

CAMPUS CALENDAR 2024-25
Faculty of Business, Computing and ICT - KS4 - Year 10

1	<p><u>COMPONENT 1: User Interface Design Principles and Project Planning Techniques (Coursework 30%)</u></p> <p>Topics for this half-term: Learning Aim A: Investigating Interface Design for Individuals and Organisations</p> <ul style="list-style-type: none"> • Types of Interface: Basic/Complex • Hardware and Software • Accessibility Needs : Visual, Cognitive, Speech, Motor, Hearing • User Demographics: Skill level, Age • Design Principles: Colour schemes, Layout • User Expectations • User Engagement: Intuitive Design, Interface Interaction Speed 	<p>Assessment: Week 8 : Short Exam Paper Topics: All from weeks 1-8</p>
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Mid Term Break		
9	<p>Topics for this half-term: Learning Aim B: Use Project Planning Techniques to Plan and Design a User Interface</p> <ul style="list-style-type: none"> • Project Methodologies: Waterfall, Iterative • Defining Project Requirements: Task Lists, Gantt Charts, PERT Charts • Constraints and Risks • Storyboarding and Initial Design Sketches • Creating an Interface in PowerPoint • Documenting Interface Design 	<p>Assessment: Week 13-15 : Practice Coursework</p>
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Christmas & New Year Break		
17	<p>Topics for this half-term: Learning Aim C: Develop and Review a User Interface</p> <ul style="list-style-type: none"> • Testing an Interface • Documenting Changes • Evaluating an Interface 	<p>Assessment: Weeks 18-22 Component 1: Learning Aims A-C - COURSEWORK Topics - All from weeks 1-17</p>
18		
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Mid Term Break		
23	<p><u>COMPONENT 2: Collecting Presenting and Interpreting Data (Coursework 30%)</u></p> <p>Topics for this half-term: Learning Aim A: Understand how data is collected by organisations and its impact on individuals</p> <ul style="list-style-type: none"> • Data Representation: Data Types and Presentation Methods • Data Collection: Primary and Secondary Collection , Features of Data Collection • Data Modelling 	<p>Assessment: Weeks 23-25 Component 1 Learning Aims A-C - COURSEWORK REDRAFT Topics - All from weeks 1-20</p>
24		
25		
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Easter Break		
30	<p>Topics for this half-term:</p> <ul style="list-style-type: none"> • Data Security for Individuals • Data Analysis 	<p>Assessment: Week 32-33 practice coursework Component 2 Learning Aim A: Understand how data is collected and used by organisations and its impact on individuals</p>
31		
32		
33		
Mid Term Break		
34	<p>Topics for this half-term: Learning Aim B: Create a Dashboard Using Data Manipulation Tools</p> <ul style="list-style-type: none"> • What is a Dashboard • Importing Data • Spreadsheet Formulae • Cell References • Decision Making Functions • Lookup Functions 	<p>Assessment: Week 32-33 practice coursework Component 2 Learning Aim B: Create a Dashboard Using Data Manipulation Tools</p>
35		
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Course Information

Course Structure	The course is assessed through 2 Coursework Assignments (30% & 30%) And one exam in year 11 (40%)																	
Assessment	<p>Your Assessments in BTEC ICT will mostly be your 6 Coursework assignments in Year 10. You will have 2 weeks for each followed by a chance to redraft a few lessons later. Each coursework assignment consists of 3-4 tasks. You must complete all tasks when you submit the coursework to be allowed to redraft. You will have 6 hours in class to complete the coursework. The Following 5 grades are available</p> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="3">LEVEL 1</th> <th colspan="3">LEVEL 2</th> </tr> </thead> <tbody> <tr> <td>Pass</td> <td>Merit</td> <td>Distinction</td> <td>Pass</td> <td>Merit</td> <td>Distinction</td> </tr> </tbody> </table>						LEVEL 1			LEVEL 2			Pass	Merit	Distinction	Pass	Merit	Distinction
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Pass	Merit	Distinction	Pass	Merit	Distinction													
Feedback	<ol style="list-style-type: none"> 1. You complete the coursework 2. Your teacher will mark the work, you will be given general pointers for how to improve but no specific help (This is against exam-board regulations) 3. Your work will be returned to you and you will read the feedback on your BTEC record sheet. 4. After reading the feedback your teacher has provided you with, you will improve your coursework using purple text to show where you have made improvements. 5. You will record your coursework grade in your assessment folder along with a copy of your record sheet 																	
Components	<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 30%;"></th> <th style="text-align: left;"><u>How do I Reach Level 2</u></th> </tr> </thead> <tbody> <tr> <td> Component 1 User Interface Design Principles and Project Planning Techniques </td> <td> <ul style="list-style-type: none"> ● Show you can identify features of an interface ● Show you can consider a wide range of different users including accessibility needs ● Discuss both advantages AND disadvantages of different interface features. ● Show you can act on feedback </td> </tr> <tr> <td> Component 2: Collecting Presenting and Interpreting Data </td> <td> <ul style="list-style-type: none"> ● Consider a wide range of factors affecting data accuracy and reliability. ● Keep the audience of your data in mind at all times ● Mention benefits AND drawbacks ● Check you understand data before using formulae or sorting. ● Consider how your dashboard design affects the interpretation of data. </td> </tr> <tr> <td> Component 3 Effective Digital Working Practices </td> <td> <ul style="list-style-type: none"> ● Memorise meanings of subject keywords ● Revise regularly using your knowledge organiser ● Understand exam keywords: <i>Describe, Discuss, Explain, Give, Identify, Evaluate.</i> ● Read scenarios carefully and identify key points. </td> </tr> </tbody> </table>							<u>How do I Reach Level 2</u>	Component 1 User Interface Design Principles and Project Planning Techniques	<ul style="list-style-type: none"> ● Show you can identify features of an interface ● Show you can consider a wide range of different users including accessibility needs ● Discuss both advantages AND disadvantages of different interface features. ● Show you can act on feedback 	Component 2: Collecting Presenting and Interpreting Data	<ul style="list-style-type: none"> ● Consider a wide range of factors affecting data accuracy and reliability. ● Keep the audience of your data in mind at all times ● Mention benefits AND drawbacks ● Check you understand data before using formulae or sorting. ● Consider how your dashboard design affects the interpretation of data. 	Component 3 Effective Digital Working Practices	<ul style="list-style-type: none"> ● Memorise meanings of subject keywords ● Revise regularly using your knowledge organiser ● Understand exam keywords: <i>Describe, Discuss, Explain, Give, Identify, Evaluate.</i> ● Read scenarios carefully and identify key points. 				
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Study Materials	<ul style="list-style-type: none"> ● Knowledge Organisers ● Google Classroom ● BBC Bitesize ● Knowitall Ninja 																	
Class Work	You will mostly be creating notes and completing activities on the computer. You will be expected to share these notes to your drive once completed to help you with revision.																	