

Higher National Certificate in Computing for England (Cyber Security)

Subject Area	Digital
Course Type	Higher Education
Study Level	No formal qualification
Delivery Mode	Part-time
Location	David Hockney Building
Duration	2 Academic Year
Start Date	September 2024
Course Code	PPHN016

Course Summary

Cyber security is the practice of protecting critical systems and sensitive information from cyber attacks. This course will help to develop your knowledge in the computing and cyber security sector in order to secure a successful career. 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

You will study specialist topics such as:

- Networking

- Cyber Security
- Applied Cryptography in the Cloud
- Information Security Management
- Forensics

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 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

Career progression can include further study or careers in:

- Software Engineering
- Data Analytics
- Network Engineering
- Applications Development and Testing

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