

## HND Computing for England (Network Engineering) (HTQ)



Subject Area	
Course Type	Higher Education
Study Level	Level 5
Delivery Mode	Full-time
Duration	2 Academic Years
Start Date	August 2026
	PFHN057

View on [bradfordcollege.ac.uk](http://bradfordcollege.ac.uk)



### Course Summary

This course offers you more in-depth knowledge of network engineering. You will be able to demonstrate a sound knowledge of the foundational concepts of computer networks, including hands-on practical experience. You will be able to communicate accurately and appropriately and will have the qualities needed for employment that require some degree of personal responsibility.

In addition to the technical skills and knowledge, you will also gain a range of transferable skills to ensure effective team working, take independent initiative, solve problems and have an adaptable and flexible approach to network engineering, showing resilience under pressure, and meet challenging targets within a given resource. The course will prepare you for a range of careers in computing, including network engineering, software engineering, data analytics, security, intelligent systems, applications development and testing.

There will also be an opportunity to achieve a vendor accredited certification. A programme of events has been developed where experts from industry or visiting academics in the subject area will present to the students. The School of Computing runs a series of 'Tech Talks' where industry specialists have visited the College to speak with students, local employers and College stakeholders. The School of Computing also holds an annual Student Conference featuring talks from alumni who are now working successfully in industry.

# What You Will Learn

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You will learn:

Principles and practices of the global computing environment

Organisational nature, purposes, structures and operations

CPD, staff development, leadership and reflective practice as methods and strategies for personal and people development

Computing and computer applications, software development, networking and media systems

How technologies interrelate and communicate with one another, support processes and lead to a computerised solution to a problem

Programming and coding skills

Client relationship management and stakeholder expectations

## Modules

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Level 4

- Programming
- Networking
- Professional Practice
- Database Design and Development
- Security
- Planning a Computing Project (Pearson set)
- Computer Systems Architecture
- Website Design and Development

Level 5

- Computing Research Project (Pearson set)
- Business Process Support
- Transport Network Design
- Cloud Computing
- Network Security
- Network Management
- Client/Server Computing Systems

## Entry Requirements

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48 UCAS tariff points with a minimum of three GCSEs at Grade C/4 or above and

including Mathematics and English. Applicants who do not meet the criteria for Mathematics and English will be considered and will be invited for interview where they will sit a numeracy and literacy skills assessment.

The School of Computing welcomes applications from candidates who do not meet the above criteria. Where this is the case, applicants will be invited for interview at which they will be expected to provide a portfolio (either physical or digital) that:

Demonstrates industry experience or a relevant vendor qualification in a Computing discipline;

OR

Provides examples of computer skills appropriate to Level 4/5 study. Examples could include:

- Network administration and automation
- Website development
- Database design
- Programming skills
- Network security
- Data security
- Candidates will also be required to undertake literacy and numeracy skills assessment along with a Computing aptitude test.

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