ICT
OCR Level 3 Cambridge Technical Introductory Diploma in IT

Examination Board: OCR

Course content:
The Cambridge Technical qualifications offer opportunities to develop the skills demanded by employers in the UK today. These vocationally-related diplomas are included in the Qualifications and Credit Framework. Learners will have the opportunity to acquire essential knowledge and tools for the world of work, developing transferable skills such as planning, research and analysis, working with others and effective communication.

All learners will study the following three mandatory units; Fundamentals of IT, Application Design and Global Information. These units provide learners with 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, as well as the important legal and security considerations. Two optional units must be completed to obtain the Introductory Diploma.

Unit 1 Fundamentals of IT (exam 90GLH) 1 hour 30 minutes written paper
- Types of computer system
- Communications hardware
- Hardware troubleshooting
- Number systems and conversion
- Types of software
- Communication methods
- Software troubleshooting
- Protocols
- Virtualisation
- Communication skills and technology
- Personal attributes and job roles
- Professional bodies
- Ethical issues
- Threats and security
- Safe disposal of data and computer equipment

Unit 2 Global Information (exam 90GLH) 1 hour 30 minutes written paper
- Types of information storage media
- Accessibility of world wide web information formats
- Information styles and their uses
- Information management
- UK and global accessibility legislation relating to information
- Information sources and data types
- Protection measure policies

Unit 6 Application Design (project 60GLH)
- Understanding the requirements of the development life cycle
- What to consider when using interviews to gather information
- Exploring functional requirements of applications
- Design and create a prototype product

2 Other Units from the following list of 60GLH Units:
- Unit 3 Cyber security (exam)
- Unit 9 Product development (project)
- Unit 12 Mobile technology (project)
- Unit 13 Social media and digital marketing (project)
- Unit 15 Games design and prototyping (project)

ICT *(Continued)*

Aims:

The aims of the OCR Cambridge Technicals are to widen participation in vocational or work-related learning with a view to equipping learners with skills they will need in the workplace or in Further Education and training. They will also allow students to experience vocationally related learning to see if it is suitable for them.

Possible careers:

These qualifications are designed to enable learners to enter employment at an operative or trainee level within a wide range of Information and Communication Technology environments. Such learners would normally enter employment through a work-related training programme. The OCR Cambridge Technicals in ICT have been designed to provide a broad educational basis for Further Education or for moving into employment within the ICT sector. Students will develop the general skills, knowledge and understanding needed within the sector.

Grading:

Depending on the GLH value, the Unit will have a value depending on the grade obtained based on the table below:

Unit GLH	pass	merit	distinction	unclassified
30	7	8	9	0
60	14	16	18	0
90	21	24	27	0

All 5 Units will combine so that the learner will be awarded an overall grade based on the table below:

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