

Cambridge Technical ICT

(Extended Certificate)

ASSESSMENT

EXAM BOARD OCR

COURSE CONTENT

Component 1: Fundamentals of IT

This is a core component as it provides a solid foundation in the fundamentals of hardware, networks, software, the ethical use of computers and how business uses IT.

Component 2: Global Information

This unit helps develop an understanding of how organisations use information both internally and externally whilst gaining a deeper appreciation of the legislation impacting on this area.

Component 3: Cyber Security

Studying this unit provides the opportunity to gain knowledge and understanding of the range of threats, vulnerabilities and risks that impact on both individuals and organisations. Whilst studying for this unit students will learn about the solutions that can be used to prevent or deal with cyber security incidents resulting from these challenges.

Component 4: Internet of things

In this unit we investigate the way the internet is impacting on society and our everyday lives and devices we use.

Component 5: Product Development

Learn about different product design methodologies and the role of the product development life cycle. In addition, students will discover the factors that influence product developments.

Component	Assessment	Duration	Weighting
Component 1: Fundamentals of IT	Written exam	1hr 30min	90%
Component 2: Global Information	Written exam	1hr 30min	90%
Component 3: Cyber Security	Written paper	1hr	60%
Component 4: Internet of things	Practical	N/A	60%
Component 5: Product Development	Practical	N/A	60%

CAREER OPPORTUNITIES

Achievement in this qualification complements study in a wide range of subject areas and can help you prepare for using Information Technology in a wide range of working environments.

Employment opportunities in the computing and Information Technology areas are growing rapidly and include: Computer System Architects, Computer System Analysts, Data analysts, Information Security analysts, Network Administrators, Software developers and many more.

