

Module/Unit of Learning	Taught During	What will students learn?	How does this help to build a broad and strong foundation?	Links to other Subjects
Component 01 – Exploring user interface designs and project planning techniques	Autumn 01	Learners will their understanding of what makes an effective user interface. Learners will understand the use of different types of user interface and how they vary across different uses, devices and purposes.	Learners will need to demonstrate resilience, pride and coursework.	
Component 01 – Mock Assessment	Autumn 02	Learners will understand how design principles provide both appropriate and effective user interaction with hardware devices. Learners will understand project planning techniques used to develop a project proposal and project plan for the development of a user interface for a given brief.	Learners will need to demonstrate resilience, pride and coursework.	
Component 01 – Controlled Course Work	Spring 01	The term will start off with revision and time allocated to review past formal assessments before the research task issued and the research window begins. Learners issued with the independent formal assessment this term. There will be allocated research time and then a set time to complete the assessment task in. The assessment will involve planning, designing and reviewing and interface design	Learners will need to demonstrate resilience, pride and coursework during the 10 hour assessment	

Component 01 – Controlled Course Work	Spring 02	Completion of the independent formal assessment this term. Learners will be introduced to the new component of learning. This term will focus on characteristics of data and information. Learners will understand the concepts of data and that data is meaningless without converting it into information by adding structure and context. Learners will understand the different types of data collection methods, the strengths and weaknesses of each, how data collection features affect its reliability and how the collection of data could be improved.	Learners will be challenged to become experts in their coursework to analyse and assess how successful the SME has been in achieving its main purpose.	
Component 02 – Data Collection and Manipulation	Summer 01	Learners will understand how data can be imported from an external source. They will then explore how to accurately apply data processing methods to aid decision making. Learners will use a dashboard to select and display information summaries based on a given data set. Learners will use a dataset and dashboard to present findings and draw conclusions based on their findings. How presentation affects understanding.	Learners will be challenged to become experts in their these areas to be accurate and in their work	
Component 02 – Mock Assessment	Summer 02	Learners will explore the suitability of two given data collection methods used by an organisation for a given dataset. Learners will carry out different manipulation and processing methods in order to create a dashboard, providing data summaries using appropriate presentation methods and features. Learners will analyse a dataset, present their findings and draw conclusions based on these findings. They will explore how presentation affects understanding in the dataset and how they could be improved.	Learners will be challenge on accuracy and remembering process in completing these documents.	