

EDEXCEL BTEC Tech Award in Digital IT

Component:	Assessment:	Topic areas:
COMPONENT 3:	40% External exam 60 marks 1 hour 30 minutes Friday 1st May 2026 1.00pm	A Modern technologies A1 Modern technologies <ul style="list-style-type: none"> • Communication technologies – issues and impacts of setting up networks to enable communication to improve. • Features and uses of cloud storage – settings and sharing, permission to access. • Features and uses of cloud computing – shared resources, collaboration etc. • How the selection of platforms and services impacts on the use of cloud technologies – paid v free, available devices, features, user interface • How cloud and ‘traditional’ systems are used together – synchronisation • Implications for organisations when choosing cloud technologies – data, security A2 Impact of modern technologies <ul style="list-style-type: none"> • Changes to modern teams facilitated by modern technologies – flexibility, inclusivity, multicultural • 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 B Cyber security B1 Threats to data <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • User access restriction; Data level protection; • Finding weaknesses and improving system security B3 Policy <ul style="list-style-type: none"> • Defining responsibilities; Defining security parameters; Disaster recovery policy • Actions to take after an attack C The wider implications of digital systems C1 Responsible use <ul style="list-style-type: none"> • Shared data • Environmental C2 Legal and ethical <ul style="list-style-type: none"> • 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 D Planning and communication in digital systems D1 Forms of notation <ul style="list-style-type: none"> • Understand how organisations use different forms of notation to explain systems, data and information; Be able to interpret information; Be able to present knowledge

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