

**Varsity College
Year 11 Engineering**

Term 1, 2023

Week	Date	Topics	Assessment
1	23-27 January Australia Day PH - Thurs	UNIT 1 Introduction to Engineering Study habits Engineering History and Society	
2	30 Jan – 3 Feb Swimming Carnival - Mon	Ethics and Planned Obsolescence	
3	6-10 February	Introduction to Engineering Communication The Engineering Problem Solving Process	
4	13-17 February	Introduction to Engineering Mechanics	
5	20-24 February	Linear Motion	
6	27 Feb – 3 Mar	Introduction to Engineering Materials	
7	6-10 March GIPSA - Wednesday	Stress and Strain	
8	13-17 March	Flowcharts and Logic Gates	
9	20-24 March	Revision	
10	27-31 March Cross Country - Thurs	Exam Block	Exam
School Holidays: Saturday April 1 – Sunday April 16			

Term 2, 2023

Week	Date	Topics	Assessment
1	17-21 April Athletics Carnival - Wednesday	UNIT 2 Revision of Engineering Mechanics Introduction to Moments	
2	24-28 April ANZAC Day PH - Tues	Moments – Part 2	
3	1-5 May Labour Day PH - Monday GIPSA - Wednesday	Introduction to Couples	
4	8-12 May	Moments and Couples - Review	
5	15-19 May GIPSA - Wednesday	Engineering Communication	
6	22-26 May GIPSA - Wednesday	Engineering Communication – Working Drawings	
7	29 May – 2 June	Engineering Communication – Working Drawings	
8	5-9 June Exam Block – Tuesday L1,2 GIPSA - Wednesday	Project Work – Success Criteria and Related Theory	
9	12-16 June	Project Work – Project Management	
10	19-23 June	Exam Block	
School Holidays: Saturday June 24 – Sunday July 9			

Term 3, 2023

Week	Date	Topics	Assessment
1	10-14 July	Project Work – Material Investigation	
2	17-21 July	Project Work – Material Investigation	
3	24-28 July	Project Work – Ideation	
4	31 July – 4 August	Project Work – Generate Working Drawings	Draft
5	7-11 August	Project Work – Generate Prototypes	
6	14-18 August	Project Work – Generate Prototypes	
7	21-25 August	Project Work – Evaluation	
8	28 August – 1 Sept.	Project Work – Recommendations	
9	4-8 September	Submit Folio	Folio
10	11-15 September	Exam Block	
School Holidays: Saturday September 16 – Monday October 2			

Term 4, 2023

Week	Date	Topics	Assessment
1	2-6 October King's Birthday PH - Mon	UNIT 3 Revision of Unit 1 and 2 – Forces and Moments Civil Engineering Introduction to Structures	
2	9-13 October	Shear Force and Bending Moment Diagrams	
3	16-20 October	Truss Analysis Method of Joints	
4	23-27 October	Method of Joints	
5	30 Oct – 3 Nov	Factor of Safety and Performance Index Material Properties and Stress/Strain	
6	6-10 November	Corrosion Life Cycle Assessments Reinforced Concrete	
7	13-17 November	Revision	
8	20-24 November	Exam Block	IA2 - Exam
School Holidays: Saturday November 25 – Sunday January 21, 2024			