

## General Enquiries

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## HND Computing for England (HTQ) - Cyber Security Pathway

Location	Stockport College
Course Type	University Level
Department	Computing
Start Date	Monday 15th September 2025
Duration	Full-time, 1 Year
Time	-
Fee	£ 0.00
Course Code	SPQ-HI4H-1300

## Course Overview

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This HTQ Level 5 course is designed to equip students with a robust skill set and provide in-depth knowledge across diverse facets of computing. The first year includes a range of subjects relating to computer fundamentals including programming, networking and website design. This provides the background knowledge required to approach the more advanced subjects in year 2 and to complete the final research project.

Over the two year programme, students will gain a comprehensive and strategic understanding of information security within the context of modern computing environments. Content covers the principles and practices of safeguarding sensitive information. Emphasis is placed on developing robust security policies, risk management and the implementation of security controls. Applied cryptography in the cloud equips students with the knowledge and practical skills to secure data in cloud environments. This unit explores cryptographic techniques tailored to the cloud, ensuring that students can implement robust encryption strategies in the dynamic and distributed nature of cloud computing.

## Course Requirements

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Whilst applications are considered on an individual basis, offers are usually based on a requirement to have:

64 UCAS points from either:

- A L3 qualification in a relevant subject
- GCE A levels
- An Access to Higher Education Diploma in a relevant area

Successful applicants should have 4 GCSEs at grade C (grade 4) or above including Maths and English

Mature students with relevant work experience and/or professional qualifications are welcome to apply and may be invited to interview

## What You Will Learn

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The course further addresses the critical aspect of digital forensics in a specialist unit. Students will gain insights into investigative techniques and tools essential for identifying, preserving and analysing digital evidence. Recognising the integral role of information security within broader business processes, the unit on business process support explores the intersection of technology and organisational workflows.

## Assessment

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Students are assessed by centre-developed internal assignments and Pearson-set assignments, which target industry-specific skills. Units are assessed using a variety of methods including reports, presentations, practical workshops and portfolios and evidence.

## Progression

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Students may complete our 1 year BSc (Hons) Computing (Cyber Security) top-up, awarded by Sheffield Hallam University. Alternative top up degree courses include:

- BSc (Hons) Cyber Security and Forensic Computing
- BSc (Hons) Computing and Information Technologies
- BSc (Hons) Digital Technologies (Cyber Security)

## Career Options

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On completion students may develop their career in this sector by entering or continuing existing employment. Students may consider roles such as:

- Cybersecurity analyst
- Penetration tester
- IT Security engineer
- IT Security consultant
- Forensic computer analyst

## Mandatory Units

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At Level 4 you will study:

- Programming
- Networking
- Professional Practice
- Database design and development
- Security
- Planning a computing project
- Cyber security
- Website design and development

At Level 5 you will study:

- Computing research project
- Business process support
- Applied cryptography in the cloud
- Forensics
- Information security management
- Internet of Things
- Client/Server Computing Systems

## Extra Costs Involved

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There are no essential additional costs to this course, however, you will need access to a suitable laptop or similar for work outside of teaching hours.

## Exam Validation Body

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Pearson Education Ltd

# Exam Validation Body

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Pearson Education Ltd

## Hours Per Week

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12 hours per week

## How Long To Complete

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2 years

## Programme Structure

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The Higher National Diploma (HND) is a Level 5 qualification made up of 240 credits studied over two years

## Contact Details

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For further information please email [HEenquiries@tcg.ac.uk](mailto:HEenquiries@tcg.ac.uk)

## Disclaimer

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Although every care has been taken to ensure that the information contained within this document is accurate, there may be changes to this programme and provision. We will endeavour to keep prospective and current students updated where appropriate and when the information becomes available.