Computer Science

Awarding Body	OCR	Specification Code	H446

Purpose of the course	A Level Computer Science helps students understand the core academic principles of computer science. Classroom learning is transferred into creating real-world systems through the creation of an independent programming project. It will develop the student's technical understanding and their ability to analyse and solve problems using computational thinking.
Entry requirements	GCSE Computing grade 5 and above
Type of qualification	A Level
Course contents	The content of this A Level in Computer Science is divided into three components: • Computer systems component contains the majority of the content of the specification and is assessed in a written paper recalling knowledge and understanding. • Algorithms and programming component relates principally to problem solving skills needed by learners to apply the knowledge and understanding encountered in Component 01. • Programming project component is a practical portfolio based assessment with a task that is chosen by the teacher or learner and is produced in an appropriate programming language of the learner's or teacher's choice
Assessment method	This qualification consists of two examined components, externally assessed by OCR and one internally assessed and moderated non exam assessment component. Both examinations are of 2 hours and 30 minutes duration, each with a 40% weighting. The non-exam assessment component weighted at 20%
Further studies	As well as computer-related studies post-18; the course promotes the independent thought required to achieve well in any subject at higher education. Computer science A Level also supports students with the transition to the world of work. Universities and employers alike appreciate the transferable skills developed through studying the subject.
More information from	Mr Ahern