

Wednesday, 7 November 2007

Roula Tsiolas
Chief Executive Officer
Australian Industrial Systems Institute
Level 2, 213-215 Lonsdale Street
Melbourne, VIC 3000
Australia

Re: Advanced Standing towards the Bachelor of Engineering (Electrical and Electronics, and Mechanical) at Charles Darwin University (CDU)

Dear Roula Tsiolas,

The School of Engineering and Logistics has completed its assessment of the **Diploma in Automotive Technology** delivered by the Australian Industrial Systems Institute (AISI) in Victoria Australia, and has approved the following advanced standing articulation arrangements.

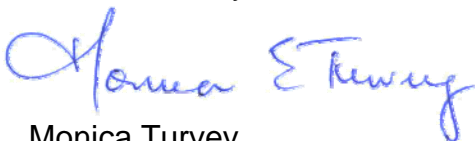
1. A maximum of 6 months (4 units) of advanced standing towards the CDU **Bachelor of Engineering (Electrical and Electronics, and Mechanical)** delivered at the CDU Casuarina Campus in Darwin Australia, on successful completion of the AISI **Diploma in Automotive Technology**.
2. To be eligible for admission with advanced standing, students must;
 - satisfy the University's English language entry requirements, which are IELTS 6.0 with no band less than 5.5, and
 - provide evidence of completion of the AISI **Diploma in Automotive Technology** with an overall minimum grade average of 60% or C.

Students will be required to complete three and a half years of full-time study at CDU to qualify for the award of the Bachelor of Engineering. A study plan is attached.

The University reserves the right to review this articulation agreement.

I would like to take this opportunity to thank you for choosing Charles Darwin University as a study destination for your students and look forward to a fruitful collaboration.

Yours sincerely



Monica Turvey
Director International

**Advanced Standing for
Australian Industrial Systems Institute
Diploma in Automotive Technology**

BACHELOR OF ENGINEERING (BENG)

ELECTRICAL AND ELECTRONICS, AND MECHANICAL ENGINEERING specialist stream - CASUARINA CAMPUS

For students who have completed the Diploma in Automotive Technology (AUR50205) at the Australian Industrial Systems Institute, Melbourne (<http://www.aisi.edu.au/>)

Semester 1 (February) Entry

Legend:	CU = Common Unit	CO = Core Unit	SE = Specialist Elective	E = Elective
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COMMON FIRST YEAR for all engineering streams - CASUARINA CAMPUS

Semester 1		Semester 2	
Year 1			
ENG151 Statics	CO	ENG152 Dynamics	CO
ENG153 Engineering Science	CO	ENG174 Electrical Engineering and Computing	CO
SMA101 Mathematics 1A	CO	SMA102 Mathematics 1B	CO
Elective	E	Elective	E

ELECTRICAL AND ELECTRONICS ENGINEERING specialist stream - CASUARINA CAMPUS

Semester 1		Semester 2	
Year 2			
ENG221 Analogue Electronics	SE	ENG223 Electrical Circuit Analysis	SE
ENG222 Digital Electronics and Computer Architecture	SE	ENG224 Electrical Machines and Power Systems	SE
ENG225 C Programming	SE	PMO201 Project Management	SE
SMA209 Mathematics 2A	CO	SMA211 Mathematics 2B	CO
Year 3			
ENG300 Industrial Experience Part A (0 cp)	CO	ENG304 Engineering Design Project	CO
ENG321 Analogue Devices	SE	ENG323 Communication Engineering	SE
ENG322 Embedded and Mobile Systems	SE	ENG326 Control Systems	SE
ENG324 Power Systems Analysis	SE	ENG328 Microwave Engineering	SE
ENG325 Signals and Systems	SE		
Year 4			
ENG400 Industrial Experience Part B (0 cp)	CO		
ENG402 Thesis Part A	CO		
ENG403 Thesis Part B	CO		
ENG404 Management for Professionals	CO		
ENG421 Digital Signal Processing	SE		

