

Varsity College Year 9 Industrial Technology – Semester 2, 2024

Week	Date	Topics	Assessment
1	8-12 July Athletics Carnival - Wed	<ul style="list-style-type: none"> Theory- Workshop safety / General class induction, WH&S Practical – Skills development job 	
2	15-19 July	<ul style="list-style-type: none"> Theory- Correct use of workshop tools and machinery Practical - Practice making housing joints 	
3	22-26 July GC24 - Thursday	<ul style="list-style-type: none"> Theory: Introduction to term 1 assessment Practical: Measuring and marking out materials for their toy truck, cutting and shaping materials 	
4	29 Jul- 2 Aug	<ul style="list-style-type: none"> Theory: Research existing products (PMI's) Materials investigation Practical: Cutting and shaping materials for joinery 	
5	5-9 August	<ul style="list-style-type: none"> Theory: Concept sketching, Develop and present a final design for the toy truck Practical: Cutting and shaping materials to create the required joints Making wheels for the trucks using the drill press 	
6	12-16 August GC24 Finals – Wed.	<ul style="list-style-type: none"> Theory: Compare and evaluate different trucks with other students Students share constructive feedback for improvement Practical: Assembling truck components 	
7	19-23 August	<ul style="list-style-type: none"> Theory: Refine portfolio Practical: Refining truck components, Constructing/assembling truck components 	Draft Due
8	26-30 August	<ul style="list-style-type: none"> Theory: Students evaluate their toy trucks for success and in what areas they could improve Practical: Refining truck components, Constructing/assembling truck components 	
9	2-6 September	<ul style="list-style-type: none"> Theory: Portfolio refining & concept design of truck trailer Practical: Sanding & painting trucks, final alterations to truck 	
10	9-13 September	<ul style="list-style-type: none"> Practical: Toy truck trailer, Mark out materials, Cut and shape materials. Assemble component 	Toy Truck Folio and Project Lesson 3
School holidays: Saturday September 14 – Sunday September 29			
1	30 Sept – 4 Oct	<ul style="list-style-type: none"> Theory: Workplace health and safety, user centred design, research of potential user Practical: Development sketching and refining concepts 	
2	7-11 October King's B'day PH - Monday	<ul style="list-style-type: none"> Theory: Materials investigation Practical: Rapid prototyping, Shading and annotating design sketches 	
3	14-18 October	<ul style="list-style-type: none"> Theory: Market research, Presenting final design Practical: Measuring and marking out materials 	
4	21 - 25 October	<ul style="list-style-type: none"> Theory: Materials costing, Sustainability Practical: Measuring and marking out materials, Materials preparation, Shaping materials 	
5	28 Oct – 1 Nov	<ul style="list-style-type: none"> Theory: Documenting the construction process. Correct use of tools and safe work practices Practical: Shaping materials, Joining components 	
6	4-8 November	<ul style="list-style-type: none"> Theory: Student to student feedback Practical: Shaping materials, Joining components 	Draft Due
7	11-15 November	<ul style="list-style-type: none"> Theory: Reflection of design and construction process Practical: Refining components, Joining components. 	
8	18-22 November	<ul style="list-style-type: none"> Theory: Complete and refine design portfolio Practical: Surface preparation, finishing techniques 	
9	25-29 November	<ul style="list-style-type: none"> Practical: Refining components, joining components, Surface preparation & finishing techniques 	Wooden Toy Folio and Project Lesson 2
10	2-6 December	Alternative Program	
11	9-13 December	Supervision only week	
School holidays: Saturday December 14 – Tuesday January 28			