

LONG-TERM OVERVIEW

YEAR 12			YEAR 13		
Term	Topics	Assessment	Term	Topics	Assessment
1	<ul style="list-style-type: none"> Unit 1 Fundamentals of IT - External Examination LO1 Computer Hardware LO1 Computer Components LO1 Computer Systems LO1 Connectivity Methods LO1 Communication Hardware LO1 Hardware Troubleshooting LO1 Units of Measurements LO1 Number Systems LO1 Number Conversion Exam Prep & Consolidation Exam Prep; Past Paper Questions <ul style="list-style-type: none"> LO2 Types of software LO2 Application software LO2 Utility Software LO2 Operating Systems LO2 Communication Methods LO2 Software Troubleshooting LO2 Protocols Exam Prep & consolidation Exam Prep; Past Paper Questions	<ul style="list-style-type: none"> Completed SLRs 1.1 - 1. & 2.1-2.6 to form the basis for assessment SLR 1 - 2 exam questions 	1	<ul style="list-style-type: none"> Unit 3 continued ... LO3 Cyber Security risk management LO3 Testing and monitoring measures LO3 Cyber Security controls Exam Prep & Consolidation Exam Prep; Past Paper Questions <ul style="list-style-type: none"> LO4 Responding to an incident LO4 Cyber Security incident report Exam Prep & Consolidation Exam Prep; Past Paper Questions	<ul style="list-style-type: none"> Completed SLRs 3 - 4 to form the basis for assessment SLR 3, & 4 exam questions
2	<ul style="list-style-type: none"> LO3 Types of servers LO3 Virtualisation LO3 Network Characteristics LO3 Connectivity Methods LO3 Business Systems 	<ul style="list-style-type: none"> Completed SLRs 3, 4, & 5 to form the basis for assessment Exam questions 	2	<ul style="list-style-type: none"> LO3 Solution Proposal LO3 Performance benchmarking tools LO4 Maintenance plan LO4 Maintenance issues LO4 Troubleshooting LO4 Disaster recovery 	<ul style="list-style-type: none"> Completed assignment work for 1-2 to form the basis for assessment & moderation Completed research tasks for LO3 & LO4

	<p>Exam Prep & Consolidation Exam Prep; Past Paper QuestionsL</p> <ul style="list-style-type: none"> • LO4 Communication Skills • LO4 Communication Technology • LO4 Personal Attributes • LO4 Ready for Work • LO4 Job Roles • LO4 Professional Bodies & Industry Certification <p>Exam Prep & Consolidation Exam Prep; Past Paper Questions</p> <ul style="list-style-type: none"> • LO5 Ethical Issues • LO5 Operational issues • LO5 Threats • LO5 Physical Security • LO5 Digital Security • LO5 Safe Disposal of Data & Computing Equipment <p>Exam Prep & Consolidation Exam Prep; Past Paper Questions Exam Prep; Past Exam Papers</p> <ul style="list-style-type: none"> • Unit 1 Exam- Jan series First attempt-1hr 30mins 			<ul style="list-style-type: none"> • LO4 Software/hardware updates • Performance Management <p>Exam Prep; Past Exam Papers Exam Prep;Units 2 & 3- Read the Exam Scenario Exam Prep; Units 2 & 3- Link theory to Exam Scenario</p> <p>Unit 1 Exam - Jan series second attempt- 1hr 30min Unit 2 Exam - Jan series second attempt - 1hr 30 min Unit 3 Exam - Jan series first attempt - 1 hr</p>	<ul style="list-style-type: none"> • Completed assignment work for LO3 & LO4 to form the basis for assessment & moderation
3	<ul style="list-style-type: none"> • Unit 2 Global Information • LO1 Holders of information • LO1 Types of information storage media • LO1 Types of information access storage • LO1 The Internet • LO1 Types of WWW Technology • LO1 WWW information formats • LO1 Accessibility of WWW • LO1 WWW Advantages and Disadvantages • LO1 Comparisons of technologies <p>Exam Prep & Consolidation Exam Prep; Past Paper Questions</p> <ul style="list-style-type: none"> • LO2 Information Styles and their uses • LO2 Information Classifications • LO2 Information Management • LO2 Quality of Information • LO2 Information Management <p>Exam Prep & Consolidation Exam Prep; Past Paper Questions</p> <ul style="list-style-type: none"> • LO3 Data v Information • LO3 Categories of Information used by Individuals • LO3 Categories of Information used by Organisations • LO3 Stages of Data Analysis 	<ul style="list-style-type: none"> • Completed SLRs 1-3 to form the basis for assessment • SLR 1-3 exam questions 	3	<ul style="list-style-type: none"> • Unit 18 Computer Systems - Hardware • LO1 Computer hardware components • LO1 Storage • LO2 Understanding business requirements • LO2 Design considerations • LO2 Backup storage recommendations • LO2 Load balancing • LO2 Methods of presentation of proposal 	<ul style="list-style-type: none"> • Completed research tasks for LO1 & LO2 • Completed assignment work for 1-2 to form the basis for assessment & moderation

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	<ul style="list-style-type: none">LO3 Data Analysis ToolsLO3 Information System Structure Exam prep & Consolidation Exam Prep; Past Paper Questions					
4	<ul style="list-style-type: none">LO4 UK Legislation and Regulations to the storage and use of informationLO4 Consolidation of Legislation and Regulations within the UKLO4 Accessibility LegislationLO4 Global Information and ProtectionLO4 Green ITLO5 Information Sources and Data TypesLO5 Data Flow DiagramsLO5 Impacts affecting the flow of information within IT systemsLO6 Principles of information securityLO6 Protection Measures and policiesLO6 Physical protection measures	<ul style="list-style-type: none">Completed SLRs 4-6 to form the basis for assessmentSLR 4-6 exam questions		4	<ul style="list-style-type: none">LO3 Health and safety considerationsLO3 ConfigurationLO3 Preventative maintenanceLO4 Test PlanLO4 Diagnostic softwareLO4 Benchmarking	<ul style="list-style-type: none">Completed research tasks for LO3 & LO4Completed assignment work for 3-4 to form the basis for assessment & moderation
5	Exam Prep and Consolidation Exam Prep; Read the Exam Scenario Exam Prep; Link theory to Exam Scenario Unit 2 Exam- June series First attempt-1hr 30mins			5	<ul style="list-style-type: none">Units 4 & 18 Final checks/tidy up and printingInternal StandardisationExternal Moderation Exam Prep; Unit 3 Past Exam Papers Exam Prep;Unit 3- Read the Exam Scenario Exam Prep; Unit 3- Link theory to Exam Scenario Unit 3 Exam June series second attempt-1 hr	External Moderation MAY/JUNE
6	<ul style="list-style-type: none">Unit 3 Cyber SecurityLO1 Cyber security aims to protect information, CIA triad.LO1 Types of Cyber Security incidentsLO1 The importance of Cyber Security Exam Prep and Consolidation Exam Prep; Past Paper Questions <ul style="list-style-type: none">LO2 Threats to Cyber SecurityLO2 Types of attackersLO2 Motivation for attackersLO2 Targets for Cyber Security threatsLO2 Impacts of Cyber Security incidentsLO2 Legislation and ethics of Cyber Security Exam Prep & Consolidation Exam Prep; Past Paper Questions	<ul style="list-style-type: none">Completed SLRs 1-2 to form the basis for assessmentSLR 1 -2 exam questions				