OCR A Level
Computer Science

OCR A Level Computer Science is a comprehensive course designed to equip students with a deep understanding of computer systems and programming. It covers topics such as algorithms, data representation, computer architecture, and software development.

This qualification is highly regarded by universities and employers, providing a solid foundation for future careers in the field of technology.

Entry requirements

6 x GCSEs grades **9 to 4**
A **grade 7** in **Maths**
A **grade 6 in Computer Science** or a **grade 6-6 in Combined Science** (6's in triple Science).

Course content

Computer Systems (01)

- The characteristics of contemporary processors, input, output and storage devices
- Software and software development
- Exchanging data
- Data types, data structures and algorithms
- Legal, moral, cultural and ethical issues

Algorithms and programming (02)

- Elements of computational thinki
- Problem solving and programmin
- Algorithms to solve problems and algorithms

Programming Project (03)

The learner will choose a computing problem to work through, according to the guidance in the specification.

- Analysis of the problem
- Design of the solution
- Developing the solution
- Evaluation