

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 global environment.

This course is for you if...

- ... You're interested in pursuing a career in computing
- ... You wish to study computing at Higher Education level
- ... You're enthusiastic about the ever-changing technological demands of industry
- ... You want to blend technical and business knowledge.

What will I be doing?

COURSE INFORMATION LEAFLET

You will acquire a combination of computer knowledge and practical skills to meet the ever-changing technological demands of industry. The programme is enhanced to develop your technical skills in systems support, software development and networking. You will study core units in the first year, and then progress to a system support, networking or software development pathway 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)

Optional units may include:

IT Systems Security and Encryption
Business Applications of Social Media
Website Development
Digital Graphics and Animation

Year 2:

Planning and Management of Computing Projects (external assessment)
Software Design and Development Project (external assessment)

Optional units may include:

The Impact of Computing
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 National Extended Diploma in Computing (UCAS points equivalent to 3 A levels)
Skills Challenge Certificates (generates UCAS points equivalent to 1 A level)

What is expected of me?

COURSE INFORMATION LEAFLET

To enrol, you'll need a minimum of 5 GCSEs grade C or above which should include Maths/Numeracy and English/Welsh First Language, or appropriate Level 2 Diploma qualification which should include 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'll be continually assessed and there's 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