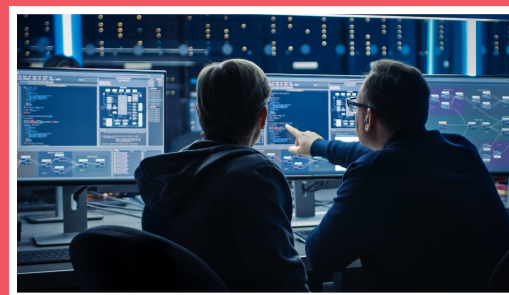


## Higher National Level 4 Flex – Cyber Security



Subject Area	Digital
Course Type	Higher Education
Study Level	Level 4
Delivery Mode	Part-time
Location	David Hockney Building
Duration	12 Weeks
Start Date	September 2025
Course Code	HA000005

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### Course Summary

This short course in Cyber Security gives you a deep dive into the world of online threats, vulnerabilities, and defensive strategies. Whether you're looking to build a career in cybersecurity or gain essential skills to protect your organization's digital infrastructure, this course equips you with the knowledge you need to stay ahead in the fast-evolving world of cyber threats.

Delivered through a blend of face-to-face and online learning, this course will guide you through both fundamental and advanced cybersecurity concepts. You'll explore various cyber threats, attack vectors, and learn about the best practices to defend against them. From understanding the principles of cybersecurity to investigating how malicious actors target systems, you'll develop the practical skills and critical thinking required to respond to real-world incidents.

By the end of the course, you'll be confident in evaluating vulnerabilities in ICT infrastructure, understanding the roles and responsibilities of cybersecurity professionals, and implementing strategic responses to emerging threats. This course is ideal if you're looking to pursue a career in IT security or want to deepen your

understanding of cybersecurity in your current role.

## What You Will Learn

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- **Principles of Cyber Security:** Understand the core concepts of cybersecurity, including the key principles and frameworks that guide best practices in protecting systems and data.
- **Cyber Threats and Attack Vectors:** Explore the wide variety of cyber threats—ranging from malware and phishing to more sophisticated attacks—and learn how these vectors target systems and data.
- **Security Technologies and Practices:** Gain hands-on experience with the latest security technologies, such as firewalls, encryption, and intrusion detection systems. You'll also learn how to apply these practices to strengthen defenses and respond effectively to incidents.

By the end of this course, you'll have the skills to protect networks, systems, and data from a variety of cyber risks, making you a valuable asset in any organization's cybersecurity team.

## Modules

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- Principles of cyber security
- Cyber threats and attack vectors
- Security technologies and practices

## Progression

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Each module is worth 15 credits. If you successfully complete one, two or three modules, you will receive a Certificate of Unit Credit (CoUC) upon completion of the individual units. If you finish 8 units, you will be awarded a HNC. **You can progress onto other units, and then onto a HNC or HND.**

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