

Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6	Stage 7	Stage 8	Stage 9	Stage 10	Stage 11	Stage 12
33130 Maths Mod 1 6 <i>Core</i>	33230 Maths Mod 2 6 33130 Maths Mod 1 <i>Core</i>	Option 6 <i>MAJ</i>	Arts Major 8	Option 6 <i>MAJ</i>	48240 Design & Inno Fundamentals 6 33130 Maths Mod 1 48230 Eng Comm <i>Core</i>			48250 Eng Eco & Fin 6 48110 EE1 48230 Eng Comm 48240 Design&Inno Fund <i>Core</i>		48260 Eng Proj Man 6 48240 Design&Inno Fund 48122 EPR1 OR 96 CP <i>Core</i>	48006 Capstone Project 6 48260 Eng Proj Man 48142 EPR2 OR <i>MAJ</i> 144 CP
48230 Eng Comm 6 <i>Core</i>	48023 Programming Fundamentals OR 48221 Engineering Computations 6 33130 Maths Mod 1 <i>MAJ</i>	976001 Foundations in Int'l Studies 8	48110 Engineering Experience 1	Option 6 <i>MAJ</i>	Option 6 <i>MAJ</i>			Option 6 <i>MAJ</i>	48130 Engineering Experience 2	Option 6 <i>MAJ</i>	Option 6 <i>MAJ</i>
88037 Phys Mod 6 <i>Core</i>	Option 6 <i>MAJ</i>	Arts Major 8		Arts Major 8	Arts Major 8			Option 6 <i>MAJ</i>		Option 6 <i>MAJ</i>	Option 6 <i>MAJ</i>
Option 6 <i>MAJ</i>	Option 6 <i>MAJ</i>				976xxx Contemp Society 8			Option 6 <i>MAJ</i>		Option 6 <i>MAJ</i>	
		48121 EPP1 3 48230 Eng Comm [C] & 1 CP <i>EPP</i>	48121 EPP1 0	48122 EPR1 3 48110 EE1 <i>EPP</i>				48141 EPP2 3 48122 EPR1 OR 48120 REP1 <i>EPP</i>	48141 EPP2 & 129 CP <i>EPP</i>	48142 EPR2 3 48130 EE2 48141 EPP2 <i>EPP</i>	

**Subject Name**

**Subject Number** → 48016 Capstone A 6 ← **Credit Points**

**Engineering Course Component** → 48260 Eng Pro M<sup>ent</sup> ← **Academic Requisites**

48142 EPR2 [C]  
OR 144 CP  
*MAJ*

**Availability**  
If blank, subject offered in either semester. Check the UTS Timetable.

**Course Component Key**  
Core - Core Subject  
EPP - Engineering Practice Program  
MAJ - Subject within the major

**Notes:**  
Subjects and/or credit points that must be completed prior to the commencement of this subject.  
[C] denotes an academic co-requisite, where this subject may be taken in the same semester.

48100 Professional Practice 0 126 CP
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Select 90 CP from the following options (with the approval of DUP)

