

UTS: Engineering
Course Template

Course: C09067 BE (Honours) Diploma in Professional Engineering Practice
Major: Mechatronics Engineering

Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6	Stage 7	Stage 8	Stage 9	Stage 10	
33130 Mathematics 1 6 CORE 48230 Intro to Eng Proj 6 CORE 68037 Phys Mod 6 CORE 48610 Intro to Mechanical Eng 6 MAJ	41053 Materials Manu Engineering A 6 48610 IME MAJ 41099 App Mechanics Design A 6 48610 IME 33130 M1 MAJ 41099 Intro to Mechatr Engineering 6 MAJ 41039 Programming 1 6 MAJ	33230 Mathematics 2 6 33130 M1 CORE 48622 Embedded Mechatron Syst 6 48510 IEEE OR 41099 Int Mech Eng MAJ 41056 Machines & Mechanisms A 6 33230 M2 [C] 48610 IME 68037 Phys. Mod. 48221 Eng. Comp. OR 41039 Prog 1 MAJ 41059 Mech Design Fund Studio 1 6 48610 IME 41099 Int Mech Eng [C] OR 48510 IEEE 41053 MME A [C] OR 48621 Manu. Eng. MAJ	41036 Professional Experience 1 6 PP	41200 Eng. Project Appraisal 6 48230 Int Eng Proj CORE 41058 Dynamic Svst & Control A 6 41056 MMA OR 48640 Mach. Dyn. MAJ 41012 Programm. for Mech Systems 6 48623 Mech. 2 48622 EM Syst 41039 Prog 1 OR 48430 FCP OR 48221 Eng. Comp. MAJ 41070 Embedded Mechatr. Studio 6 48622 EM Syst MAJ	41201 Design Sust Eng Proj 6 41200 Eng Proj App OR 48230 Int Eng Proj 21214 BSI OR 22208 ABS CORE 41013 Industrial Robotics 6 48622 EM Syst 33230 M2 41039 Prog 1 OR 48430 FCP OR 48221 Eng. Comp. MAJ 41014 Sensors & Cont for Mech Sys 6 48622 EM Syst MAJ 41088 Robotics Studio 1 6 41012 PMS 41014 SCMS [C] MAJ	41202 Professional Eng Comm 6 41201 DSEP CORE 41069 Robotics Studio 2 6 41012 PMS 41013 IR [C] MAJ 41118 AI in Robotics 6 41013 IR 41012 PMS MAJ Elective 6 MAJ	41046 Professional Experience 2 6 PP	37 MME Core option 6 MAJ 41029 Eng Research Preparation 6 48260 EPM 41048 PPR 2 MAJ 144 CP 43019 Design in Mech and Mech Svst 6 41066 MSDS 1 OR 41067 MSDS 2 OR 41068 Robot Stu 1 OR 41069 Robot Stu 2 OR 48650 MD2 MAJ 48623 Mech. 2 MAJ Elective 6 Elective 6	41203 Collaboration in Complex Proj 6 41202 Prof Eng Com OR CORE 96 CP 41030 Eng Capstone 6 41029 ERP MAJ Elective 6 MAJ Elective 6	
			41035 Prof Prac Pre 1 3 48230 Int Eng Proj PP	41037 WIL 1 12 41036 PE1 41035 PPP1 OR 31016 CMITP WIL	41038 Prof Prac Rev 1 3 41037 WIL 1 41036 PE1 41035 PPP1 PP			41045 Prof Prac Pre 2 3 41038 PPR 1 PP	41047 WIL 2 12 41046 PE2 41045 PPP 2 OR 31016 CMITP WIL 144 CP	41048 Prof Prac Rev 2 3 41046 PE2 41047 WIL 2 41045 PPP 2 PP

**STM91886 Mechatronics Engineering Core
54cp**

48622 <u>Embedded Mechatron Syst</u> 6	41014 <u>Sensors & Cont for Mech Sys</u> 6	41068 <u>Robotics Studio 1</u> 6
48510 <i>IEEE</i> OR 41099 <i>Int Mech Eng</i>	48622 <i>EM Syst</i>	41012 <i>PMS</i> 41014 <i>SCMS [C]</i>
MAJ	MAJ	MAJ
41012 <u>Programm. for Mech Systems</u> 6	41118 <u>AI in Robotics</u> 6	41069 <u>Robotics Studio 2</u> 6
48623 <i>Mech. 2</i> 48622 <i>EM Syst</i> 41039 <i>Prog 1</i> OR 48430 <i>FCP</i> OR 48221 <i>Eng. Comp.</i>	41013 <i>IR</i> 41012 <i>PMS</i>	41012 <i>PMS</i> 41013 <i>IR [C]</i>
MAJ	MAJ	MAJ
41013 <u>Industrial Robotics</u> 6	41070 <u>Embedded Mechatr. Studio</u> 6	41039 <u>Programming 1</u> 6
48622 <i>EM Syst</i> 33230 <i>M2</i> 41039 <i>Prog 1</i> OR 48430 <i>FCP</i> OR 48221 <i>Eng. Comp.</i>	48622 <i>EM Syst</i>	
MAJ	MAJ	MAJ

**STM91885 Mechanical and Mechatronics Engineering Core
54cp**

48610 <u>Intro to Mechanical Eng</u> 6	41099 <u>Intro to Mechatr Engineering</u> 6	41059 <u>Mech Design Fund Studio 1</u> 6
		48610 <i>IME</i> 41099 <i>Int Mech Eng [C]</i> OR 48510 <i>IEEE</i> 41053 <i>MME A [C]</i> OR 48621 <i>Manu. Eng.</i>
MAJ	MAJ	MAJ
41054 <u>App Mechanics Design A</u> 6	41056 <u>Machines & Mechanisms A</u> 6	43019 <u>Design in Mech and Mech Syst</u> 6
48610 <i>IME</i> 33130 <i>M1</i>	33230 <i>M2 [C]</i> 48610 <i>IME</i> 68037 <i>Phys. Mod.</i> 48221 <i>Eng. Comp.</i> OR 41039 <i>Prog 1</i>	41066 <i>MSDS 1</i> OR 41067 <i>MSDS 2</i> OR 41068 <i>Robot Stu 1</i> OR 41069 <i>Robot Stu 2</i> OR 48650 <i>MD2</i>
MAJ	MAJ	MAJ
41053 <u>Materials Manu Engineering A</u> 6	41058 <u>Dynamic Syst & Control A</u> 6	37 <u>MME Core - option</u> 6
48610 <i>IME</i>	41056 <i>MMA</i> OR 48640 <i>Mach. Dyn.</i>	
MAJ	MAJ	MAJ

Mech&Mech Core - option
Choose one from option

41301 <u>Industrial Engineering</u> 6
MAJ
41302 <u>Additive Manufacturing 1</u> 6
68037 <i>Phys. Mod.</i> OR 41053 <i>MME A</i> OR 48621 <i>Manu. Eng.</i>
MAJ

