

**Varsity College
Year 10 Industrial Technology Studies – Semester 1, 2023**

Term 1

Week	Date	Topics	Assessment
1	23-27 January Australia Day PH - Thurs	P40 Fighter <ul style="list-style-type: none"> • Introduction to unit • Workshop induction • OnGuard safety modules 	
2	30 Jan – 3 Feb Swimming Carnival - Mon	<ul style="list-style-type: none"> • Working Drawings of plane parts 	
3	6-10 February	<ul style="list-style-type: none"> • Working Drawings of plane parts • Materials List/Investigation/Justification 	
4	13-17 February	<ul style="list-style-type: none"> • Manufacturing: Fuselage • Manufacturing Journal: Fuselage • Manufacturing: Main Wing (including landing gear) • Manufacturing Journal: Main Wing 	
5	20-24 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	27 Feb – 3 Mar	<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	6-10 March GIPSA - Wednesday	<ul style="list-style-type: none"> • Finalise manufacturing processes • Apply finishing techniques • Finalise documentation • Evaluation of final product 	
8	13-17 March	<ul style="list-style-type: none"> • Submission of Assessment River Pour Nightlight <ul style="list-style-type: none"> • Introduction • Working Drawings of product 	-Assignment -Project
9	20-24 March	<ul style="list-style-type: none"> • Materials List and investigation • Pair formation for mould production • Manufacturing: Mould production 	
10	27-31 March Cross Country - Thurs	<ul style="list-style-type: none"> • Manufacturing: Mould production • Mould Prep: Calking and waxing • Manufacturing Journal: Mould production and prep 	
School Holidays: Saturday April 1 – Sunday April 16			

Term 2

Week	Date	Topics	Assessment
1	17-21 April	<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	24-28 April ANZAC Day PH - Tues	<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	1-5 May Labour Day PH - Monday GIPSA - Wednesday	<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	8-12 May	<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	15-19 May GIPSA - Wednesday	<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	22-26 May GIPSA - Wednesday	<ul style="list-style-type: none"> Assessment Check-in Day Manufacturing: LED assembly, Acrylic sleeve assembly 	
7	29 May – 2 June	<ul style="list-style-type: none"> Manufacturing: Consolidation/catch-up Manufacturing Journal: Photo of final product and evaluation 	
8	5-9 June GIPSA - Wednesday	<ul style="list-style-type: none"> Manufacturing Journal: Photo of final product and evaluation Assessment Consolidation and Submission 	-Assignment - Project
9	12-16 June	<ul style="list-style-type: none"> Practical Finalisation/modification/consolidation Workshop maintenance 	
10	19-23 June	Exam Block	
School Holidays: Saturday June 24 – Sunday July 9			