Y11 BTEC DiT - CURRICULUM PLANNING SEQUENCE

Subject	Year	Term	Big Ideas	Topics	Subject Learning Checklist
BTEC Digital IT L2 Year 2	Year 11	Term 1 - 35hrs	Comp2 LA.C: Draw conclusions and review data presentation	C1: Drawing conclusions based on the data	Drawing conclusions
					Make recommendations
				C2: How presentation affects understanding	Information being misinterpreted
					Information being biased
					Inaccurate conclusions being made
			Component 3 LA.A Modern technologies	A1 Modern technologies (page 49)	Communication technologies
					Features and uses of cloud storage
					Features and uses of cloud computing
					How the selection of platforms and services impacts on the use of cloud technologies
					How cloud and 'traditional' systems are used together
					Implications for organisations when choosing cloud technologies
				A2 Impact of modern technologies (page 50)	Changes to modern teams facilitated by modern technologies
					How modern technologies can be used to manage modern teams
					How organisations use modern technologies to communicate with stakeholders
					How modern technologies aid inclusivity and accessibility
					Positive and negative impacts of modern technologies on organisations
					Positive and negative impacts of modern technologies on individuals
		Term 2 - 30hrs	Component 3 LA.B Cyber security	B1 Threats to data (page 51)	Why systems are attacked
					External threats (threats outside the organisation) to digital systems and data security
					Internal threats (threats within the organisation) to digital systems and data security
					Impact of security breach
				B2 Prevention and management of threats to data	User access restriction
					Data level protection
					Finding weaknesses and improving system security
				B3 Policy (page 52)	Defining responsibilities
					Defining security parameters
					Disaster recovery policy
					Actions to take after an attack
			Component 3 LA.C The wider implications of digital systems	C1 Responsible use	Shared data (location-based data, transactional data, cookies, data exchange between services)
					Environmental
				C2 Legal and Ethical	Importance of providing equal access to services and information
					Net neutrality and how it impacts on organisations
					The purpose and use of acceptable use policies
					Blurring of social and business boundaries
					Data protection principles
					Data and the use of the internet
					Dealing with intellectual property
					The criminal use of computer systems
			Component 3 LA.D Planning and communication in digital systems	D Planning and communication in digital systems	Understand how organisations use different forms of notation to explain systems, data and information
					Be able to interpret information presented using different forms of notation in a range of contexts.
					Be able to present knowledge and understanding using different forms of notations