



# NQF BTEC ICT Level 3 Curriculum – Year 12

						
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Focus</b>	<b>Unit 1</b> – Information Technology Systems	<b>Unit 1</b> – Information Technology Systems	<b>Unit 3</b> - Using Social Media in Business	<b>Unit 3</b> - Using Social Media in Business	<b>Unit 2</b> - Creating Systems to Manage	<b>Unit 2</b> - Creating Systems to Manage
<b>Key Tasks</b>	Explore the relationships between the hardware and software that form an IT system, and the way that systems work individually and together, as well as the relationship between the user and the system.	You will examine issues related to the use of IT systems and the impact that they have on organisations and individuals.	You will explore different social media websites, the ways in which they can be used and the potential pitfalls when using them for business purposes. You will develop a plan to use social media strategies for business purposes to achieve specific aims and objectives.	You will then implement the plan, developing and posting content and interacting with others. Finally, you will collect data on the business use of social media and review the effectiveness of your efforts.	You will examine the structure of data and its origins, and how an efficient data design follows through to an effective and useful database. You will examine a given scenario and develop an effective design solution to produce a database system.	You will then test your solution to ensure that it works correctly. Finally, you will evaluate each stage of the development process and the effectiveness of your database solution.
<b>Assessment</b>	This unit is externally assessed through a 2 hour written examination	This unit is externally assessed through a 2 hour written examination	Internally assessed through assignment <b>A, B &amp; C</b>	Internally assessed through assignment <b>A, B &amp; C</b>	externally assessed through a task set and marked by Pearson	externally assessed through a task set and marked by Pearson

# QCF BTEC ICT Level 3 Curriculum – Year 13

						
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Focus</b>	<b>Unit 4</b> – Impact of the use of IT on Business Systems	<b>Unit 4</b> - Impact of the use of IT on Business Systems	<b>Unit 7</b> – Organisational System Security	<b>Unit 7</b> –Organisational System Security	<b>Unit 8</b> – e-Commerce	<b>Unit 8</b> – e-Commerce
<b>Key Tasks</b>	<p>Explain the reasons for upgrading IT systems in an organisation</p> <p>Examine why an organisation needs to keep pace with IT developments</p> <p>Explain the impact of IT developments on an organisation</p> <p>Evaluate the impact of IT developments on an organisation</p>	<p>Explain how organisations respond to information technology developments</p> <p>Explain how an organisation can manage risk when using IT technology</p> <p>Describe recent IT developments</p> <p>Suggest how recent developments may improve a business system</p> <p>Produce a proposal for an IT-enabled improvement to a business system</p> <p>Demonstrate originality in proposing an IT-enabled improvement</p> <p>Fully justify proposals for an IT- enabled improvement</p>	<p>Explain the impact of different types of threat on an organisation</p> <p>Describe how physical security measures can help keep systems secure</p> <p>Describe how software and network security can keep systems and data secure</p> <p>Explain the policies and guidelines for managing organisational IT</p> <p>Explain how employment contracts can affect security</p> <p>Review the laws related to security and privacy of data</p>	<p>Discuss information security</p> <p>Explain the operation and use of an encryption technique in ensuring security of transmitted information</p> <p>Explain the role of ethical decision making in organisational IT security</p> <p>Discuss different ways in recovering from a disaster</p> <p>Evaluate the security policies used in an organisation</p>	<p>Describe the technologies required for e-commerce</p> <p>Explain the impact of introducing an e-commerce system to an organisation</p> <p>Explain the potential risks to an organisation of committing to an e-commerce system</p> <p>Recommend methods to promote an e-commerce system</p> <p>Discuss how security issues in e-commerce can be overcome</p> <p>Review the regulations governing e-commerce</p> <p>Evaluate the use of e-commerce in a 'brick an click' organisation</p>	<p>Examine the social implications of e-commerce on society</p> <p>Plan an e-commerce strategy</p> <p>Design an interface for an e-commerce business</p> <p>Compare different payment systems used by e-commerce systems</p>

<b>Assessment</b>	Assignment 4.1	Assignment 4.2 & 4.3	Assignment 7.1	Assignment 7.1	Assignment 8.1	Assignment 8.1
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