



## Network Engineer

### Course Overview

- ◆ This apprenticeship programme includes learning about the primary role of a Network Engineer, covering aspects of designing, installing, maintaining and supporting communication networks within a business or between organisations.
- ◆ The apprentice will learn how to maintain high levels of operation for communication networks in order to provide maximum performance and availability for users, such as staff, clients, customers, and suppliers.
- ◆ They will understand network configuration, cloud, network administration and monitoring tools, to be able to give technical advice and guidance. Students will develop their logical and creative thinking, analytical and problem-solving skills in order to maintain a productive, professional and secure working environment.
- ◆ Throughout the duration of the apprenticeship, the modules of study covered include: CCNA 1 - Networking Fundamentals, CCNA 2 - Routing & Switching, CompTIA Server+ and CCNA Security.
- ◆ Some of the core competencies the apprentice will learn include: install and configure network components, including switches, routers and firewalls, optimise the performance of network systems and services, apply diagnostic tools and techniques to identify the causes of network performance issues, and design simple networks from a well-defined specification and apply appropriate security products and processes.

## Who is it aimed at?

It's open to all ages - not just school or college leavers, employed adults are eligible too. The course is for anyone interested in the following job roles:

- ◆ Network Technician
- ◆ Network Engineer
- ◆ Systems Engineer
- ◆ Network Administrator

These roles can vary within the IT department of small, medium and large businesses.

## Duration

- ◆ This apprenticeship takes approximately 24 months for the apprentice to fully complete.

## How is this apprenticeship delivered?

- ◆ As part of this apprenticeship programme, the apprentice will spend four days in the workplace and one day at college where they will undertake classroom training, portfolio building and will perform practical related projects.

## Entry requirements

- ◆ Employers set their own entry specification but the apprentice will hold a A-levels or other Level 3 qualifications as well as GCSE Maths and English.

## Off-the-job funding rule

- ◆ The funding rules state that 20% of the apprentice's time must be spent completing off-the-job training, this may include different activities and is measured over the course of the apprenticeship.
- ◆ Apprentices will be required to undertake the equivalent of a day's training to meet this funding rule. This could be either attending BCoT, shadowing another department/role, online learning, or manufacturer training and will be fully documented in their portfolio.

## Progression opportunities

- ◆ Upon completion of the apprenticeship, with the transferable skills gained, the apprentice can progress further within the profession into a wide range of IT and Network Engineering roles across many sectors.
- ◆ The apprentice may also wish to progress their training further and undertake relevant qualifications related to their role in the workplace.

## Did you know?

- ◆ An apprentice can be a new or existing employee.
- ◆ Apprenticeships are open to anyone living in England over the age of 16 and not in full-time education.
- ◆ Apprenticeship programmes can go up to degree level.
- ◆ BCoT is one of the largest providers of apprenticeships in the region. We work with large and small employers across all industry sectors.
- ◆ BCoT is in the top 30% of colleges nationally for timely achievement of apprenticeships for all ages and levels - National Achievement Rate Tables 2017/18.

## Get in touch

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