

WJEC AS Level Computer Science Level 3



In a nutshell

The course offers the opportunity to learn to create software applications and develop problem-solving skills, together with an understanding of the fundamental principles and concepts of Computer Science.

This course is for you if...

- ...you want a blend of practical and theoretical study
- ...you enjoy working with others
- ...you love being creative
- ...you're an analytical thinking and enjoy problem solving

What will I be doing?

Apply online at www.colegwent.ac.uk

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





COURSE INFORMATION LEAFLET

You'll cover an understanding of computer systems including software, hardware and data communications, the main principles of systems analysis, logic, algorithms and data representation.

AS Level:

Unit 1 – Fundamentals of Computer Science
Unit 2 – Practical Programming to Solve Problems

A Level:

Unit 3 – Programming and System Development
Unit 4 – Computer Architecture, Data, Communication and Applications
Unit 5 - Programmed Solution to a Problem

Assessment is based on a written and on-screen exam in year 1 and two written exams and coursework in year 2. You'll gain qualifications in:

AS Level Computer Science
A Level Computer Science
Skills Activities

[English and Maths](#)

What is expected of me?

To enrol, you'll need a minimum of 5 GCSEs at Grade C or above, including a B in English Language/ Welsh as well as a Grade B in Maths/Maths Numeracy or Grade A in GCSE Computer Science.

Full commitment to attendance is required, as is respect for others, enthusiasm for the subject and self-motivation. You'll be continually assessed and there is an expectation that you'll continue your studies and coursework during your own time.

What comes next?

A degree in Computer Science, or a related subject, such as Mathematics, Physics, Engineering or any Science course in Higher Education.
Apprenticeships in Computing

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COURSE INFORMATION LEAFLET

Employment in the IT sector

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