

Varsity College
Year 10 - Engineering

Term 3, 2023

Week	Date	Topics	Assessment
1	10-14 July Athletics Carnival - Wed	<ul style="list-style-type: none"> SI Units of measurement, Scalar/Vector Quantities, Newton's Laws Components of Forces, Resultant/Equilibrant Engineering fields 	
2	17-21 July	<ul style="list-style-type: none"> Engineering fields Presentation Trigonometry – find a side Trigonometry – find an angle 	Poster Presentation
3	24-28 July	<ul style="list-style-type: none"> Vector Problem solving – Analytical 	
4	31 July – 4 August	<ul style="list-style-type: none"> Vector Problem solving – Graphical and Problem solving 	
5	7-11 August	<ul style="list-style-type: none"> Introduction to Engineering Materials 	
6	14-18 August	<ul style="list-style-type: none"> Engineering Communication The Engineering Problem Solving Process 	
7	21-25 August	<ul style="list-style-type: none"> Linear Motion 	
8	28 August – 1 Sept. GC Show PH - Fri	<ul style="list-style-type: none"> Exam Revision 	
9	4-8 September	<ul style="list-style-type: none"> Exam Revision 	Exam
10	11-15 September	<ul style="list-style-type: none"> Project Introduction Project – Exploring the Problem 	
School Holidays: Saturday September 16 – Monday October 2			

Term 4, 2023

Week	Date	Topics	Assessment
1	2-6 October King's Birthday PH - Mon	<ul style="list-style-type: none"> Project – Exploring the Problem Project – Clarifying Unknowns: Material testing 	
2	9-13 October	<ul style="list-style-type: none"> Project – Developing Ideas: Design Ideation 	
3	16-20 October	<ul style="list-style-type: none"> Project – Generating: Building/Prototyping/Testing 	
4	23-27 October	<ul style="list-style-type: none"> Project – Generating: Building/Prototyping/Testing 	Folio Draft
5	30 Oct – 3 Nov	<ul style="list-style-type: none"> Project – Evaluation: Analysis of Prototype Testing 	
6	6-10 November	<ul style="list-style-type: none"> Project – Evaluation: Recommendations 	
7	13-17 November	<ul style="list-style-type: none"> Project – Summary Report and final formatting 	Folio Due
8	20-24 November	Exam Block	
School Holidays: Saturday November 25 – Sunday January 21, 2024			