

Course Plan – Commencement Semester 2, 2020
G1070 Graduate Diploma in Engineering
24pts

Martina Calais

Major: Electrical Power Engineering				
Semester 1		Semester 2		
Year 3			ENG556 Power System Modelling and Analysis	3 pts
			ENG670 Measurement and Uncertainty Analysis	3 pts
			Specified Elective	3 pts
			Specified Elective	3 pts
				12pts
	ENG558 Advanced Power Electronics	3 pts		
	ENG691 Hazard, Risk and Project Management	3 pts		
	Specified Elective	3 pts		
	Specified Elective	3 pts		
		12 pts		

Specified Electives – 12 credit points

Select from the Specified Elective Unit List below.

Students must meet the unit-specific prerequisites, if any, for the elective selected.

[TLC501](#) Communication Skills for Postgraduate Study - 3 points

MURDOCH: S1-internal, S2-internal

[ENG501](#) PLC Applications - 3 points

MURDOCH: S1-internal

[ENG523](#) Control Systems - 3 points

MURDOCH: S2-internal

[ICT616](#) Data Resources Management - 3 points

MURDOCH: S1-internal, S2-internal

[PEN590](#) Energy Systems - 3 points

MURDOCH: S2-internal, S2-external

[PEN594](#) Energy Auditing and Management - 3 points

MURDOCH: S1-internal, S1-external

[PEN504](#) Greenhouse Gas Reporting and Life Cycle Assessment - 3 points

MURDOCH: S2-internal, S2-external

Disclaimer: This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as per the online [Handbook](#) . This course plan will vary depending on chosen minors and your academic progression.

Students should note that due to unit prerequisites, commencing study in Semester 2 may extend the duration of the course.

[PEN637](#) Applied Solar PV – 3 points

Murdoch: S2-internal

[PEN639](#) Wind and Hydroelectricity – 3 points

Murdoch: S2-internal

[PEN634](#) Solar Thermal and Biomass Energy – 3points

Murdoch: S1-internal; S1-external

[MBS538](#) Organisational Behaviour and Management - 3 points

MURDOCH: S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external,

[MBS673](#) Entrepreneurship and Innovation Management - 3 points

MURDOCH: S1-internal, S1-external, SUM-internal, SUM-external

[ENG550](#) Design Project - 3 points

MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal

Course Plan – Commencement Semester 2, 2020
G1070 Graduate Diploma in Engineering
24pts

Martina Calais

Major: Industrial Control Systems Engineering

Semester 1		Semester 2	
		ENG523 Control Systems	3 pts
		ENG670 Measurement and Uncertainty Analysis	3 pts
		Specified Elective	3 pts
		Specified Elective	3 pts
			12pts
	ENG501 PLC Applications	3 pts	
	ENG691 Hazard, Risk and Project Management	3 pts	
	Specified Elective	3 pts	
	Specified Elective	3 pts	
		12 pts	
Year 3			

Specified Electives – 12 credit points

Select from the Specified Elective Unit List below.

Students must meet the unit-specific prerequisites, if any, for the elective selected.

[ENG608](#) Communications, Measurement and Control – 3 points

MURDOCH: S1-internal

[ENG609](#) SCADA and Industrial Control Systems – 3 points

MURDOCH: S2-internal

[ENG550](#) Design Project - 3 points

MURDOCH: S1-internal, S2-internal, SUM-internal, Y-internal

[ICT616](#) Data Resources Management - 3 points

MURDOCH: S1-internal, S2-internal

[TLC501](#) Communication Skills for Postgraduate Study - 3 points

MURDOCH: S1-internal, S2-internal

[ENG558](#) Advanced Power Electronics - 3 points

MURDOCH: S1-internal

[ENG556](#) Power System Modelling and Analysis - 3 points

MURDOCH: S2-internal

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Students should note that due to unit prerequisites, commencing study in Semester 2 may extend the duration of the course.

[PEN590](#) Energy Systems - 3 points
MURDOCH: S2-internal, S2-external

[PEN594](#) Energy Auditing and Management - 3 points
MURDOCH: S1-internal, S1-external

[PEN504](#) Greenhouse Gas Reporting and Life Cycle Assessment - 3 points
MURDOCH: S2-internal, S2-external

[PEN637](#) Applied Solar PV – 3 points
Murdoch: S2-internal

[PEN639](#) Wind and Hydroelectricity – 3 points
Murdoch: S2-internal

[PEN634](#) Solar Thermal and Biomass Energy – 3points
Murdoch: S1-internal; S1-external

[MBS538](#) Organisational Behaviour and Management - 3 points
MURDOCH: S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external,

[MBS673](#) Entrepreneurship and Innovation Management - 3 points
MURDOCH: S1-internal, S1-external, SUM-internal, SUM-external