

## BTEC IT – Y12 CURRICULUM OUTLINE

Term	Topic/Unit of work	Knowledge	Skills	Assessment
Y12 Autumn Term 1	<p>Unit 2 The purpose and structure of Relational Database Management Systems (RDBMS)</p> <p>Standard methods and techniques to design relational database solutions</p> <p>Creating a relational database structure</p> <p>Unit 3 Explore the impact of Social Media (SM) on the ways in which businesses promote their products and services</p>	<p>RDBMS's – Types and their characteristics. Manipulating data structures and data in relational databases. Normalisation</p> <p>Relational database design Design documentation</p> <p>Producing a database solution</p> <p>Different types of SM. How businesses use SM. Risks and issues</p>	<p>Answer exam questions on the knowledge gained Apply knowledge gained to a practical situation</p> <p>Creating, setting up and maintain data tables; creating links between tables, applying data validation rules, generating outputs, user interfaces.</p>	<p>Past practical exam questions</p> <p>Produce a report that explores how a business can use SM to raise it profile and promote products and services.</p>
Y12 Autumn Term 2	<p>Unit 2 The purpose and structure of Relational Database Management Systems (RDBMS)</p> <p>Standard methods and techniques to</p>	<p>Review RDBMS's – Types and their characteristics, Manipulating data structures and data in relational databases, Normalisation, Relational database design, Design documentation.</p> <p>Relational database design Design documentation</p>	<p>Answer exam questions on the knowledge gained Apply knowledge gained to a practical situation</p> <p>Apply knowledge gained to a practical situation</p>	<p>Past practical exam questions Mock exam in December</p>

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	<p>design relational database solutions</p> <p>Creating a relational database structure</p>	Producing a database solution	Creating, setting up and maintain data tables; creating links between tables, applying data validation rules, generating outputs, user interfaces.	
Y12 Spring Term 1	<p>Unit 2 Creating systems to manage information</p> <p>Unit 3 Develop a plan to use social media (SM) in business to meet requirements</p> <p>Implement the use of SM in a business</p>	<p>Review unit 2 material in preparation for exam</p> <p>SM planning processes. Business requirements, Content planning and publishing, Developing an online community, Developing a SM policy, Reviewing and refining plans</p> <p>How to create accounts and profiles, content creation and publication, implementation of online community building, data gathering and analysis, skills, knowledge and behaviours</p>	<p>Apply knowledge and understanding gained to a practical situation</p> <p>Apply the knowledge learnt of how to plan and implement a SM campaign in a practical situation. Answer exam questions on the knowledge gained</p> <p>Applying knowledge and understanding to different IT contexts</p>	<p>Practical exam in January.</p> <p>Design and implement a specific SM campaign for a given local business. Produce a report on the design, campaign, including feedback from the client, analysis of data from the campaign as well as an evaluation of the plan.</p>

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<p>Y12 Spring Term 2</p>	<p>Unit 3 Develop a plan to use social media (SM) in business to meet requirements</p> <p>Implement the use of SM in a business</p> <p>Unit 2 Creating systems to manage information</p>	<p>SM planning processes. Business requirements, Content planning and publishing, Developing an online community, Developing a SM policy, Reviewing and refining plans</p> <p>How to create accounts and profiles, content creation and publication, implementation of online community building, data gathering and analysis, skills, knowledge and behaviours</p> <p>Review unit 2 material in preparation for exam retake</p>	<p>Apply the knowledge learnt of how to plan and implement a SM campaign in a practical situation.</p> <p>Apply knowledge and understanding gained to a practical situation</p>	<p>Design and implement a specific SM campaign for a given local business. Produce a report on the design, campaign, including feedback from the client, analysis of data from the campaign as well as an evaluation of the plan.</p> <p>Practical exam in June</p>
<p>Y12 Summer Term 1</p>	<p>Unit 3 Develop a plan to use social media (SM) in business to meet requirements</p> <p>Implement the use of SM in a business</p>	<p>SM planning processes. Business requirements, Content planning and publishing, Developing an online community, Developing a SM policy, Reviewing and refining plans</p> <p>How to create accounts and profiles, content creation and publication, implementation of online community building, data gathering and analysis, skills, knowledge and behaviours</p>	<p>Apply the knowledge learnt of how to plan and implement a SM campaign in a practical situation.</p>	<p>Design and implement a specific SM campaign for a given local business. Produce a report on the design, campaign, including feedback from the client, analysis of data from the campaign as well as an evaluation of the plan.</p>

