

Varsity College
Year 10 Industrial Technology – Semester 1, 2024

Term 1

Week	Date	Topics	Assessment
1	22-26 January O-Week Australia Day PH Fri	<ul style="list-style-type: none"> • P40 Fighter • Introduction to unit • Workshop induction • OnGuard safety modules 	
2	29 Jan-2 Feb	<ul style="list-style-type: none"> • Working Drawings of plane parts 	
3	5-9 February Swimming Carnival - Thurs	<ul style="list-style-type: none"> • Working Drawings of plane parts • Materials List/Investigation/Justification 	
4	12-16 February	<ul style="list-style-type: none"> • Manufacturing: Fuselage • Manufacturing Journal: Fuselage • Manufacturing: Main Wing (including landing gear) • Manufacturing Journal: Main Wing 	
5	19-23 February	<ul style="list-style-type: none"> • Manufacturing: Main Wing (including landing gear) • Manufacturing Journal: Main Wing • Manufacturing: Tail and Assembly of both stabilizers • Manufacturing Journal: Tail and Assembly of both stabilizers 	
6	26 Feb-1 Mar GC24 - Wednesday	<ul style="list-style-type: none"> • Manufacturing: Propeller • Manufacturing Journal: Propeller • Manufacturing: Assembly of parts • Manufacturing Journal: Assembly of parts • Assessment Check-in Day 	
7	4-8 March	<ul style="list-style-type: none"> • Finalise manufacturing processes • Apply finishing techniques • Finalise documentation • Evaluation of final product 	
8	11-15 March	<ul style="list-style-type: none"> • Submission of Assessment • Introduction - River Pour Nightlight • Working Drawings of product 	Project Lesson 3
9	18-22 March GC24 - Thursday	<ul style="list-style-type: none"> • Materials List and investigation • Pair formation for mould production • Manufacturing: Mould production 	
10	25-29 March Good Friday PH	<ul style="list-style-type: none"> • Manufacturing: Mould production • Mould Prep: Calking and waxing • Manufacturing Journal: Mould production and prep 	
School holidays: Friday March 29 - Sunday April 14			

Term 2

Week	Date	Topics	Assessment
1	15-19 April Cross Country - Wed	<ul style="list-style-type: none"> Manufacturing: Base timber strips Manufacturing: Epoxy River Pour (48h cure) Manufacturing Journal: Base timber strips and Epoxy River pour 	
2	22-26 April GC24 - Tuesday Anzac Day PH - Thurs	<ul style="list-style-type: none"> Manufacturing: Base timber strips Manufacturing: Epoxy River Pour (48h cure) Manufacturing Journal: Base timber strips and Epoxy River pour 	
3	29 Apr-3 May	<ul style="list-style-type: none"> Manufacturing: Disassemble mould and divide base parts Manufacturing: Apply finishing techniques to base Manufacturing Journal: Remove base, divide, finishing techniques 	
4	6-10 May Labour Day PH - Mon	<ul style="list-style-type: none"> Manufacturing: LED Housing and Acrylic Sleeve housing Manufacturing Journal: LED Housing and Acrylic Sleeve housing Manufacturing: Finishing oil 	
5	13-17 May	<ul style="list-style-type: none"> Modern Manufacturing: Create acrylic sleeve design by hand and scan Modern Manufacturing: Import into Adobe Illustrator and establish digital design Modern Manufacturing Journal: acrylic sleeve design by hand and digital images Teacher to Laser Cut/engrave 	
6	20-24 May	<ul style="list-style-type: none"> Assessment Check-in Day Manufacturing: LED assembly, Acrylic sleeve assembly 	
7	27-31 May	<ul style="list-style-type: none"> Manufacturing: Consolidation/catch-up Manufacturing Journal: Photo of final product and evaluation 	
8	3-7 June	<ul style="list-style-type: none"> Manufacturing Journal: Photo of final product and evaluation Assessment Consolidation and Submission 	Project Lesson 3
9	10-14 June GC24 - Wednesday	<ul style="list-style-type: none"> Practical Finalisation/modification/consolidation Workshop maintenance 	
10	17-21 June Athletics Carnival - Thurs	EXAM BLOCK	
School holidays: Saturday June 22 - Sunday July 7			