

EVERYONE HAS AN INNER GENIUS

We can help
you find yours



UK Quality Assured



AWARDED SILVER IN THE
2017 TEACHING EXCELLENCE
FRAMEWORK

Level 5 HND in Computing

“The way to be successful in the software world is to come up with breakthrough software, and so whether it’s Microsoft Office or Windows, it’s pushing that forward. New ideas, surprising the marketplace, so good engineering and good business are one and the same.” Bill Gates

COURSE OVERVIEW

Our full time HND in Computing (Network Engineering) is a specialist computing course, specialising in network design and engineering.

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 computer forensics, cryptography and network security.

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.

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.

LOCATION

WORCESTER
WCOM-CST-HD5

COURSE LENGTH

September 2019

TUITION FEES

DEP

ADDITIONAL COSTS

Additional costs may be incurred for the costs of consumables and trips/excursions. Professional Development & Practice may incur additional travel and parking charges.

AWARD ON SUCCESSFUL COMPLETION

Level 5 HND in
Computing

HOW TO APPLY

Full-time applications:
www.ucas.com
Part-time applications:
www.howcollege.ac.uk

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MODULES

Year 1 - Level 4

- Professional Practice
- Event Driven Programming
- Computing Systems Architecture
- Website Design and Development
- Managing a Successful Project
- Database Design and Development
- Networking
- Security Optional

Year 2 - Level 5

- Computing Research Project
- Business intelligence
- Internet of Things
- Cryptography
- Computer Forensics
- Internet Server Management
- Network Security

ENTRY REQUIREMENTS

64 UCAS points or equivalent:

- BTEC Level 3 Diploma or equivalent in a Computing related field
- GCE A levels in more than one subject, grade C or higher – preferably demonstrating strong performance in a relevant subject.
- Access to a Higher Education Certificate awarded by an approved Further Education institution
- Related work experience
- International equivalent of the above

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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HOW WILL I BE ASSESSED?

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: Forensic Computer Analyst, IT Security Coordinator, Ethical Hacker, Fraud Analyst.

STAFF EXPERIENCE

The Computing teaching team is made up of highly experienced vocational staff with several years' experience of teaching both software development and networking at undergraduate level. All team members have relevant teaching qualifications which arm them with the skills to share their first-hand knowledge and expertise with students.