Brooke Weston

6th Form Open Evening 2020/21

OCR Cambridge Technical Extended Certificate in IT

Cambridge Technical Extended Certificate in IT

- Equivalent to one A level.
- **Five units in total**
- **Three** externally examined units:
- These are **Fundamentals of IT**, **Global information** and **Cyber security.**
- **Two** further units which are centre-assessed:
- These are **Project Management** and **Product Development**

Why study this course?

- It provides you with the opportunity through applied learning to develop the core specialist knowledge, skills and understanding required in the IT sector.
- Can lead to further study in Further Education (FE) or Higher Education (HE) in IT.
- You may want to progress into IT-related apprenticeships.
- Can support progression to IT degrees in a Higher Education institution such as, Computing and IT, Computing Science, Software Developments, Software Engineering, ICT and Computer Networks or Business Information Systems.

Level 3 Cambridge Technical Extended Certificate in IT (360 GLH)

Unit no.	Unit title	Guided learning hours (GLH)	Unit ref no. (URN)	How are they assessed?	Mandatory or optional
1	Fundamentals of IT	90	M/507/4999	E	M
2	Global information	90	R/507/5000	E	M
3	Cyber security	60	Y/507/5001	E	M
8	Project management	60	F/507/5008	I	O
9	Product development	60	A/507/5010	I	O

External assessment

Unit 1 Fundamentals of IT	
Overview of an insight into the IT sector as you investigate the pace of technological change	
90 GLH 1 hour 30 minutes written paper 80 marks OCR set and marked	• Section A comprises multiple choice questions • Section B comprises short answer and extended response questions • A calculator may be used

External assessment

Unit 2 Global information	
Develop an understanding of IT infrastructure and the flow of information on a global scale.	
90 GLH 1 hour 30 minutes written paper 80 marks OCR set and marked	• Section A comprises short answer and extended response questions based on a pre-released case study. • A new case study is released for each examination series and will include research prompts which learners will need to respond to prior to the external assessment • Section B comprises short answer and extended response questions. These questions will not relate to the pre-released case study

The case studies for Units 2 will be available to learners six weeks before the timetabled examination date.

External assessment

Unit 3 Cyber security	
Develop an understanding of what risks exist and important legal and security considerations IT users need to adopt to protect themselves	
60 GLH 1 hour written paper 60 marks OCR set and marked	• Section A comprises short answer and extended response questions based on a pre-released case study. • A new case study is released for each examination series and will focus on either a personal or a corporate perspective • Section B comprises short answer and extended response questions and will focus on the theme (i.e. personal or corporate) that is not covered in the pre-released case study.

The case studies for Units 3 will be available to learners six weeks before the timetabled examination date.

Internal assessment and external moderation

Unit 8 Project Management	
IT Project is managed through stages from initial planning using a range of tools to ensure its smooth and successful completion.	
60 GLH coursework	• This unit will provide you with the opportunity to understand and use various project planning skills and techniques, thereby enabling you to become more effective in the workplace. • The key to any project being a success is the planning and management that takes place. • Project management skills are essential transferable skills that can be used for all projects whether it's traditional methodologies or more recently adopted agile approaches within the IT development environment.

Internal assessment and external moderation

Unit 9 Product Development	
Develop an IT based product for a given needs to satisfy certain client requirements.	
60 GLH coursework	• The purpose of this unit is to prepare you to undertake product development activities. • You will learn about different product design methodologies and the role of the product development life cycle. In addition, you will discover the factors that influence product developments. • You will develop a product alongside the other unit you are studying so that you can explore the units holistically as a wider project.

Resitting external assessment

- Examinations will be taken **twice** during the academic year - January and May. *
- Learners can resit an examined unit *once* before they complete the qualification.
- The best unit result from either sitting will be used to calculate the certification result. This means the highest grade will count towards your qualification.
- * **1st exam will be early January 2022**.

Extended Certificate Qualification grade table

- The units are graded pass, merit and distinction.
- This qualification is graded: Pass, Merit, Distinction, Distinction*.

Points range	Grade	
104 and above	Distinction*	D*
100 – 103	Distinction	D
92 – 99	Merit	M
84 – 91	Pass	P
Below 84	Unclassified	U

For more information…

- Log on to the OCR website
- Look up ICT courses then select the Cambridge Technical level 3.
- http://www.ocr.org.uk/qualifications/by-type/cambridge-technicals/cambridge-technicals-2016/

- Any other questions, contact the Brooke Weston 6th form team.