Stage 1 Digital Technologies

Assessment Overview

Complete the table below to show details of the planned tasks. Use numbers to show where students will have the opportunity to provide evidence for each of the specific features for all assessment design criteria.

Assessment Type	Details of assessment	Assessment Design Criteria			Assessment conditions (e.g. task type, word length, time allocated, supervision)
		Computational Thinking	Development and Evaluation	Research and Ethics	
Assessment Type 1: Project Skills	**Data Collection** Students will be provided with an opportunity to gather and interpret data from a variety of fitness devices. If they are unable to gather sufficient data, they may use the teacher provided data set. They will investigate the methods for recording data, how different devices and applications differ, how this data can be used to influence individual and organisational decisions, and ethical considerations for the collection and use of data in this area. Students will work collaboratively to produce their own data and user-friendly representation of the information.	CT1	DE3	RE1	3 week of class time and homework. Development portfolio detailing investigation and research on a relevant issue; data collection tool; and individual electronic record of evidence of contribution. Multimodal presentation (maximum 10 minutes). **Weighting 50%**
	Data Analysis Students will analyse their own, or the provided data set, to identify trends, possible causes and relationships between the data. They must consider the ethics involved when analysing the data.	CT1 CT3		RE1	3 weeks of class time and homework. Data analysis brief presented as a recorded audio-visual presentation (maximum 5 minutes). **Weighting 50%**
	Product Design Plan Students are to develop a concept design for a digital solution, such as a database or application program, from information identified in Data Collection and Data Analysis. Students are to work collaboratively to present a concept design with a portfolio, documenting their progress.	CT1 CT2	DE1 DE3	RE1	3 weeks of class time and homework. Digital solution concept design plan. Collaborative multimodal product pitch (6 – 10 minutes) as negotiated; and individual digital record of evidence.

Three assessments. Please refer to the Stage 1 Digital Technologies subject outline.
Note: *Product Design plan is displayed to show the continuum of learning for the subject beyond Unit 1.*