MECHANICAL ENGINEERING specialist stream - CASUARINA CAMPUS

Semester 1		Semester 2	
Year 2			
ENG235 Manufacturing	SE	ENG212 Mechanics of Solids	SE
ENG243 Fluid Mechanics	SE	ENG234 Thermodynamics	SE
ENG264 Materials Engineering	SE	PMO201 Project Management	SE
SMA209 Mathematics 2A	CO	SMA211 Mathematics 2B	CO
Year 3			
ENG300 Industrial Experience Part A (<i>0 cp</i>)	CO	ENG304 Engineering Design Project	CO
ENG315 Engineering Computing	SE	ENG326 Control Systems	SE
ENG325 Signals and Systems	SE	ENG333 Engines and Turbomachinery	SE
ENG330 Applied Fluid Mechanics	SE	ENG331 Applied Heat and Mass Transfer	SE
ENG336 Machine Design	SE		
Year 4			
ENG400 Industrial Experience Part B (<i>0 cp</i>)	CO		
ENG402 Thesis Part A	CO		
ENG403 Thesis Part B	CO		
ENG404 Management for Professionals	CO		
Elective	E		

Semester 2 (July) Entry

Legend:	CU = Common Unit	CO = Core Unit	SE = Specialist Elective	E = Elective
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COMMON FIRST SEMESTER for all engineering specialist streams - CASUARINA CAMPUS

Semester 1		Semester 2	
Year 1			
		ENG174 Electrical Engineering and Computing	CO
		SMA101 Mathematics 1A	CO
		SMA102 Mathematics 1B	CO
		Elective	E

ELECTRICAL AND ELECTRONICS ENGINEERING specialist stream - CASUARINA CAMPUS

Semester 1		Semester 2	
Calendar Year 2			
ENG151 Statics	CO	ENG152 Dynamics	CO
ENG153 Engineering Science	CO	ENG223 Electrical Circuit Analysis	SE
SMA209 Mathematics 2A	CO	PMO201 Project Management	SE
ENG221 Analogue Electronics	SE	SMA211 Mathematics 2B	CO
Calendar Year 3			
ENG222 Digital Electronics and Computer Architecture	SE	ENG224 Electrical Machines and Power Systems	SE
ENG225 C Programming	SE	ENG304 Engineering Design Project (<i>unit title change in 2008</i>)	CO
ENG300 Industrial Experience Part A (<i>0 cp</i>)	CO	ENG326 Control Systems	SE
ENG321 Analogue Devices	SE	ENG328 Microwave Engineering	SE
ENG325 Signals and Systems	SE		
Calendar Year 4			
ENG322 Embedded and Mobile Systems	SE	ENG323 Communication Engineering	SE
ENG324 Power Systems Analysis	SE	ENG402 Thesis Part A	CO
ENG400 Industrial Experience Part B (<i>0 cp</i>)	CO	ENG403 Thesis Part B	CO
ENG404 Management for Professionals	CO	Elective	E
ENG421 Digital Signal Processing	SE		

MECHANICAL ENGINEERING specialist stream - CASUARINA CAMPUS

Semester 1		Semester 2	
Calendar Year 2			
ENG151 Statics	CO	ENG152 Dynamics	CO
ENG153 Engineering Science	CO	ENG212 Mechanics of Solids	SE
SMA209 Mathematics 2A	CO	PMO201 Project Management	SE
Elective	E	SMA211 Mathematics 2B	CO
Calendar Year 3			
ENG235 Manufacturing	SE	ENG234 Thermodynamics	SE

ENG243 Fluid Mechanics	SE	ENG304 Engineering Design Project (<i>unit title change in 2008</i>)	CO
ENG264 Materials Engineering	SE	ENG326 Control Systems	SE
ENG300 Industrial Experience Part A (<i>0 cp</i>)	CO	Elective	E
ENG325 Signals and Systems	SE		
Calendar Year 4			
ENG315 Engineering Computing	SE	ENG331 Applied Heat and Mass Transfer	SE
ENG330 Applied Fluid Mechanics	SE	ENG333 Engines and Turbomachinery	SE
ENG336 Machine Design (<i>was ENG236</i>)	SE	ENG402 Thesis Part A	CO
ENG400 Industrial Experience Part B (<i>0 cp</i>)	CO	ENG403 Thesis Part B	CO
ENG404 Management for Professionals	CO		

RECOMMENDED ELECTIVES

Semester 1		Semester 2	
Year 1			
CUC106 Design and Innovation: Communicating Technology	CU	CUC107 Northern Perspective	CU
SCH104 Introductory Chemistry A	CO	SPH141 Concepts of Physics	CO
	CO	ENG417 Environmental Awareness and Sustainability (for Electrical and Electronics and Mechanical Engineering streams)	E