

**Ringwood Secondary College**  
**2017 Course Planning Document**

## **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