



Tarporley Sixth Form College

BTEC IT

Programme of Study

Exam Board: Pearson

**58% Exam (33% Written,
25% Practical)
42% Coursework**

NAME:

**TARGET
GRADE**

**ASPIRATIONAL
GRADE**

The 'Helicopter Overview' of BTEC IT

Unit 1: Information Technology Systems

- A - Digital devices in IT systems
- B - Transmitting data
- C - Operating online
- D - Protecting data and information
- E - Impact of IT systems
- F - Issues

Unit 2: Creating Systems to Manage Information

- A - The purpose and structure of relational database management systems
- B - Standard methods and techniques to design relational database solutions
- C - Creating a relation database structure
- D - Evaluating a database development project

Unit 3: Social Media in Business

- A - Explore the impact of social media on the ways in which businesses promote their products and services
- B - Develop a plan to use social media in a business to meet requirements
- C - Implement the use of social media in a business

Unit 5: Data Modelling

- A - Investigate data modelling and how it can be used in the decision-making process
- B - Design a data model to meet client requirements
- C - Develop a data model to meet client requirements.

Your Key Topics over the Course:



Unit 1- Information Technology Systems (33% Written Exam)	
Learners study the role of computer systems and the implications of their use in personal and professional situations.	<ul style="list-style-type: none"> A - Digital devices in IT systems B - Transmitting data C - Operating online D - Protecting data and information E - Impact of IT systems F – Issues
Unit 2 – Creating Systems to Manage Information (25% Practical Exam)	
Learners study the design, creation, testing and evaluation of a relational database system to manage information.	<ul style="list-style-type: none"> A - The purpose and structure of relational database management systems B - Standard methods and techniques to design relational database solutions C - Creating a relation database structure D - Evaluating a database development project
Unit 3 – Social Media in Business (25% Coursework Project)	
Learners explore how businesses use social media to promote their products and services. Learners also plan and implement a social media plan to meet business requirements.	<ul style="list-style-type: none"> A - Explore the impact of social media on the ways in which businesses promote their products and services B - Develop a plan to use social media in a business to meet requirements C - Implement the use of social media in a business
Unit 5 – Data Modelling (17% Coursework Project)	
Learners study how data modelling can be used to solve problems. They will design and implement a data model to meet client requirements.	<ul style="list-style-type: none"> A - Investigate data modelling and how it can be used in the decision-making process B - Design a data model to meet client requirements C - Develop a data model to meet client requirements.

How your course is structured:



Year 12:

Unit 3:

- **A** Explore the impact of social media on the ways in which businesses promote their products and services
- **B** Develop a plan to use social media in a business to meet requirements
- **C** Implement the use of social media in a business

Assessment 1: Unit 3 Learning Aim A Presentation

Assessment 2: Unit 3 Learning Aim B Report

Assessment 3: Unit 3 Learning Aim C Report

Christmas Holidays

Unit 2:

- **A** The purpose and structure of relational database management systems
- **B** Standard methods and techniques to design relational database solutions
- **C** Creating a relation database structure
- **D** Evaluating a database development project

Assessment 1: Unit 2 Part A test

Assessment 2: Unit 2 Part B test

Assessment 3: Unit 2 Mock Exam

Easter Holidays

Unit 2:

- Revision and exam

Unit 1:

- **A** Digital devices in IT systems
- **B** Transmitting data

Assessment 1: Unit 2 practical exam

Assessment 2: Unit 1 Learning Aim A test

Assessment 3: Unit 1 Learning Aim B test

Summer Holidays



Year 13:

Unit 1:

- C Operating online
- D Protecting data and information
- E Impact of IT systems
- F Issues
- Revision for unit 1 exam

Assessment 1: Unit 1 Learning Aim C and D test

Assessment 2: Unit 1 Learning Aim E and F test

Assessment 3: Unit 1 Mock exam

Christmas Holidays

Unit 5:

- A Investigate data modelling and how it can be used in the decision-making process
- B Design a data model to meet client requirements
- C Develop a data model to meet client requirements.

Assessment 1: Unit 1 exam

Assessment 2: Unit 5 - Learning Aim A report

Assessment 3: Unit 5 - Learning Aim B design documentation

Assessment 4: Unit 5 - Learning Aim C model creation

Easter Holidays

Unit 1 or 2 revision

Careers lessons

Key Resources



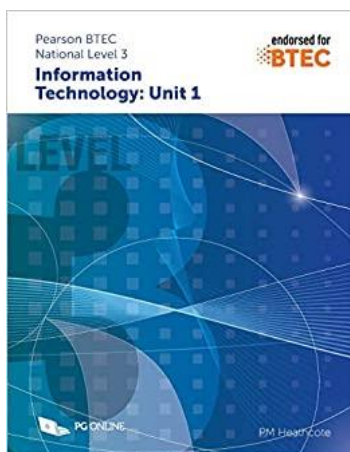
OneNote

All lesson resources and materials are published and distributed through a Microsoft OneNote Class Notebook. Student notes, tasks, resources are to be kept within this Notebook so it is fully accessible by yourself and the teacher.

Consolidate learning by regularly reviewing, adding to and identifying areas of revision within your notebook.

Text Books

Core textbook



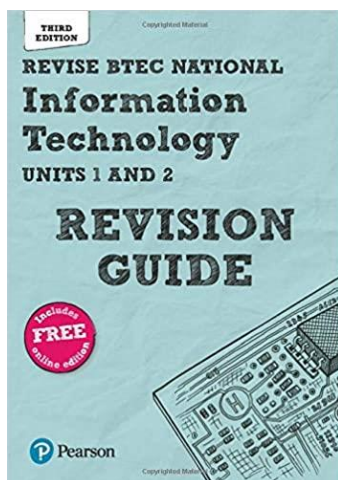
Pearson BTEC National Level 3 Information Technology Component Unit 1

Author: PM Heathcote

Publisher : PG Online Limited; Illustrated Edition

ISBN: 978-1-910523-15-5

Optional revision guide



Revise BTEC National Information Technology Revision Guide

Author: Ian Bruce, Daniel Richardson and Alan Jarvis

Publisher: Pearson Education

ISBN: 978-1292299099

Websites:



Revision for Unit 1 and 2

<https://www.knowitallninja.com/>

Please speak to Miss Roberts for a username and password

Wider Reading

Read around and be excited about your subject. Follow news channels and read articles to stay up to date on developments in technology and ICT and the impact this has on individuals and society.

For Unit 1, you will find wider reading resources for each lesson on OneNote. It is helpful after each lesson to use these links to expand your knowledge and reinforce the learning from the lesson.