

CTEC IT

Level 3 Cambridge Technical Introductory Diploma in Information Technology is a Tech Level course equivalent to 1 A Level. This builds upon the IT skills students developed at KS4.

The course has been developed to meet the challenging needs of the IT sector and prepare students for Higher Education or employment.

The course supports the transferable skills required by universities and employers such as communication, problem solving, time management, research and analytical skills.

Student Profile

A successful student will:

Level 2 Merit in the IT Creative iMedia course or band 5 in GCSE Computer Science or an equivalent IT KS4 qualification.

Be interested in developing the knowledge and skills you need to be a competent and informed IT user and practitioner.

Seek to use IT in their everyday life as often as possible.

Be interested in a career using technology.

Course Content (OCR)

Within this qualification the grade comes from a combination of written examinations and coursework units totalling 360 guided learning hours (GLH). The final choice of units will depend on the students strengths.

Exam Units:

Unit 01 - Fundamentals of IT (Mandatory 90 GLH)

Unit 02 - Global Information (Mandatory 90 GLH)

Unit 03 - Cyber Security (Optional 60 GLH)

Coursework Units:

Unit 05 - Virtual & Augmented Reality (Mandatory 60 GLH)

Unit 12 - Mobile Technology (Optional 60 GLH)

Unit 18 - Computer Systems: Hardware (Optional 60 GLH)

Skills Gained

This qualification aims to develop students' knowledge and understanding of the principles of IT and Global Information Systems.

Students will gain an insight into the IT sector as they investigate the pace of technological change, IT infrastructure, and the flow of information on a global scale and the importance of legal and security considerations.

All students will have the opportunity to gain practical hands on experience in building a desktop PC and install software as part of their coursework.

Students will also develop professional, personal and social skills through interaction with peers, stakeholders and clients, as well as theoretical knowledge and understanding to underpin these skills.

The Future - What Next?

Successful completion could lead to a degree in related subjects such as IT, Computer Science, Information Systems, Multimedia, Software Engineering, Computer Networking, e-Business, Cyber Security and Information Management. The skills developed could also lead into IT Technical Support and Network Maintenance related careers.



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