**VCE Unit 1 Computing**

**Time Allocation**
This unit of work will consist of approximately 100 hours of which at least 50 hours will be class time. To complete this unit of work satisfactorily, students must complete each of the following learning outcomes.

**Learning Outcomes**

**Outcome 1**
On completion of this unit the student should be able to acquire, secure and interpret data, and design and develop a graphic solution that communicates the findings of an investigation.

**Outcome 2**
On completion of this unit the student should be able to design a network with wireless capability that meets an identified need or opportunity, explain its configuration and predict risks and benefits for intended users.

**Outcome 3**
On completion of this unit the student should be able to design and develop a website collaboratively with others that presents an analysis of a contemporary issue and the team’s point of view on the issue.

**Assessment Tasks**

1. **Design, administer and analyse survey data**
The student is required to conduct an investigation into an issue, practice or event and through the systematic collection, interpretation and manipulation of primary data they create a graphic solution, such as an infographic, that represents their findings.

   **Weighting:** This task is worth 20% of the overall grade
   **Time allocated to task:** 5 periods
   **Due:** Term 1, Week 5

2. **Design a network solution**
The student is required to investigate how networks with wireless capability allow data and information to be exchanged locally and within the global environment.

   **Weighting:** This task is worth 20% of the overall grade
   **Time allocated to task:** 5 periods
   **Due:** Term 1, Week 9

3. **Collaboration website**
The student is required to examine how the use of particular information systems within specified contexts can cause tensions and conflicts between different stakeholders.

   **Weighting:** This task is worth 20% of the overall grade
   **Time allocated to task:** 5 periods
   **Due:** Term 2, Week 5
4. Semester Examination
The student is required to apply knowledge and understanding of data and data visualisation, networking and collaboration processes.

Weighting: This task is worth 40% of the overall grade
Time allocated to task: 90 minutes

Due: Term 2, Week 9