



Network Engineer

Level 4
Apprenticeship

INTEQUAL

About us

At Intequal, we are specialists in the management and provision of top quality IT and digital apprenticeship programmes.

As a technology driven organisation, we have years of experience acquiring and training talent for all types and sizes of organisations. Our apprenticeships provide real-time work and learning experience opportunities in various industry sectors and our programmes include globally recognised professional qualifications from Microsoft and CompTIA.

Working closely with business, we deliver our apprenticeships through interactive instructor-led online learning sessions via Skype. These act as a virtual classroom conducted twice weekly within the workplace with a fully qualified trainer.

Our blended training delivery enables:

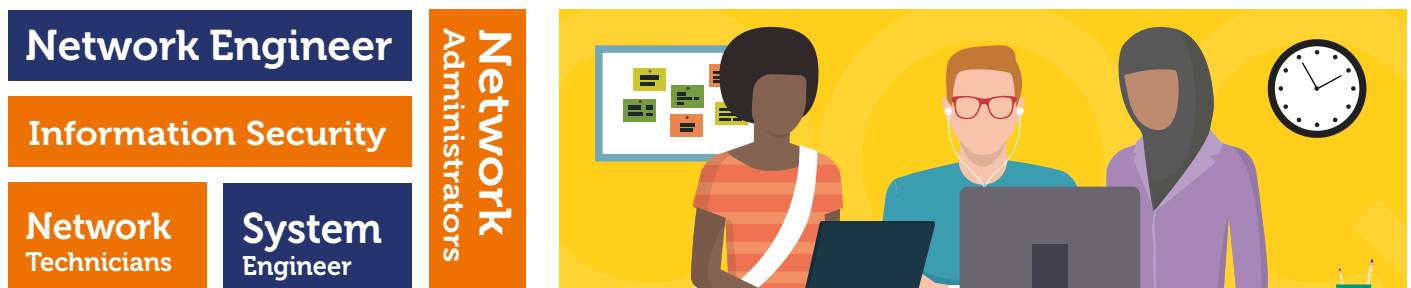
- Increased productivity - workbased study
- Instant application of knowledge to role
- Dedicated Pathway Planner to provide study support
- Employer-led training tailored to business needs

Network Engineer

Level 4 Apprenticeship Programme Summary

The aim of the programme is to provide the skills and knowledge required to begin a career in IT as a Network Engineer or similar role. The duration of this apprenticeship programme is typically 16-18 months delivered in a blend of online/offline methods whilst staying within the workplace. This apprenticeship is also recognised for entry onto the Register of IT Technicians upon completion.

Career Pathways



Programme Comprises

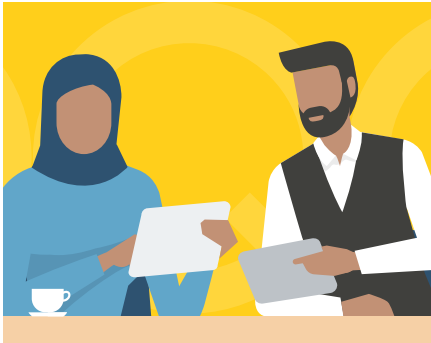


Study modules

NB: Please note all of the following modules have multiple choice Vendor or Awarding Bodies exam based assessments.

CompTIA Network+

- CompTIA Network+ helps develop a career in IT infrastructure covering troubleshooting, configuring, and managing networks.



Key Topics

- Design and implement functional networks
- Configure, manage, and maintain essential network devices
- Use devices such as switches and routers to segment network traffic and create resilient networks
- Identify benefits and drawbacks of existing network configurations
- Implement network security, standards, and protocols
- Troubleshoot network problems
- Support the creation of virtualised networks

Level 4 Diploma in Network & Systems Architecture

- This unit provides an understanding of the role of a network engineer who plans, installs, configured, maintains and supports complex computer networks.



Key Topics

- Understand concepts affecting server selection
- Understand the roles of servers
- Understand network storage
- Understand maintenance and troubleshooting of servers

Level 4 Diploma in Network Security

- This unit provides builds on the learning in previous units to develop further understanding of network security theories, practice and implementation.



Key Topics

- Understand security threats
- Understand how to configure network security



"My apprenticeship has been fantastic from start to finish. I think the balance of learning skills whilst actually working is a beneficial one and for me the preferred one over a university. I knew I wanted to do IT but the courses I looked at university-wise didn't offer value for money in my opinion. I would definitely recommend an apprenticeship to friends and family – and in fact, already do."

Liam

Please contact our team at Intequal for further information

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