

**Varsity College
Year 12 Engineering**

Term 1, 2023

Week	Date	Topics	Assessment
1	23-27 January Australia Day PH - Thurs	UNIT 3 continued <ul style="list-style-type: none"> Project Work – Related Theory, Success Criteria and Project Management 	
2	30 Jan – 3 Feb Swimming Carnival - Mon	<ul style="list-style-type: none"> Project Work – Related Theory, Success Criteria and Project Management 	
3	6-10 February	<ul style="list-style-type: none"> Project Work – Material Testing 	
4	13-17 February	<ul style="list-style-type: none"> Project Work – Ideation and Working Drawings 	
5	20-24 February	<ul style="list-style-type: none"> Project Work – Prototyping 	Draft
6	27 Feb – 3 Mar	<ul style="list-style-type: none"> Project Work – Prototyping 	
7	6-10 March GIPSA - Wednesday	<ul style="list-style-type: none"> Project Work – Final Prototype Testing 	
8	13-17 March	<ul style="list-style-type: none"> Project Work – Evaluation 	
9	20-24 March	<ul style="list-style-type: none"> Project Work – Recommendations and Summary Report 	IA1 - Folio
10	27-31 March Cross Country - Thurs	Exam Block	
School Holidays: Saturday April 1 – Sunday April 16			

Term 2, 2023

Week	Date	Topics	Assessment
1	17-21 April Athletics Carnival - Wednesday	UNIT 4: Machines in Society <ul style="list-style-type: none"> Types of Motion Simple Machines - Mechanical Advantage, Velocity Ratio and Efficiency 	
2	24-28 April ANZAC Day PH - Tues	<ul style="list-style-type: none"> Levers Gears 	
3	1-5 May Labour Day PH - Monday GIPSA - Wednesday	<ul style="list-style-type: none"> Pulleys Inclined Planes and Screws Wheel and Axle 	
4	8-12 May	<ul style="list-style-type: none"> Work, Energy and Power 	
5	15-19 May GIPSA - Wednesday	<ul style="list-style-type: none"> Project Work – Related Theory, Success Criteria and Project Management 	
6	22-26 May GIPSA - Wednesday	<ul style="list-style-type: none"> Revision of Linear Motion Friction 	
7	29 May – 2 June	<ul style="list-style-type: none"> Project Work – Related Theory, Success Criteria and Project Management 	
8	5-9 June Exam Block – Tuesday L1, 2 GIPSA - Wednesday	<ul style="list-style-type: none"> Project Work – Material Testing Revision of Logic Gates Creating Logic Circuits 	
9	12-16 June	<ul style="list-style-type: none"> Project Work – Ideation and Working Drawings 	Draft
10	19-23 June	<ul style="list-style-type: none"> Project Work - Prototyping 	
School Holidays: Saturday June 24 – Sunday July 9			

Term 3, 2023

Week	Date	Topics	Assessment
1	10-14 July	<ul style="list-style-type: none"> Project Work – Final Prototype Testing 	
2	17-21 July	<ul style="list-style-type: none"> Project Work – Evaluation 	
3	24-28 July	<ul style="list-style-type: none"> Project Work – Recommendations and Summary Report 	IA3 - Folio
4	31 July – 4 August Exam Block Thursday	<ul style="list-style-type: none"> Classification of Materials Stress and Strain Phase Diagrams Compositions and Proportions of Alloys 	
5	7-11 August	<ul style="list-style-type: none"> Solidification and Microstructures of Alloys Complete Solid Solubility Lead-Tin Phase Diagram Complete Solid Insolubility 	
6	14-18 August	<ul style="list-style-type: none"> Partial Solid Solubility Iron-Carbide Phase Diagram 	
7	21-25 August	<ul style="list-style-type: none"> Plastics 	
8	28 August – 1 Sept.	<ul style="list-style-type: none"> Exam Revision 	
9	4-8 September	Mock Exams	
10	11-15 September	Mock Exams	
School Holidays: Saturday September 16 – Monday October 2			

Term 4, 2023

Week	Date	Topics	Assessment
1	2-6 October Queen's Birthday PH - Mon	<ul style="list-style-type: none"> EA revision and preparation 	
2	9-13 October	<ul style="list-style-type: none"> EA revision and preparation 	
3	16-20 October	<ul style="list-style-type: none"> No classes for Applied and Certificate subjects. Study lessons for General subjects. 	
4	23-27 October	External Exam Block	External Exam
5	30 Oct – 3 Nov		
6	6-10 November		
7	13-17 November	Graduation	