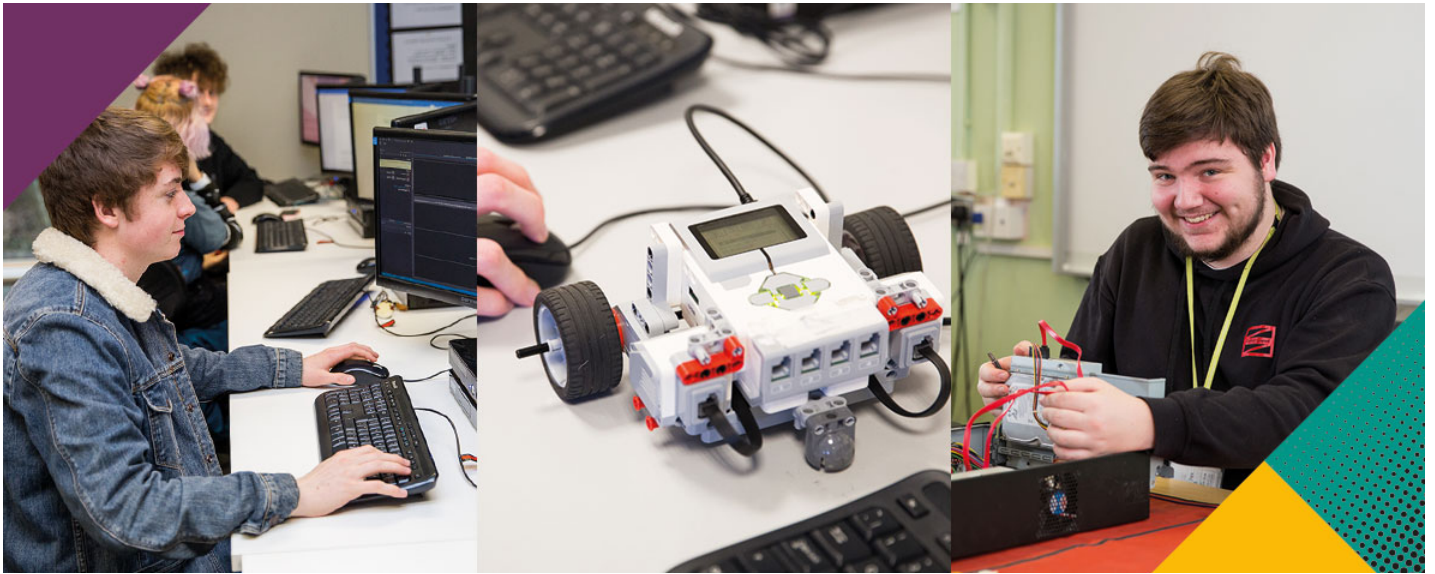


BTEC National Foundation Diploma in Computing Level 3



In a nutshell

This course aims to blend technical skills with the business, interpersonal and project management skills that are needed not only by the computing sector, but by all the sectors using technology in a modern business environment.

This course is for you if...

- ... You want a combination of computing knowledge and practical skills
- ... You are enthusiastic about the ever-changing technological demands of industry
- ... You want to blend technical and business knowledge

What will I be doing?

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



COURSE INFORMATION LEAFLET

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 computing topics, which could include:

Year 1:

- Principles of computer science (exam)
- Fundamentals of computer systems (exam)
- IT systems security and encryption
- Business applications of social media
- Website development
- Digital graphics and animation

Year 2:

- Planning and management of computing projects (assessment)
- Software design and development project (assessment)
- The impact of computing
- Computer games development
- Computer networking
- Relational database development
- Systems analysis and design

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.

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

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studentrecruitment@colegwent.ac.uk | 01495 333777 (Croesawn alwadau yn Gymraeg)





COURSE INFORMATION LEAFLET

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 or other university level study in subjects such as computing, 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

University courses in computer science, computer games design and computer forensics

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