

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

## **VCE Unit 1 Product Design and Technology: Wood**

### **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 re-design a product using suitable materials with the intention of improving aspects of the products aesthetics, functionality or quality, including consideration of sustainability.

#### **Outcome 2**

On completion of this unit the student should be able to use and evaluate materials, tools, equipment and processes to make the re-designed product or prototype, and compare the finished product or prototype with the original design.

### **Assessment Tasks**

#### **1. Design folio**

The student is required to complete a design folio that contains a design brief, evaluation criteria, research, visualisations and design options, working drawings, production plan and evaluation report.

**Weighting:** This task is worth 50% of the overall grade   **Time allocated to task:** 21 periods

**Due:** 21/3/17   **Term 1, Week 8**

#### **2. Product**

The student is required to complete a re-designed product in accordance with the design folio. Including records of production and modifications.

**Weighting:** This task is worth 30% of the overall grade   **Time allocated to task:** 15 periods

**Due:** 29/4/17   **Term 2, Week 5**

#### **3. Semester Examination**

The student is required to apply knowledge and understanding of the product design process with regard to redesigning an existing product and sustainability.

**Weighting:** This task is worth 20% of the overall grade   **Time allocated to task:** 90 minutes

**Due:** Term 2, Week 8