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.

Introductory Diploma



56 UCAS points available

Student Profile

A successful student will:

Level 2 Merit in the CNAT IT or Creative iMedia courses or grade 4 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.



CTEC IT



Course Content (OCR)

Within this qualification the grade comes from a combination of written examinations and coursework units totalling 360 guided learning hours (GLH).

Unit 01 - Fundamentals of IT (90 GLH Exam): this unit will provide a solid foundation in the fundamentals of hardware, networks, software, the ethical use of computers and how business uses IT.

Unit 02 - Global Information (90 GLH Exam): this unit will demonstrate the uses of information in the public domain, globally, in the cloud and across the internet, by individuals and organisations.

Unit 03 - Cyber Security (60 GLH Exam): this unit will teach the range of threats, vulnerabilities and risks that impact on both individuals and organisations and how to prevent or deal with cyber security incidents.

Unit 05 - Virtual & Augmented Reality (60 GLH Coursework): this unit will cover both technologies and how they are used. You will research and design both a VR and AR resource then go onto develop one into a working model.

Unit 18 - Computer Systems: Hardware (60 GLH Coursework): this unit will develop the skills to recommend suitable hardware components and apply this knowledge to building a full computer system and carry out testing and preventative maintenance procedures upon it.

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.

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.

Trips / Cultural Experiences

Bletchley Park, Milton Keynes - home of the World War Two Codebreakers

Museum of Computing - Swindon

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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