



Year 1		Year 2		Year 3		
Term 1	<b>DESN1000</b> Engineering Design and Innovation	Term 1	<b>MATH2019</b> Engineering Mathematics 2E <u>OR</u> <b>MATH2018</b> Engineering Mathematics 2D	Term 1	<b>Discipline Elective Course</b>	
	<b>PHYS1121</b> Physics 1A <u>OR</u> <b>PHYS1131</b> Higher Physics 1A		<b>MATH2089</b> Engineering Mechanics 2		<b>MECH3110</b> Mechanical Design 1	
	<b>MATH1131</b> Mathematics 1A <u>OR</u> <b>MATH1141</b> Higher Mathematics 1A				<b>MANF4100</b> Design and Analysis of Product-Process Systems	
Term 2			<b>ENGG2400</b> Mechanics of Solids 1	Term 2	<b>MANF3510</b> Process Technology and Automation	
			<b>Free Elective Course</b>		<b>DESN3000</b> Strategic Design Innovation	
					<b>MMAN3200</b> Linear Systems and Control	
		Term 3	<b>DESN2000</b> Engineering Design and Professional Practice	Term 3	<b>MMAN4400</b> Engineering Management	<b>Discipline Elective Course</b>
			<b>ENGG2500</b> Fluid Mechanics for Engineers		<b>General Education Course</b>	
	Electrical Circuit Fundamentals					

## NOTES

Compulsory Training Component: There is a program requirement of 60 days approved [Industrial Training](#) ENGG4999

\*MATS1110 is recommended Free Elective Course to be attempted during Year 1.

**This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.**



