



Midhurst Rother College

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Information Communication Technology

Exam Board: OCR

Contact teacher: Ms T Kelly

Why study Information Communication Technology?

In today's world, where ICT is constantly changing, individuals will increasingly need technological and information literacy skills that include the ability to gather, process and manipulate data. These skills are now as essential as the traditional skills of numeracy and literacy. The impact of ICT on society is enormous and as the percentage of businesses and households connected to communication networks such as the internet grows, so the need. As well as the rapid development of new technologies that gather, organise and share information, familiar technologies like television, telephone and computers are evolving and being expanded by digitised information, causing a convergence of technologies.

GCE ICT encourages students to become discerning users of ICT. It allows them to develop a broad range of ICT skills, knowledge and understanding. This could form a basis for progression into further learning, including progression from AS to A2, and/or employment.

The aims of course are to encourage candidates to develop:

- the capacity to think creatively, innovatively, analytically, logically and critically;
- the skills to work collaboratively;
- the ability to apply skills, knowledge and understanding of ICT in a range of contexts to solve problems;
- an understanding of the consequences of using ICT on individuals, organisations and society and of social, legal, ethical and other considerations on the use of ICT;
- an awareness of emerging technologies and an appreciation of the potential impact these may have on individuals, organisations and society.

Course details

The course comprises four mandatory units of work; two at AS and two further units at A2. Two of the units are in the form of external written examinations with the remaining two units being coursework based.

How is the course taught and assessed?

AS Level

Unit G061: Information, Systems and Applications

60% of the total AS GCE marks
2 hour written paper (120 marks)

Unit G062: Structured ICT Tasks

A2 Level

Unit G063: ICT Systems, Applications and Implications

30% of the total Advanced GCE marks
2 hour written paper (120 marks)

Unit G064: ICT Project

40% of the total AS GCE marks
Coursework (80 marks)

20% of the total Advanced GCE marks
Coursework (80 marks)

AS units as above, Unit G061 being 30% of the total Advanced GCE marks and Unit G062 being 20% of the Advanced GCE marks.

Entry requirements

Students are required to have at least 6 GCSE's at grade C or above including English Language, Mathematics and ICT.

What are the progression routes with this qualification?

Demand for ICT personnel is increasing and ever-increasing number of degree related courses are now available to extend your understanding and operation of ICT.