KS4 Digital Information Technology at Brookvale Groby Learning Campus

Course	BTEC Digital Information Technology Level 1/2

Introduction To the Course	**Course Overview**
	
	In this qualification you will develop important technical skills in data interpretation, data presentation and data protection. You will cover aspects of user interface (UI) design and development, and learn how to develop a project plan for your own UI designs. Cybercrime is an increasing threat – understanding the different types of threats and how to mitigate against them is vital to any business that uses and retains sensitive data. You will develop an understanding of what cyber security is. You will also learn about project-planning tools, models and techniques within a digital context. Digital projects today often involve working with diverse teams across different locations. You will develop an understanding of what a virtual work environment is and how cloud technologies allow remote teams to work together more effectively.
	
	Course Breakdown
	
	    Component 1 : Exploring User Interface Design Principles and Project Planning Techniques
	    - Different types of interfaces.
	    - How to plan a project.
	    - How to design a successful product suitable for all users.
	    - How to evaluate a product
	
	Component 1 is assessed through coursework under exam conditions. You will have 6 hours to plan an interface project, create initial designs, make a prototype and evaluate your work.
	
	    Component 2 : Collecting, Presenting and Interpreting Data
	    - Data Collection Methods and how to ensure accuracy
	    - Designing spreadsheets to clearly show patterns in data
	    - Using data to make decisions
	
	Component 2 is assessed through coursework under exam conditions. You will have 6 hours to evaluate the methods a company has used to collect data, Turn the data collected into a spreadsheet to show patterns. Evaluate a spreadsheet provided by the exam board to say how well it shows patterns.

	Component 3 : Effective Digital Working Practices - Data security and protection. - Legal & ethical issues. - Cloud technologies. - Collaborative working methods. Component 3 is assessed through an exam that is sat at the end of year 11. The exam lasts 1 hour 30 minutes
Who To Speak To	Mr Ian King - Course Leader iking@brookvalegroby.com
Course Calendar	Please use the link below to see what you son/daughter/dependant will be studying in the weeks ahead: Year 10 link: Year 10 IT Student Calendar 2023-2024 Year 11 link: Year 11 IT Student Calendar 2023-2024
Help & Support	Additional revision sessions are provided at lunchtimes leading up to the May exam slot.
Course Support Materials For Students/ Parents	**Knowledge Organisers in Google Classroom** Component 1 : Interface Design Planning Techniques Component 2 : Collecting Data Component 3 : Aim A Aim B Aim C Aim D
Useful Links	Exam Board Website Specification Knowitall Ninja (Year 10 & 11 homework and revision app)
Study Revision Guide Information	BTEC Tech Award **Digital Information Technology: Student Book** - contains all of the content for all 3 components Pearson / Amazon - ISBN 9781292444604 Revise BTEC Tech Award **Digital Information Technology: Revision Guide** - contains revision materials for the component 3 exam only. Pearson / Amazon - ISBN 9781292436098

	Revise BTEC Tech Award **Digital Information Technology: Practice Assessments Plus** - contains practice questions for the component 3 exam only. Pearson / Amazon - ISBN 9781292436227
Exam Dates	The exam for Component 3 takes place in early May in year 11