

# BTEC National Foundation Diploma in Information Technology Level 3



### In a nutshell

Learners will develop a common core of IT knowledge and study areas such as; the relationship between hardware and software that form an IT system, managing and processing data, using IT to communicate and share information and computational thinking skills. You'll also look at the principles of designing and developing computer programmes to develop skills needed not only by the computing sector but in all sectors using technology in the modern world.

### This course is for you if...

- ... You want a combination of IT knowledge and practical skills
- ... You are enthusiastic about technology
- ... You enjoy being creative

### What will I be doing?

Apply online at [www.coleggwent.ac.uk](http://www.coleggwent.ac.uk)

[studentrecruitment@coleggwent.ac.uk](mailto:studentrecruitment@coleggwent.ac.uk) | 01495 333777 (Croesawn alwadau yn Gymraeg)



## COURSE INFORMATION LEAFLET

The programme is designed to develop your technical skills in systems security, software development and computer games design.

You will study core units in the first year, and then progress to the Extended Diploma in the second year. You'll study a very wide range of IT topics, which could include:

### Year 1:

- Information technology systems (exam)
- Creating systems to manage information (exam)
- Using social media in business
- Programming
- Web development
- Computer games development

### Year 2:

- Cyber security and incident management (exam)
- IT service delivery (exam)
- IT project management
- Cloud storage and collaboration tools
- Digital 2D & 3D graphics
- Digital animation and effects
- Internet of things

You'll be assessed through coursework and exams in the first and second years and you'll achieve:

Level 3 in Computing

### [Skills Activities](#)

### [Maths and English](#)

Other relevant qualifications to enhance your skill set

### What is expected of me?

To enrol, you'll need a minimum of 5 GCSEs grade C or above to include Maths/Numeracy and English/Welsh First Language, or appropriate Level 2 Diploma qualification at Merit grade with GCSE Maths/Numeracy and English/Welsh First Language at grade C or above.



## COURSE INFORMATION LEAFLET

Full commitment to attendance is required. Respect for others, enthusiasm for the subject and self-motivation are the essential qualities we expect to see in all our learners. You will be continually assessed and there is an expectation that you will continue your studies and coursework during your own time.

### What comes next?

HND in Computing or Foundation Degree IT Security at Coleg Gwent

University courses in subjects such as computing, computer games design, computer forensics, e-commerce, gaming, management information systems or database management.

Employment as a junior developer or computer technician etc

Apprenticeship at a suitable IT or Computing company

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