

BTEC Level 3 Information Technology Curriculum

	External Exam units
	Internal Coursework units

Course Title	Year 1 Route (Year 12)	Year 2 Route (Year 13)
BTEC Level 3 Certificate	Pathway 1	N/A
BTEC Level 3 Extended Certificate	Pathway 1+2	Pathway 2 (If not completed in Year 1)
BTEC Level 3 Foundation Diploma	N/A	Pathway 3
BTEC Level 3 Diploma	N/A	Pathway 3+4

	<i>Autumn 1</i>	<i>Autumn 2</i>	<i>Spring 1</i>	<i>Spring 2</i>	<i>Summer 1</i>	<i>Summer 2</i>
Pathway 1	Unit 2: Information Systems	Unit 2: Information Systems	Unit 2 Unit 3	Unit 3: Social Media in Business	Unit 3: Social Media in Business	Unit 3: Social Media in Business
Pathway 2	Unit 1: Information Technology Systems	Unit 1: Information Technology Systems	Unit 1 Unit 5	Unit 5: Data Modelling	Unit 5: Data Modelling	Unit 5: Data Modelling
Pathway 3	Unit 6: Website development	Unit 6: Website development	Unit 4: Programming	Unit 4: Programming	Unit 4: Programming	COURSE COMPLETION
Pathway 4	Unit 11: Cyber Security and Incident management	Unit 11: Cyber Security and Incident management	Unit 11 Unit 9	Unit 9: Project Management	Unit 9: Project Management	

Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 9	Unit 11
<div>External Exam January</div> <p>A: Digital devices in IT systems.</p> <p>B: Transmitting data</p> <p>C: Operating online</p> <p>D: Protecting data and information.</p> <p>E: Impact of IT systems</p> <p>F: Issues</p>	<div>External Exam January</div> <p>A: The purpose and structure of relational database management systems</p> <p>B: Standard methods and techniques to design relational database solutions</p> <p>C: Creating a relation database structure</p> <p>D: Evaluating a database development project</p>	<p>A: Explore the impact of social media on the ways in which businesses promote their products and services</p> <p>B: Develop a plan to use social media in a business to meet requirements</p> <p>C: Implement the use of social media in a business.</p>	<p>A: Examine the computational thinking skills and principles of computer programming.</p> <p>B: Design a software solution to meet client requirements</p> <p>C: Develop a software solution to meet client requirements</p>	<p>A: Investigate data modelling and how it can be used in the decision-making process</p> <p>B: Design a data model to meet client requirements</p> <p>C: Develop a data model to meet client requirements</p>	<p>A: Understand the principles of website development</p> <p>B: Design a website to meet client requirements</p> <p>C: Develop a website to meet client requirements</p>	<p>A: Investigate the principles and methodologies of IT project management</p> <p>B: Carry out a project initiation for an IT project</p> <p>C: Carry out the planning, execution, monitoring and controlling of an IT project.</p> <p>D: Undertake the closure of a project by reflecting on the success of personal performance and the project outcome.</p>	<div>External Exam January</div> <p>A: Cyber security threats, system vulnerabilities and security protection methods</p> <p>B: Use of networking architectures and principles for security</p> <p>C: Cyber security protection plan</p> <p>D: Cyber security documentation</p> <p>E: Forensic procedures</p>