

EVERYONE HAS AN INNER GENIUS We can help you find yours



UK Quality Assured



AWARDED SILVER IN THE 2017 TEACHING EXCELLENCE FRAMEWORK



BTEC Level 5 HND Diploma in Computing (Application Development)

Our full time HND in Computing (Application Development) is a specialist computing course, specialising in software and app development.

COURSE OVERVIEW

10100

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 software development, prototyping and testing.

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, selfdirected learning outside contact hours. LOCATION WORCESTER WCAP-HD5-1820

2018/19

COURSE LENGTH 2 years

TUITION FEES £8,000 per year

AWARD ON SUCCESSFUL COMPLETION

BTEC Level 4 HNC Diploma in Computing

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

HEART OF WORCESTERSHIRE COLLEGE



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♦ 10100



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

Year 2 - Level 5

- Computing Research Project
- Business Intelligence
- Prototyping
- Application Program InterfacesApplication Development

ENTRY REQUIREMENTS

64 UCAS points or equivalent:

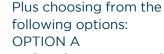
- BTEC Level 3 Diploma or equivalent in a Computing related field
- GCE A levels in more than one subject, grade C or higher preferably demonstrating strong performance in a relevant subject.
- Access to a Higher Education Certificate awarded by an approved Further Education institution
- Related work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

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



- Virtual & Augmented Reality Development
- User Experience and Interface Design

OPTION B

- Internet of Things
- Robotics

OPTION C

- System Analysis
- Database Management Systems

2018/19





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PROGRESSION

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: Software Developer, Web Developer, UI/UX Designer, Games Developer or Tester.

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.



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