Vocational ICT (Cambridge Technical)

Why ICT?

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 does the need for individuals who can master and manipulate these new technologies. 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.

What can I expect?

Students will develop the capacity to think creatively, innovatively, analytically, logically and critically. The ability to apply skills, knowledge and understanding of ICT in a range of contexts to solve problems will be a key skill that is developed during the study of the qualification. Students will develop 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. Students should finish the course with an awareness of emerging technologies and an appreciation of the potential impact these may have on individuals, organisations and society.

What do I need?

Having studied ICT or a similar qualification is essential for this course. Students will need an understanding of how computer function from the inside from hardware to software. Normal Sixth Form entry requirements are also needed.

What about the future?

ICT is a crucial part of our everyday lives and students who study this will gain a greater ability at least to implement and use ICT in their jobs and everyday lives.

ICT is part of practically all jobs and an understanding of the finer more detailed parts of programmes and systems will give many students a head start when moving into a workplace after education. ICT also provides a platform with which students can study further in the future in further education.

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