

Vision summary/ Curriculum intent: Cambridge Technical (L3) Information Technology

Week	Unit	Year 12	Assessment	Homework	Unit	Year 13	Assessment	Homework
1	Unit 1	Inputs / outputs / Communication devices Computer components	Case study and activity		Unit 2	Holders of information	PESTLE Analysis Case study	Completion of lesson work
2		Types of computer systems Connectivity	Case study and activity			Storage media	Case study and questions	Completion of lesson work
3		Communications hardware Units - decimal / binary Number conversions	LO1 exam questions	Revision & corrections		Types of information access	Multiple choice questions	Research task
4		Types of software	Case study and activity			The Internet WWW	Extended question on advantages & disadvantages	Prep for question
5		Communication methods Troubleshooting Protocols	LO2 exam questions	Revision & corrections		Information formats Information styles	LO1 exam questions	Revision & corrections
6		Types of server Virtualisation	Presentations	Completion of presentations		Information classification Information management	LO2 exam questions	Revision & corrections
7		Networking Business systems	LO3 exam questions	Revision & corrections		Data vs information Categories of information	Key words assessment	Revision
8		Assessment	Mock exam	Revision & corrections		Stages of data analysis / tools Info system structure	LO3 exam questions	Revision & corrections
October								
9	Unit 1	Communication skills Communication technology	Workbook	Completion of workbook	Unit 2	Legislation	Presentations	Prep for presentation
10		Personal attributes Ready for work	Workbook	Completion of workbook		Green IT	LO4 exam questions	Revision & corrections
11		Job roles Professional bodies Industry certification	LO4 exam questions	Revision & corrections		Information sources and data types Data flow diagrams	LO5 exam questions	Revision & corrections
12		Ethical and operational issues	TED talk and research activities	Completion of class tasks		Information security	Video and questions	Consideration of impact of security breaches
13		Threats Security Safe disposal of equipment and data	LO5 exam questions	Prep for Mock exam		Risks / Impacts Protection	LO6 exam questions	Revision & corrections
14		Revision	Mock exam	Revision		Revision	Mock exam	Revision
15								
Christmas								
16	Unit 6 / 9	Stages of app development	Coursework		Unit 17	Introducing the internet of everything	Coursework	
17								
18		Different app development models						
19								
20		Constraints when developing apps						

21		constraints when developing apps					
February							
22	Unit 6/9	Feasibility study	Coursework	Unit 17	Evaluate the negative impact of the I of E	Coursework	
23							
24							
25							Functional requirements
26							Presenting concepts to client and negotiating changes
27							
Easter							
28	Unit 6/9	App development	Coursework	Unit 17	Proposal	Coursework	
29							
30							
31							Revision & evaluation of proposal
32							Product testing and analysis
Whitsun							
33	Unit 6/9	Acceptance testing	Coursework			Course complete	
34							
35							
36							Justification of design choices
37							Enrichment week
38							
39		Discussion of summer work / prep for Year 13					