



Curriculum Map: Year 13 BTEC Extended Certificate in Information Technology

Topic	Key Knowledge <i>What will all students KNOW by the end of the topic?</i>	Key Skills <i>What key skills will be learnt/developed by the end of the topic? What will all students be able to DO by the end of the topic?</i>	Assessment Opportunities <i>What are the key pieces of assessment? How will students be assessed?</i>
Unit 1	<p>A. Digital devices in IT systems</p> <p>A1 Digital devices, their functions and use</p> <p>A2 Peripheral devices and media</p> <p>A3 Computer software in an IT system</p> <p>A4 Emerging technologies</p> <p>A5 Choosing IT systems</p> <p>B Transmitting data</p> <p>B1 Connectivity</p> <p>B2 Networks</p> <p>B3 Issues relating to transmission of data</p> <p>C Operating online</p> <p>C1 Online systems</p> <p>C2 Online communities</p>	<p>Learners will be able to analyse complex information, data and situations, in vocational contexts, in order to draw conclusions and make valid observations.</p> <p>They will be able to synthesise their knowledge and understanding of IT systems to deconstruct complex problems, drawing on various sources of information to develop effective solutions.</p> <p>Learners can evaluate the effectiveness of IT systems and make justified recommendations for further developments and future actions.</p> <p>They will make valid, justified judgements on the impact of IT on individuals, organisations and wider society.</p>	<p>Unit revision tests</p>

Curriculum Map: Year 13 BTEC Extended Certificate in Information Technology

<p>Unit 2</p>	<p>D Protecting data and information</p> <p>D1 Threats to data, information and systems</p> <p>D2 Protecting data</p> <p>E Impact of IT systems</p> <p>E1 Online services</p> <p>E2 Impact on organisations</p> <p>E3 Using and manipulating data</p> <p>F Issues</p> <p>F1 Moral and ethical issues</p> <p>F2 Legal issues</p>	<p>Learners will be able to analyse complex information, data and situations, in vocational contexts, in order to draw conclusions and make valid observations.</p> <p>They will be able to synthesise their knowledge and understanding of IT systems to deconstruct complex problems, drawing on various sources of information to develop effective solutions.</p> <p>Learners can evaluate the effectiveness of IT systems and make justified recommendations for further developments and future actions.</p> <p>They will make valid, justified judgements on the impact of IT on individuals, organisations and wider society.</p>	<p>Practice papers</p> <p>Past papers</p>
<p>Unit 1</p>	<p>External Exam for Unit 1</p> <p>Completion of Unit 6 website design</p>		<p>External Exam for Unit 1</p>
<p>Unit 6</p>	<p>Understand the principles of website development</p>	<p>Learners will have researched and written an assignment on Learning Aim A for Unit 6</p>	<p>Unit 6 Assignment 1</p>
<p>Unit 6</p>	<p>Design a website to meet client requirements</p> <p>Develop a website to meet client requirements</p>	<p>Learners will have researched and written an assignment on Learning Aim B and C for Unit 6</p>	<p>Unit 6 Assignment 2</p>