

Cambridge Technical in IT Curriculum Plan

Unit 1 – Fundamentals of IT

Week No.		Topic	Assessment
1 A		Introduction to the course and unit.	
2 B		LO1 – Computer Hardware	
3 A		LO1 – Computer Components	
4 B		LO1 – Connectivity	
5 A		LO1 – Hardware troubleshooting	
6 B		LO1 – Number Systems	
7 A		LO1 – Number Systems	
Half Term Holiday			
8 B		LO1 – Recap and Test	LO1 in class test
9 A		LO1 – Test feedback	<i>Submit LO1 test results</i>
10 B		LO2 – Types of software	
11 A		LO2 – Types of software	
12 B		LO2 – Communication methods	
13 A		LO2 - Protocols	
14 B		LO2 – Recap / Christmas	
Christmas Holiday			
15 A		LO2 – Recap and Test	LO2 in class test
16 B		LO2 – Test feedback	<i>Submit LO2 test results</i>
17 A		LO3 – Business IT systems	
18 B		LO3 – Networks	
19 A		LO3 – Networks	
20 B		LO3 – Recap and Test	LO3 in class test
21 A		LO3 – Test feedback	
Half Term Holiday			
22 B		LO4 – Communication Tech	<i>Submit LO3 test results</i>
23 A		LO4 – Communication Skills	
24 B		LO4 – Employability	
25 A		LO4 – Recap and Test	Mock Test to include all LO4s
26 B		LO4 – Test feedback	
27 A		LO5 – Ethical Issues	
Easter Holiday			
28 B		LO5 – Threats	<i>Submit test results</i>
29 A		LO5 – Security	
30 B		Exam Preparation	
31 A		Real Exam or Prep	
32 B		Real Exam or Prep	
Half Term Holiday			

Unit 2 – Global Information

Week No.	Topic	Assessment
1 A	Introduction to the course and unit.	
2 B	LO1 – Data and Information	
3 A	LO1 – Knowledge and holder of information	
4 B	LO1 – Characteristics and Storage Media	
5 A	LO1 – Storage Devices and Information Access	
6 B	LO1 – The Internet & Web Technologies	
7 A	LO1 – Information Formats	
Half Term Holiday		
8 B	LO1 – Recap and Test	LO1 in class test
9 A	LO1 – Test feedback	<i>Submit LO1 test results</i>
10 B	LO2 – Information Styles	
11 A	LO2 – Information classification	
12 B	LO2 – Quality of information	
13 A	LO2 – Information Management	
14 B	LO2 – Recap / Christmas	
Christmas Holiday		
15 A	LO3 – Data and Information	LO2 in class test
16 B	LO3 – Categories used by individuals	<i>Submit LO2 test results</i>
17 A	LO3 – Categories used by organisations	
18 B	LO3 – Stages of data analysis	
19 A	LO3 – Management Information Systems	LO1 to 3 in class test
20 B	LO4 – UK Legislation	<i>Submit LO3 test results</i>
21 A	LO4 – Global Legislation	
Half Term Holiday		
22 B	LO4 – Green IT	Mock Test to include all to LO4s
23 A	Exam feedback	<i>Submit test results</i>
24 B	LO5 – Information Sources and Types Introduce Pre-release	
25 A	LO5 – Data Flow Diagrams	
26 B	LO6 – Information Security	
27 A	LO6 - Risks	
Easter Holiday		
28 B	LO6 – Potential Impacts	
29 A	LO6 Prevention Methods	
30 B	Exam Preparation	
31 A	Real Exam or Prep	
32 B	Real Exam or Prep	
Half Term Holiday		

Unit 3 Cyber Security & Unit 17 Internet of Everything

Week No.	Topic	Assessment
33 A	Introduction to the course and unit.	
34 B	LO1 – Cyber Security Introduction	
35 A	LO1 – Security Aims	
36 B	LO1 – Types of Incidents	
37 A	LO1 – Types of Incidents	
38 B	LO1 – Cyber Security Key Words	
39 A	LO1 – Cyber Security Key Words	
Summer Holiday		
1 A	LO2 – Threats to Cyber Security	LO1 Test and feedback
2 B	LO2 – Threats to Cyber Security	
3 A	LO2 – Type of attackers and their motivation	
4 B	LO2 – Type of attackers and their motivation	
5 A	LO2 – Targets for cyber security threats	
6 B	LO2 – Targets for cyber security threats	
7 A	LO2 – Legal requirements	
Half Term Holiday		
8 B	LO1 and LO2 Test	LO1 & LO2 Test
9 A	Test Feedback	<i>Test Feedback</i>
10 B	LO3 – Cyber Security Risk Management Go through Pre-release document	
11 A	LO3 – Testing and monitoring measures	
12 B	LO3 – Cyber Security controls	
13 A	LO4 Responding to an Incident	
14 B	LO4 – Cyber Security Incident Report	Exam Questions
Christmas Holiday		
15 A	Exam preparation and Pre-release	<i>Check of Pre-release</i>
16 B	Exam Preparation and Pre-release	
17 A	Actual Exam	Actual 60 minute exam
18 B	U17 - Introduction	
19 A	LO1 – IoE things and where used	
20 B	LO1 – Applications and Use of IoE	
21 A	LO1 – Global Impacts	
Half Term Holiday		
22 B	LO1 – Four Pillars of IoE	
23 A	LO1 – Innovations & Security Issues	LO1 CA check
24 B	LO2 – Internet of Everything Ideas	
25 A	LO2 – Feasibility Study	
26 B	LO2 – Feasibility Study	LO2 CA check
27 A	LO3 – Business Proposal	
Easter Holiday		
28 B	LO3 – Business Proposal	
29 A	LO3 – IoE Business Pitch	
30 B	LO3 – Success Criteria	
31 A	Complete	Hand in completed U17 CA

32 B		
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Half Term Holiday		
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