

# HEI

WORCESTERSHIRE  
Higher Education Institute

EVERYONE HAS AN  
INNER GENIUS

We can help  
you find yours



UK Quality Assured



2021/22

## HND in Computing (App Development), Level 5

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

### COURSE OVERVIEW

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, self-directed learning outside contact hours.

### LOCATION

WORCESTER

WCAP-HD5-2123

### 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](http://www.howcollege.ac.uk)

For further information please visit [howcollege.ac.uk](http://howcollege.ac.uk)  
or email our HE Admissions team [headmissions@howcollege.ac.uk](mailto:headmissions@howcollege.ac.uk)



HEART OF

WORCESTERSHIRE  
COLLEGE

## EVERYONE HAS AN INNER GENIUS

We can help  
you find yours



UK Quality Assured

### 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 Interfaces
- Application Development

Plus choosing from the following options:

OPTION A

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

OPTION B

- Internet of Things
- Robotics

OPTION C

- System Analysis
- Database Management Systems

### ENTRY REQUIREMENTS

80 UCAS Points (MMP 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.

# HEI

WORCESTERSHIRE  
Higher Education Institute

## EVERYONE HAS AN INNER GENIUS

We can help  
you find yours



UK Quality Assured



### 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.