48023 <b>Programming Fundamentals</b> MAJ	48331 <b>Mech of Solids</b> 48321 Eng Mechanics OR 48620 Fund Mech Eng MAJ	48362 <b>Hydraulics &amp; Hydro</b> 48641 Fluid Mechanics MAJ	48410 <b>Intro to ICT Eng</b> MAJ	48471 <b>ICT Analysis</b> 48240 Design&Inno Fund 48260 Eng Pro M'ment [C] & 120 CP MAJ	48541 <b>Signal Theory</b> 33230 Maths Mod 2 MAJ	48580 <b>Advanced Control</b> 48560 Intro Control MAJ	48621 <b>Manufacturing Eng</b> 48610 Intro to M&M Eng MAJ	48660 <b>Dynamics &amp; Control</b> 48640 Machine Dynamics MAJ	48750 <b>Network Plan &amp; Management</b> 48740 Comm Networks 33230 Maths Mod 2 MAJ	48881 48840 48840 MAJ
48024 <b>Applications Programming</b> 48023 Programming Fundamentals MAJ	48340 <b>Construction</b> 48310 Intro to Civil & Enviro Eng MAJ	48364 <b>Mat Testng</b> 48331 Mech of Solids MAJ	48430 <b>Embedded C</b> 48441 Intro Digital Sys [C] MAJ	48481 <b>ICT Design</b> 48471 ICT Analysis MAJ	48550 <b>Renewable Energy Sys</b> 48531 Electromechanical Automation MAJ	48581 <b>Digital Electronics</b> 48530 Circuit Analysis 48570 Data Acq & Dist MAJ	48622 <b>Mechatronics 1</b> 48510 Intro to Electrical Engineering MAJ	48661 <b>Heat Transfer</b> 48641 Fluid Mechanics MAJ	48770 <b>Continuous Communications</b> 48541 Signal Theory OR 48540 Signals and Sys MAJ	60101 MAJ
48080 <b>Intro to Innov</b> MAJ	48342 <b>Structural Behav'r &amp; Design</b> 48331 Mech of Solids 48352 Constr Mat [C] MAJ	48365 <b>Mat Perform</b> 48366 Steel & Timber Des 48364 Materials Testing 48353 Concrete Design [C] MAJ	48433 <b>Software Archit</b> 48440 Software EngPrac OP 48024 Applications Program MAJ	48510 <b>Intro to Elec Eng</b> MAJ	48551 <b>Analog Electronics</b> 48530 Circuit Analysis 48570 Data Acq & Dist MAJ	48582 <b>Power Sys Analysis &amp; Des</b> 48572 Power Circ't Theory MAJ	48623 <b>Mechatronics 2</b> 48622 Mechatronics 1 OR 48441 Intro Digital Sys MAJ	48662 <b>Mechanical Applications</b> 48640 Machine Dynamics 48642 Str of Eng Mat MAJ	48771 <b>Discrete Comm</b> 48541 Signal Theory MAJ	68038 33230 68037 48520 MAJ
48221 <b>Engineering Computations</b> 33130 Maths Mod 1 MAJ	48349 <b>Structural Analysis</b> 48331 Mech of Solids 33230 Maths Mod 2 MAJ	48366 <b>Steel &amp; Timber Design</b> 48349 Structural Analysis 48352 Constr Mat [C] MAJ	48434 <b>Embedded Software</b> 48430 Embedded C MAJ	48520 <b>Elec &amp; Circuits</b> 48510 Intro to Elec Eng 33130 Maths Mod 1 MAJ	48560 <b>Intro Control</b> 48540 Signals & Sys MAJ	48583 <b>Power Sys Oper'n &amp; Prot'n</b> 48572 Power Circ't Theory MAJ	48640 <b>Machine Dynamics</b> 48620 Fund of Mech Eng MAJ	48663 <b>Adv Manufacturing</b> 48650 Mech Design 2 48621 Manufacturing Eng MAJ	48780 <b>Mobile Comm</b> 48770 Continuous Comm MAJ	31275 48720 MAJ
48310 <b>Intro to Civil &amp; Enviro Eng</b> MAJ	48350 <b>Enviro &amp; San'n Eng</b> 60101 Chem & Mat Sci OR 65111 Chemistry 1 MAJ	48370 <b>Road &amp; Transport Eng</b> 48330 Soil Behaviour MAJ	48440 <b>Software Eng Pr</b> 48024 Applications Programming MAJ	48521 <b>Fund Elec Eng</b> 48510 Intro to Elec Eng 68037 Phys Mod 33230 Maths Mod 2 [C] MAJ	48561 <b>Power Elec &amp; Drives</b> 48531 Electro Autom MAJ	48600 <b>Mech Design 1</b> 48331 Mech of Solids 48621 Manufacturing Eng 48240 Design&Inno Fund MAJ	48641 <b>Fluid Mech</b> 33230 Maths Mod 2 MAJ	48670 <b>M&amp;M Design</b> 48650 Mech Design 2 MAJ	48821 <b>Principles of Environmental Eng</b> 65111 Chemistry 1 MAJ	48436 48730 MAJ
48320 <b>Surveying</b> MAJ	48352 <b>Constr Mat</b> 33230 Maths Mod 2 65111 Chemistry 1 OR 60101 Chem & Mat Sci MAJ	48371 <b>Adv Eng Comp</b> 48221 Eng Computations 48349 Structural Analysis & 120 CP MAJ	48441 <b>Intro Digital Sys</b> 48510 Intro Elec Eng MAJ	48530 <b>Circuit Analysis</b> 48520 Elec & Circuits 48521 Fund of Elec Eng MAJ	48570 <b>Data Acq Dist</b> 48441 Intro Digital Sys 48540 Signals and Sys OR 48520 Elec & Circuits AND 48541 Sig Theory MAJ	48601 <b>Mech Vib &amp; Measurement</b> 48640 Machine Dynamics 48660 Dynam & Control MAJ	48642 <b>Strength of Eng Materials</b> 48331 Mech of Solids MAJ	48720 <b>Network Fundamentals</b> MAJ	48840 <b>Water Supply &amp; Wastew'r M'ment</b> 65111 Chemistry 1 OR 60101 Chem & Mat Sci MAJ	41900 48410 48720 MAJ
48321 <b>Eng Mechanics</b> 33130 Maths Mod 1 [C] 68037 Physical Mod [C] MAJ	48353 <b>Concrete Design</b> 48349 Structural Analysis 48352 Construct'n Mat [C] MAJ	48372 <b>Water Quantity &amp; Quality Process</b> 48362 Hydraulics & Hydro MAJ	48450 <b>Real-Time Oper'n Sys</b> 48434 Embedded S'ware MAJ	48531 <b>Electro Autom</b> 33230 Maths Mod 2 48520 Elec and Circ's OR 48660 Dynam & Control MAJ	48571 <b>Elec Machines</b> 48531 Electromech Auto 48530 Circuit Analysis 68038 Adv Maths & Phys MAJ	48610 <b>Intro to M&amp;M Eng</b> MAJ	48650 <b>Mech Design 2</b> 48600 Mech Design 1 48642 Str of Eng Mat MAJ	48730 <b>Network Securit</b> 48740 Comm Networks OR 31277 Routing & Internet OR 31471 Networking 2 MAJ	48850 <b>Enviro Planning &amp; Law</b> 87 CP MAJ	41101 48541 48520 91400 MAJ
48330 <b>Soil Behaviour</b> 48331 Mech of Solids [C] MAJ	48360 <b>Geotechnical Eng</b> 48330 Soil Behaviour MAJ	48389 <b>Comp M&amp;D</b> 48366 S&T Des [C] 48353 Concrete Design & 144 CP MAJ	48451 <b>Adv Digital Systems</b> 48441 Intro Digital Sys MAJ	48540 <b>Signals &amp; Sys</b> 48530 Circuit Analysis MAJ	48572 <b>Power Circuit Theory</b> 48530 Circuit Analysis MAJ	48620 <b>Fund Mech Eng</b> 48610 Intro to M&M Eng 68037 Phys Mod 33130 Maths Mod 1 MAJ	48651 <b>Thermo-dynamics</b> 33230 Maths Mod 2 68037 Phys Mod MAJ	48740 <b>Comm Networks</b> 48720 Network Fund MAJ	48860 <b>Poll'n Control &amp; Waste M'ment</b> 48840 Water Supply OR 48350 Enviro & S'tion Eng MAJ	48210 48250 25115 MAJ

