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2020 Study Plan Template

Graduate Diploma in Engineering Science (Electronic)

Please note that this document is provided as a guide only. Students are responsible for ensuring that they have completed 36 units of study according to the official course rule available at https://students.flinders.edu.au/my-course/course-rules/postgrad/gdpengsci

Students are responsible for planning their Core and Elective Topics ahead to ensure they meet the topic prerequisites.

A list of all topics, including topic prerequisite information and alternate study period availabilities, is available at <u>Topics</u> <u>2020</u>.

Core and Elective Topics – Electronic Engineering Pathway E1 Students who have entered with a computer science degree must complete 36 units of topics comprising:

Semester 1, 2020 start:

	S1	ENGR8731	ENGR8761	ENGR8812	Elective
		Microprocessors GE	Engineering Mathematics	Engineering	
		(4.5 units)	GE (4.5 units)	Mechanics GE (4.5	
r 1				units)	
Yea	S2	ENGR8703	ENGR8712	ENGR8722	ENGR8752
		Electronics GE (4.5	Automation and	Analysis of	Engineering Physics and
		units)	Industrial Control GE (4.5	Engineering Systems	Materials GE (4.5 units)
			units)	GE (4.5 units)	

Semester 2, 2020 start:

	S2	ENGR8703	ENGR8712	ENGR8722	ENGR8752
		Electronics GE (4.5	Automation and	Analysis of	Engineering Physics and
		units)	Industrial Control GE (4.5	Engineering Systems	Materials GE (4.5 units)
r 1			units)	GE (4.5 units)	
Yea	S1	ENGR8731	ENGR8761	ENGR8812	Elective
		Microprocessors GE	Engineering Mathematics	Engineering	
		(4.5 units)	GE (4.5 units)	Mechanics GE (4.5	
				units)	

Core and Elective Topics – Electronic Engineering Pathway E2 Students who have entered with an engineering degree or a science degree with 1st year mathematics and physics must complete 36 units of topics comprising:

Semester 1, 2020 start:

	S1	COMP8801	ENGR8731	ENGR8761	ENGR8800
		Computer	Microprocessors GE (4.5	Engineering	Engineering
		Programming 2 GE	units)	Mathematics GE (4.5	Programming GE (4.5
r 1		(4.5 units)		units)	units)
Yea	S2	ENGR8703	ENGR8712	ENGR8722	Elective
		Electronics GE (4.5	Automation and	Analysis of Engineering	
		units)	Industrial Control GE	Systems GE (4.5 units)	
			(4.5 units)		

Semester 2, 2020 start:

ar 1	S2	ENGR8703 Electronics GE (4.5 units)	ENGR8712 Automation and Industrial Control GE (4.5 units)	ENGR8722 Analysis of Engineering Systems GE (4.5 units)	Elective
Yea	S1	COMP8801	ENGR8731	ENGR8761	ENGR8800
		Computer	Microprocessors GE (4.5	Engineering	Engineering Programming
		Programming 2 GE	units)	Mathematics GE (4.5	GE (4.5 units)
		(4.5 units)		units)	

Core and Elective Topics – Electronic Engineering Pathway E3 Students who have entered with an Australian TAFE Diploma or Advance Diploma electronics qualification plus 7 years work experience must complete 36 units of topics comprising:

Semester 1, 2020 start:

	S1	COMP8801	ENGR8761	ENGR8812	Elective
		Computer	Engineering	Engineering Mechanics	
		Programming 2 GE	Mathematics GE (4.5	GE (4.5 units)	
r 1		(4.5 units)	units)		
Yea	S2	ENGR8722	ENGR8752	ENGR8800	Elective
		Analysis of	Engineering Physics and	Engineering	
		Engineering Systems	Materials GE (4.5 units)	Programming GE (4.5	
		GE (4.5 units)		units)	

Semester 2, 2020 start:

ar 1	S2	ENGR8722 Analysis of Engineering Systems GE (4.5 units)	ENGR8752 Engineering Physics and Materials GE (4.5 units)	ENGR8800 Engineering Programming GE (4.5 units)	Elective
Уеа	S1	COMP8801 Computer Programming GE 2 (4.5 units)	ENGR8761 Engineering Mathematics GE (4.5 units)	ENGR8812 Engineering Mechanics GE (4.5 units)	Elective

Кеу:		
Core Topic	Compulsory topic	
Elective Topic	4.5 units of electives selected from ENGR topics at level 7000 or above	