

## HND in Computing (Cyber Security) (HTQ)



Subject Area	Digital
Course Type	Higher Education
Study Level	Level 5
Delivery Mode	Full-time
Duration	2 Academic Years
Start Date	August 2026
Course Code	PFHN026

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### Course Summary

As well as developing your knowledge in computing, you will learn about key topics in cyber security. Learn about the importance of networking and protecting from valuable and sensitive data from hackers, understanding prevention and how to deal with cyber attacks as well as developing programming and coding skills.

You will benefit from partnerships with key industry professionals including CISCO, AWS Academy and CompTIA as well as the opportunity to visit specialist events such as the IPEXpo in Manchester, Tech Huddle and Leeds Digital Job Fair.

### What You Will Learn

This course will equip students with computing skills, knowledge and understanding in order to achieve high performance in the global computing environment, and provide education and training for a range of careers in computing, including network engineering, software engineering, data analytics, security, intelligent systems, applications development and testing. You will gain an insight and understanding of

international computing operations and the opportunities and challenges presented by a globalised market place. Students will also be able to achieve a vendor accredited certification.

## Modules

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### Level 4

- Programming
- Networking
- Professional Practice
- Cyber Security
- Security
- Website Design and Development
- Planning a computing project

### Level 5

- Computing Research Project (Pearson set)
- Business Process Support
- Applied Cryptography in the Cloud
- Forensics
- Information Security Management
- Network Management
- Client/Server Computing Systems

## Entry Requirements

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F48 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 professional industry experience 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.

## Work Experience

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Although this course does not directly offer work experience, there are opportunities for you to undertake a work placement or work experience during your time studying on this course.

Additionally, practical and hands-on skills have been built into the design of this course meaning that you will have the opportunity to use relevant contexts, scenarios and materials to enable you to develop a portfolio of evidence demonstrating the breadth of their skills and knowledge in a way that equips you for employment.

## Progression

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Successful completion of this course can lead to job prospects as: IT Technician, Business and Data Analyst, Cyber Security Technologist, Developer and Programming.

Why not upgrade your knowledge and skills with our further study options? We offer fantastic higher level study options in:

- BSc (Hons) Networking Infrastructure and Security
- BSc (Hons) Information System Management
- BEng (Hons) Software Engineering

Progress with us, [view our higher level courses](#).

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