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# UTS: Engineering Course Template

Course: C10062v5 BE BA IntlSt Dip Eng Prac  
Major: General Engineering

C10063v6 BE BA IntlSt

<b>Water &amp; Enviro</b>	<b>6</b>
<b>Design</b>	
<i>Hydraulics &amp; Hydro</i>	
<i>Water Supply</i>	
<i>&amp; 144 CP SPR</i>	
<b>Chem &amp;</b>	<b>6</b>
<b>Materials Sci</b>	
<b>Adv Math Phys</b>	<b>6</b>
<i>Maths Modelling 2</i>	
<i>Phys Mod</i>	
<i>Elec &amp; Circuits</i>	
<i>SPR</i>	
<b>Mobile</b>	<b>6</b>
<b>Networking</b>	
<i>Network Fundamenta</i>	
<i>SPR</i>	
<b>Digital Forensic</b>	<b>6</b>
<i>Network Security</i>	
<i>SPR</i>	
<b>Fundamentals</b>	<b>6</b>
<b>of Security</b>	
<i>Intro ICT Eng OR</i>	
<i>Network Fund</i>	
<b>Fund of Biomed</b>	<b>6</b>
<i>Signal Theory</i>	
<i>Electronics &amp; Circuits</i>	
<i>Human Anatomy &amp; Ph</i>	
<i>SPR</i>	
<b>Interrogating</b>	<b>6</b>
<b>Technology</b>	
<i>Eng Eco &amp; Fin OR</i>	
<i>Eco for Business</i>	

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