

	Half term 1	Half term 2	Half term 3	Half term 4	Half term 5	Half term 6
Key focus	Controlled assessment (30% of course)		Controlled assessment (30% of course)		Exam preparation (Learning aim A: Modern technologies / B: Cyber security):	
Key knowledge and skills	Understanding the fundamentals of user interface designs Understanding how to plan and manage a project. Create a working solution that meets client design requirements.		Understanding the purpose of collecting information. Different methods of data collection Methods of improving the validity of data Manipulating and analysing data. Presenting data to form business conclusions		Understand how current and modern technologies are used by and have an impact on organisations and their stakeholders. Understand ways in which organisations and associated individuals use modern technologies to exchange information, communicate, and complete work-related tasks understand how the increased reliance of organisations on digital systems to hold data and perform vital functions presents a range of challenges and dangers understand the nature of threats to digital systems and ways that they can be mitigated through organisation policy, procedures and the actions of individuals	
Key words/ vocabulary	User interface: command line interface, graphical user interface / accessibility needs / Gantt charts / project management		Data validation / primary secondary research / information presentation / data verification / big data / pivot tables / functions and formulas / graphs and charts		Communication technologies / cloud storage / cloud computing / synchronisation / disaster recovery policies / security of data / compatibility / collaboration tools / scheduling / accessibility / malware / disclosure of data / security breach / User access restriction / Data level protection / policy / Disaster recovery	
Assessment method	Controlled assessment		Controlled assessment		Question and answering / practice exam questions / homework / topic assessments / Mock exams	
Wider links	Cloud base computing across all subjects					
Enrichment opportunities						
Careers links	Data analyst / Interface design / web developer / Cyber security / Cloud computing engineer / Computing infrastructure / Disaster recovery consultant					