



WORCESTERSHIRE
Higher Education Institute

EVERYONE HAS AN
INNER GENIUS

We can help
you find yours



UK Quality Assured

2021/22

HND Computing (Security) Level 5

COURSE OVERVIEW

Our full time HND in Computing (Security) is a course which specialises in computing and cyber security

It is designed to equip you with the knowledge, understanding and skills required for success in current and future employment in an ever expanding IT industry. You will establish essential skills in network design, computer architecture, software development & systems, web design and systems security as well as professional development at Level 4 before choosing specialist option modules at Level 5 to increase your knowledge and skills in cyber security, cryptography, digital forensics and computer network security.

Throughout your final year you will also undertake an individual project working with a real client and employability skills are developed through work experience and links within our employment partners.

Class sessions will be complemented by independent, self-directed learning using a Virtual Learning Environment (Moodle).

Full-time study is fifteen hours per week, over two semesters, including tutorial time. It is expected that for every hour spent in the classroom, the equivalent is dedicated to independent, self-directed learning outside contact hours.

Units will be taught using a variety of teaching and learning styles: formal taught sessions, directed learning, tutor-led discussion and seminars, practical workshops with students working individually and/or in groups according to need and their learning preference.

LOCATION
WORCESTER
CST-HD5

AWARD ON SUCCESSFUL COMPLETION
HND Computing (Security) Level 5

HOW TO APPLY
Please apply through our website at www.howcollege.ac.uk

For further information please visit howcollege.ac.uk or email our Professional Admissions team ProfAdmissions@howcollege.ac.uk



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MODULES

Year 1 - Level 4

- Professional Practice
- Programming
- Computer Systems Architecture
- Website Design and Development
- Managing a Successful Project
- Database Design and Development
- Networking
- Security

Year 2 - Level 5

- Computing Research Project
- Business intelligence
- Emerging Technology
- Information Security Management
- Forensics
- Cryptography
- Network Security

ENTRY REQUIREMENTS

80 UCAS points or equivalent and a the minimum of GCSE english and maths grade 4 or higher, or equivalent

Learners are expected to be able to demonstrate English language comprehension at a level equivalent to IELTS 5.5 to be able to study BTEC Higher Nationals.

The College has a commitment to widening participation in Higher Education, and will therefore give careful consideration to prior experiential learning, non-traditional qualifications and qualifications obtained outside of the United Kingdom.

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METHODS OF ASSESSMENT

Units will be assessed using a variety of methods: reports, seminars, presentations, practical workshops, academic essays, screencasts and portfolios of evidence. Alternative assessment methods may be used where appropriate.

WHAT CAN I DO NEXT?

On successful completion of the full time HND, you can opt to 'top-up' to a BSC Honours Degree in a relevant computing field at university.

Alternatively, this is a recognised qualification to gain work in computing and IT sector. Possible career pathways may include: Cyber Security Specialist, Network Analyst, Pen Tester and more.

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