

General Enquiries

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Cisco CCNA1 (Introduction to Networks v7)

Location	Stockport College
Course Type	Adult
Department	Computing
Start Date	Tuesday 13th October 2026
Duration	Part-time, 14 Weeks
Time	17:00:00 - 19:00:00
Fee	£ 297.00 You may be eligible for support with your tuition fees - please visit the college website - funding and finance page for further information
Course Code	SPQ-CPXZ-1200

Course Overview

From understanding network architectures and protocols to mastering IP addressing and Ethernet fundamentals, you will develop foundational knowledge and build your networking basics. This course also includes interactive labs and real-world scenarios to help you gain practical experience in building local area networks (LANs), implementing network security measures, and configuring routers and switches.

Course Requirements

There are no formal requirements for this Cisco Networking course, but you should ideally have Level 2 qualifications (or equivalent) in English and Maths to gain the most from the programme.

What You Will Learn

- Build simple LANs, perform basic configurations for routers and switches, and implement IPv4 and IPv6 addressing schemes.
- Configure routers, switches, and end devices to provide access to local and remote network resources and to enable end-to-end connectivity between remote devices.
- Develop critical thinking and problem-solving skills using real equipment and Cisco Packet Tracer.
- Configure and troubleshoot connectivity a small network using security best practices.

Assessment

Throughout the duration of the course, you will complete a number of online tests, with one final online exam, and one final work-based practical exam.

Once you have completed all courses in the curriculum you will be fully prepared for the professional exam 200-301 (taken separately at a testing facility).

Progression

Cisco CCNA2 (Switching, Routing, and Wireless Connections)

Career Options

Entry-level job roles like Network Administrator, System Administrator, or Network Engineer.

Mandatory Units

Networking Today

Basic Switch and End Device Configuration

Protocol Models

Physical Layer

Number Systems

Data Link Layer

Ethernet Switching

Network Layer

Address Resolution

Basic Router Configuration

IPv4 Addressing

IPv6 Addressing

ICMP

Transport Layer

Application Layer

Network Security Fundamentals

Build a Small Network

Contact Details

For further information please contact T: 0161 886 7070 or E: info@trafford.ac.uk

Disclaimer

Although every care has been taken to ensure that the information contained within this document is accurate, there may be changes to this programme and provision. We will endeavour to keep prospective and current students updated where appropriate and when the information becomes available.