

Computer Science

Course overview

Advances in computing are transforming the way we work and this course gives students everything they need to know about computing. The computer science course gives a broad study of computing and looks at a wide variety of areas including programming, data structures, problem solving, networking, algorithms to name a few. The course focuses on the skills needed to progress to higher education or thrive in the workplace.

Exam / Coursework

80% of the course is assessed through 2 exam papers both lasting 2 hours 30 minutes in which the knowledge the student has gained will be assessed. 20% of the assessment comes from a task set by the exam board that will assess the students ability to solve or investigate a practical problem.

Qualification gained

A-Level in computer science
OCR - www.ocr.org.uk

Entry requirements

5 GCSE's at a grade 4 or higher, including a grade 6 or above in Mathematics, Computer Science or Creative Media, or a related IT course at level 5 or above, is essential.

Career opportunities

Career links to IT technical support, software development, software engineering, app and website construction, engineering, cyber security, data analyst, networks and telecommunications. The course provides opportunities to develop a variety of highly transferrable skills: problem solving, analytics, perseverance, algorithmic thinking, all highly regarded across higher educational institutes and employers.

"I chose this subject because I enjoyed it at GCSE level. Computer Science is widely used in lots of different jobs so I chose it to keep my options open."

First Year Student

