



# KS4 BTEC IT Curriculum

*Subject on a Page*

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
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Year 10	<p><b>Component 1 Learning Aim A -</b> Investigate user interface design for individuals and organisations</p>	<p><b>Component 1 Learning Aim B -</b> Use project planning techniques to plan and design a user interface</p>	<p><b>Component 1 Learning Aim C -</b> Develop and review a user interface</p>
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Year 11	<p><b>Component 2 Learning Aim A -</b> Investigate the role and impact of using data on individuals and organisations</p>	<p><b>Component 2 Learning Aim B -</b> Create a dashboard using datamanipulation tools</p>	<p><b>Component 2 Learning Aim C -</b> Draw conclusions and review data presentation methods</p>	<p>Component 3 - Effective Digital Working Practices Assessment objectives</p>	Revision
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**A Modern technologies**  
Learn about how current and modern technologies are used by and have an impact on organisations and their stakeholders. Know the ways in which organisations and associated individuals use modern technologies to exchange information, communicate, and complete work-related tasks. Apply knowledge to a range of vocational contexts.

**B Cyber security**  
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. Apply knowledge of cyber security to a range of vocational contexts.

**C The wider implications of digital systems**  
Appreciate the wider implications of digital systems and their use. Understand how legislation covering data protection, computer crimes and intellectual property has an impact on the way that organisations and individuals use digital systems and data. Know the procedures which organisations must follow in order to conform to legal requirements and professional guidelines.

**D Planning and communication in digital systems**  
Understand how individuals in the digital sector plan solutions and communicate meaning and intention. Recognise how different forms of written and diagrammatical communication can be used to express understanding and demonstrate the flow of data and Information.