

What are the aims and intentions of this curriculum?

The BTEC Tech Award is an introduction to vocational learning. The qualification gives learners the opportunity to build skills that show an aptitude for further learning, both in the sector and more widely. The approach to the suite is based on well-established BTEC assessment approaches that are proven to be successful in building skills and motivating learners to engage fully with challenging study. There is no limit to progression options as the skills acquired are applicable to a range of post-16 study options.

Term	Topics	Knowledge and key terms	Skills developed	Assessment
Autumn 1	Exploring User Interface Design Principles and Project Planning Techniques	Learners will develop their understanding of what makes an effective user interface and how to effectively manage a project. They will use this understanding to plan, design and create a user interface.	Investigate user interface design for individuals and organisations. What is a User Interface? Audience needs. Design Principles. Designing an efficient user interface.	Assessment test on designing and using user interfaces and effective planning techniques.
Autumn 2	2 Exploring User Interface Design Principles and Project Planning Techniques		Use project planning techniques to plan and design a user interface. Project planning techniques. Creating a project plan. Creating initial designs.	Assessment test on designing and using user interfaces and effective planning techniques.
Spring 1	Exploring User Interface Design Principles and Project Planning Techniques		Develop and review a user interface. Developing a user interface. Refining a user interface. Effective review techniques	Internal assessment project for moderation.
Spring 2	Collecting, Presenting and Interpreting Data	Learners will investigate the role and impact of using data on individuals and organisations. Learners will create effective dashboards using appropriate data manipulation tools. Learners are able to draw conclusions and review data presentation methods.	Characteristics of data and information. Representing information. Ensuring data is suitable for processing. Data collection methods. The quality of information and its impact on decision making. Sectors that use data modelling. Data threats to individuals.	Assessment test on data and information and different data collection methods.
Summer 1	Collecting, Presenting and Interpreting Data		Data processing methods. Producing effective dashboards which are suitable for audience and purpose.	Assessment test on data processing methods and practical task on producing an effective dashboard.
Summer 2	Collecting, Presenting and Interpreting Data		Mock assessment task on collecting, analysing data and presenting data.	Mock assessment task on collecting, analysing and presenting data.