasks.
- Use operational data to manage weekly work schedule in an efficient and cost-effective way.
- Consider the impact and risks when implementing network changes in line with work activities and escalating as required by organisational policies.
- Communicate technical network requirements effectively and professionally with a range of stakeholders.
- Practice continuous self-learning to keep up to date with technological developments to enhance relevant skills and take responsibility for own professional development.
- Incorporate considerations of the requirements of the wider digital context in which they operate to ensure that network engineering activities are carried out effectively.
- Ensure all network engineering activity complies with organisational policies, technical standards, health and safety legislation, data security requirements, professional ethics, privacy, and confidentiality.
- Deliver a high-quality service under pressure.