ICT

About the Subject

Technology is everywhere and there is a shortage of people who are highly skilled in designing and creating ICT systems for others to use. During this course, you will develop a wide range of ICT skills together with an in-depth knowledge and understanding of ICT. You will become a discerning user of ICT.

We have chosen the OCR A-level as it gives students the opportunity to learn a wide range of software in Year 12 before undertaking a coursework project in Year 13. The ability to learn how to use new software effectively and to develop your existing skills will give you an advantage over others.

Course Content

G061: Information, Systems and Applications (Assessed by Exam)
Topics covered in this unit: Data, information, knowledge and processing; Software and hardware components of an information system; Characteristics of standard applications software and application areas; Spreadsheet concepts; Relational database concepts; Applications software used for presentation and communication of data; The role and impact of ICT - legal, moral and social issues.

G062: Structured ICT Tasks (Coursework)
Candidates have the opportunity to explore design, software development, testing and documentation.

G063: ICT Systems, Applications and Implications (Assessed by Exam)
In this unit, candidates gain an understanding of: the systems cycle; designing computer-based information systems; networks and communication; applications of ICT; implementing computer-based information systems and implications of ICT.

G064: ICT Project (Coursework)
Candidates explore: definition, investigation and analysis; design; software development, testing and implementation; documentation and evaluation through a client-driven project.

Entry Requirements

You need at least a B in English, although we will take students with a C in English who have at least a B in ICT at GCSE. You do not have to have a GCSE in ICT but you will have to work hard to ensure that your practical skills develop quickly.

Career Paths

Studying ICT will help you develop your independent study skills and problem solving skills. You will learn to think for yourself and have to develop perseverance. This will be valuable in whatever you do.

The course is designed for students who wish to go on to higher education or to the world of work. Having an understanding of how ICT can be used in society and organisations, and the implications of its use, will be a valuable asset.

High level ICT skills are necessary in the majority of jobs and ICT complements most other A-levels. It is an obvious choice for anyone who wants to work in the sector and will be useful for almost any career.

Watch our Video
At vimeo.com/118918503 or scan this QR code: