




Level 5

Computing for England (Cyber security)

Higher National Diploma (HND)



				
Duration	Location	Starting	Age	Careers
2 years	Rush Green Campus	Sept 2024	Adult 19+ Higher Education	Digital & IT

Course fees per year

To be confirmed

The above fees include tuition and exam fees.
Contact us to discuss what Financial support is available.

Overview

Secure your future in Cyber Security. Expert-led, hands-on training to combat digital threats and safeguard data.

This program offers an immersive learning journey, blending theoretical foundations with hands-on training in cutting-edge cyber defence techniques. Engage in simulated cyber-attack scenarios, applying your knowledge in a realistic yet controlled environment. Prepare for your next career step by extending your knowledge in cybersecurity and exploring network security, ethical hacking, digital forensics, and cryptography. You will also benefit from a strong emphasis on real-world application, preparing you to tackle contemporary cyber challenges effectively.

Led by experienced educators and industry professionals, the program ensures you receive up-to-date knowledge and insights into the latest industry trends and threats. Equip yourself with the skills and strategies necessary to address modern cyber threats with confidence.

What you'll learn

Year 1

Students are required to study the following compulsory modules.

- Unit 1 Programming (15 credits)
- Unit 2 Networking (15 credits)
- Unit 3 Professional Practice (15 credits)
- Unit 4 Database Design & Development (15 credits)
- Unit 5 Security (15 credits)
- Unit 6 Planning a Computing Project (15 credits)
- Unit 10 Cyber Security (15 credits)
- Unit 14 Maths for Computing (15 credits)

Year 2

Students are required to study the following compulsory modules.

- Unit 16 Computing Research Project (30 credits)
- Unit 17 Business Process Support (15 credits)
- Unit 28 Cloud Computing (15 credits)
- Unit 30 Applied Cryptography in the Cloud (15 credits)
- Unit 31 Forensics (15 credits)
- Unit 32 Information Security Management (15 credits)
- Unit 50 Operating Systems (15 credits)

Assessments / Exams

You'll be assessed through a combination of assessment methods depending on the modules chosen. This includes coursework and exams.

Entry requirements

- **64 UCAS Tariff points** which **must** include one of the following:
 - **A Level:** demonstrable strong performance in a relevant subject.
 - **BTEC National:** Diploma/Extended Diploma in a relevant subject, such as, Computing
 - **A Level and BTEC National:** Diploma/Extended Certificate in Computing and an A level.
 - **Access to Higher Education Diploma:** Science.
- **In addition, you will need:** 5 GCSEs including GCSE Mathematics, GCSE English Language/Literature and GCSE Science all at grade 4/C. Equivalent qualifications may be considered.

Applicants who do not have the above may be considered on a case-by-case basis provided they possess appropriate work experience. In such cases, applicants will need to participate in an interview.

What this course leads to

Graduates of the HND course are well-equipped to pursue a variety of in-demand and rewarding careers within the field of cyber security and beyond.

These careers leverage the in-depth knowledge and practical skills gained during the course, focusing on protecting digital environments and infrastructure from cyber threats. Potential career paths include:

- Cyber Security Analyst
- Information Security Manager
- Ethical Hacker/Penetration Tester
- Digital Forensics Specialist
- Network Security Engineer
- Security Consultant
- Incident Responder
- Compliance and Assurance Analyst.
- Security Software Developer
- Risk Analyst

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