

Varsity College Year 12 Engineering 2024

Term 1

Week	Date	Topics	Assessment
1	22-26 January O-Week Australia Day PH Fri	<ul style="list-style-type: none"> O-Week Activities Project Work – Related Theory, Success Criteria and Project Management 	
2	29 Jan-2 Feb	<ul style="list-style-type: none"> Project Work – Related Theory, Success Criteria and Project Management 	
3	5-9 February Swimming Carnival - Thurs	<ul style="list-style-type: none"> Project Work – Material Testing 	
4	12-16 February	<ul style="list-style-type: none"> Project Work – Ideation and Working Drawings 	
5	19-23 February	<ul style="list-style-type: none"> Project Work – Prototyping 	Draft
6	26 Feb-1 Mar GC24 - Wednesday	<ul style="list-style-type: none"> Project Work – Prototyping 	
7	4-8 March	<ul style="list-style-type: none"> Project Work – Final Prototype Testing 	
8	11-15 March	<ul style="list-style-type: none"> Project Work – Evaluation 	
9	18-22 March GC24 - Thursday	<ul style="list-style-type: none"> Project Work – Recommendations and Summary Report 	IA1 – Folio Lesson 3
10	25-29 March Good Friday PH	EXAM BLOCK	
School holidays: Friday March 29 - Sunday April 14			

Term 2

Week	Date	Topics	Assessment
1	15-19 April Cross Country - Wed	UNIT 4: Machines in Society <ul style="list-style-type: none"> Types of Motion Simple Machines - Mechanical Advantage, Velocity Ratio and Efficiency 	
2	22-26 April GC24 - Tuesday Anzac Day PH - Thurs	<ul style="list-style-type: none"> Levers Gears 	
3	29 Apr-3 May	<ul style="list-style-type: none"> Pulleys Inclined Planes and Screws Wheel and Axle 	
4	6-10 May Labour Day PH - Mon	<ul style="list-style-type: none"> Work, Energy and Power 	
5	13-17 May	<ul style="list-style-type: none"> Project Work – Related Theory, Success Criteria and Project Management 	
6	20-24 May	<ul style="list-style-type: none"> Revision of Linear Motion Friction 	
7	27-31 May	<ul style="list-style-type: none"> Project Work – Related Theory, Success Criteria and Project Management 	
8	3-7 June	<ul style="list-style-type: none"> Project Work – Material Testing Revision of Logic Gates Creating Logic Circuits 	
9	10-14 June GC24 - Wednesday	<ul style="list-style-type: none"> Project Work – Ideation and Working Drawings 	Draft
10	17-21 June Athletics Carnival - Thurs	<ul style="list-style-type: none"> Project Work - Prototyping 	
School holidays: Saturday June 22 - Sunday July 7			

Term 3

Week	Date	Topics	Assessment
1	8-12 July	<ul style="list-style-type: none"> Project Work – Final Prototype Testing 	
2	15-19 July	<ul style="list-style-type: none"> Project Work – Evaluation 	
3	22-26 July GC24 - Thursday	<ul style="list-style-type: none"> Project Work – Recommendations and Summary Report 	IA3 - Folio
4	29 Jul- 2 Aug	<ul style="list-style-type: none"> Classification of Materials Stress and Strain Phase Diagrams Compositions and Proportions of Alloys 	
5	5-9 August	<ul style="list-style-type: none"> Solidification and Microstructures of Alloys Complete Solid Solubility Lead-Tin Phase Diagram Complete Solid Insolubility 	
6	12-16 August GC24 Finals – Wed.	<ul style="list-style-type: none"> Partial Solid Solubility Iron-Carbide Phase Diagram 	
7	19-23 August	<ul style="list-style-type: none"> Plastics 	
8	26-30 August	<ul style="list-style-type: none"> Exam Revision 	
9	2-6 September	MOCK EXAMS	Mock Exam
10	9-13 September	MOCK EXAMS	
School holidays: Saturday September 14 – Sunday September 29			

Term 4

Week	Date	Topics	Assessment
1	30 Sept – 4 Oct	<ul style="list-style-type: none"> EA revision and preparation 	
2	7-11 October King's B'day PH - Monday	<ul style="list-style-type: none"> EA revision and preparation 	
3	14-18 October	<ul style="list-style-type: none"> No classes for Applied and Certificate subjects Study lessons for General subjects 	
4	21 - 25 October	EXTERNAL EXAMS	External Assessment: Unit 4
5	28 Oct – 1 Nov		
6	4-8 November		
7	11-15 November	Final Week Events	