

HND in Computing for England (Cyber Security)

Subject Area	Digital
Course Type	Higher Education
Study Level	Level 5
Delivery Mode	Part-time
Duration	4 Academic Years
Start Date	
Course Code	PPHN026

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. It will provide the education and training for a range of careers in computing, including network engineering, software engineering, data analytics, security, intelligent systems, applications development and testing and an insight and understanding of international computing operations and the opportunities and challenges presented by a globalised market place.

There is also an opportunity for students to achieve vendor accredited certifications.

Modules

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

For students who have recently been in education, the entry profile is likely to include **one** of the following:

- A BTEC Level 3 qualification in Computing (or a related subject)
- A GCE Advanced Level profile that demonstrates strong performance in a relevant subject or adequate performance in more than one GCE subject; this profile is likely to be supported by GCSE grades A* to C and/or 9 to 4 (or equivalent) in subjects such as Maths and English
- Other related Level 3 qualifications
- An Access to Higher Education Diploma awarded by an approved further education institution
- Related work experience
- An international equivalent of the above

Work Experience

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

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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