**Philip Feain –** Hello and welcome to the VCE Applied Computing Study Design 2025-2028 on-demand video. The purpose of this video is to support teachers with understanding Unit 1 Outcome 1 Applied Computing. The purpose of this presentation is to: provide an overview of Unit 1 Outcome 1 Applied Computing, discuss the major changes to Unit 1 Outcome 1, look at the software tools, look at the outcome statement, go through the key knowledge, look at the key skills, and look at the assessment tasks.

The following slides will have an overview of Unit 1 Outcome 1. There have been several major changes to Unit 1 Outcome 1 Applied Computing. SQL has been added and the assessment tasks have been updated. There have also been some other minor changes, edits and updates. There are a range of software tools that students are required to both study and use in this unit. These are: database software, spreadsheet software, data visualisation software and an appropriate tool for running Structured Query Language queries. The Outcome statement for Unit 1 Outcome 1 has been updated. Students should be able to interpret teacher-provided solution requirements and designs, analyse data and develop data visualisations to present findings.

The key knowledge and the layout of the content has been updated to make more use of such as and to list the items after the such as in a vertical list. The key knowledge here includes qualitative and quantitative data and data types. Factors affecting the quality of data and information and characteristics of data and information. Australian Privacy Principles and ethical issues. APA referencing system, requirements, constraints and scope and design tools for databases, spreadsheets and data visualisations. Relational databases. Characteristics of spreadsheets, software functions, including SQL for manipulating, validating and testing. Descriptive statistics, purposes of data visualisations and types of data visualisations. Components of data visualisations and formats and conventions for databases, spreadsheets and data visualisations.

Key skills for Unit 1 Outcome 1 have been updated and map directly to the key knowledge. Assessment tasks have been updated and there are now suitable assessment tasks listed for Unit 1 Outcome 1. Teachers can choose from the following: A folio of exercises to demonstrate the learning of database, spreadsheet and data visualisation software tools. A solution including the use of database, spreadsheet and data visualisation software tools in response to teacher provided solution requirements and designs. And a personal portfolio to showcase the development of databases, spreadsheets and data visualisations. Thank you for following this presentation.

If you have any questions regarding this presentation or the VCE Applied Computing Study Design, you can contact Phil Feain, the Digital Technologies Curriculum Manager, at the contact details below.

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