

Varsity College Year 9 Industrial Technology 2025

Term 1

Week	Date	Topics	Assessment
1	27-31 January O-Week Australia Day: Monday	<ul style="list-style-type: none"> Theory- Workshop safety / General class induction, WH&S Practical – Skills development job 	
2	3-7 February	<ul style="list-style-type: none"> Theory- Correct use of workshop tools and machinery Practical - Practice making housing joints 	
3	10-14 February Swimming Carnival: Tuesday	<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	17-21 February	<ul style="list-style-type: none"> Theory: Research existing products (PMI's) Materials investigation Practical: Cutting and shaping materials for joinery 	
5	24-28 February	<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	3-7 March GC25: Wednesday	<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	10-14 March NAPLAN	<ul style="list-style-type: none"> Theory: Refine portfolio Practical: Refining truck components, Constructing/assembling truck components 	Folio draft
8	17-21 March	<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	24-28 March	<ul style="list-style-type: none"> Theory: Portfolio refining & concept design of truck trailer Practical: Sanding & painting trucks, final alterations to truck 	Folio
10	31 March - 4 April	<ul style="list-style-type: none"> Practical: Toy truck trailer, Mark out materials, Cut and shape materials. Assemble component 	Project Lesson 1
School holidays: Friday April 4 - Sunday April 19			

Term 2

Week	Date	Topics	Assessment
1	21-25 April Easter Monday ANZAC Day: Friday	<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	28 April-2 May	<ul style="list-style-type: none"> Theory: Materials investigation Practical: Rapid prototyping, Shading and annotating design sketches 	
3	5-9 May Labour Day: Monday	<ul style="list-style-type: none"> Theory: Market research, Presenting final design 	

		<ul style="list-style-type: none"> • Practical: Measuring and marking out materials 	
4	12-16 May	<ul style="list-style-type: none"> • Theory: Materials costing, Sustainability • Practical: Measuring and marking out materials, Materials preparation, Shaping materials 	
5	19-23 May	<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	26-30 May	<ul style="list-style-type: none"> • Theory: Student to student feedback • Practical: Shaping materials, Joining components 	Folio draft
7	2-6 June GC25: Wednesday	<ul style="list-style-type: none"> • Theory: Reflection of design and construction process • Practical: Refining components, Joining components. 	
8	9-13 June GC25: Wednesday	<ul style="list-style-type: none"> • Theory: Complete and refine design portfolio • Practical: Surface preparation, finishing techniques 	
9	16-20 June	<ul style="list-style-type: none"> • Practical: Refining components, Joining components, Surface preparation & finishing techniques 	Design folio
10	23-27 June	<ul style="list-style-type: none"> • Alternative Program 	Practical Project Lesson 1
School holidays: Saturday June 28 - Sunday July 13			