

Code	Course Names	Offered 2008	replaces old courses
ELEC1111	Electrical & Telecommunications Engineering	S1 & S2	elec1011
ELEC2133	Analogue Electronics	S2	elec3006
ELEC2134	Circuits and Signals	S1 & S2	elec2031 & elec2032
ELEC2141	Digital Circuit Design	S1	elec1041
ELEC2142	Embedded Systems Design	S2	elec2041
ELEC3104	Digital Signal Processing	S1	elec3004
ELEC3105	Electrical Energy	S2	elec3005
ELEC3106	Electronics	S1	
ELEC3114	Control Systems	S2	elec3014
ELEC3115	Electromagnetic Engineering	S1	tele3015, elec2015, phys2939
ELEC3117/ TELE3117/ PHTN3117	Electrical Engineering Design / Telecommunications Eng. Design/ Photonics Engineering Design	S2	elec3017
ELEC4122	Strategic Leadership and Ethics	S2	
ELEC4123/ TELE4123/ PHTN4123	Electrical Design Proficiency/ Telecommunications Design Proficiency/ Photonic Design Proficiency	to be offered in 2009 /S1 & S2	
ELEC4445	Entrepreneurial Engineering	S2	
ELEC4601	Digital and Embedded Systems Design	S2	
ELEC4602	Microelectronic Design and Technology	S2	elec4522 & elec4532
ELEC4603	Solid State Electronics	S1	
ELEC4604	RF Electronics	S1	elec4503
ELEC4611	Power System Equipment	S1	
ELEC4612	Power System Analysis	S2	elec4205
ELEC4613	Electrical Drive Systems	S2	elec4216
ELEC4614	Power Electronics	S1	elec4240
ELEC4621	Advanced Digital Signal Processing	S1	elec4042
ELEC4622	Multimedia Signal Processing	S2	tele4343
ELEC4623	Biomedical Instrumentation, Measurement and Design	S2	elec4483
ELEC4631	Continuous-Time Control System Design	S1	elec4412
ELEC4632	Computer Control Systems	S2	elec4413
ELEC4633	Real-Time Engineering	S1	
ENGG1000	Introduction to Engineering Design & Innovation	S1	
PHTN4661	Optical Circuits and Fibres	S1	phtn4313
PHTN4662	Photonic Networks	S2	phtn4314
TELE3113	Analogue & Digital Communications	S1 & S2	tele3013
TELE3118	Network Technologies	S1	tele3018
TELE3119	Trusted Networks	S2	tele4354
TELE4642	Network Performance	S1	tele4352
TELE4651	Wireless Communication Technologies	S2	tele4333
TELE4652	Mobile and Satellite Communication Systems	S2	tele4353
TELE4653	Digital Modulation and Coding	S1	tele4323
ELEC4120	Thesis A	S1 & S2	(elec4910, elec4914) plus elec4010
ELEC4121	Thesis B	S1 & S2	
PHTN4120	Thesis A	S1 & S2	(elec4910, elec4914) plus elec4010
PHTN4121	Thesis B	S1 & S2	
TELE4120	Thesis A	S1 & S2	(tele4910, tele4914) plus elec4010
TELE4121	Thesis B	S1 & S2	
ELEC4910	Thesis Part A (old)	S1 & S2	For old program students who have done elec4010, but haven't done thesis part A yet
ELEC4911	Thesis Part B (old)	S1 & S2	
TELE4910	Thesis Part A (old)	S1 & S2	For old program students who have done elec4010, but haven't done thesis part A yet
TELE4911	Thesis Part B (old)	S1 & S2	

ELEC3005	Electric Energy 1 (old course)	S1	
ELEC4010	Project Management for Professional Services (old course)	S1	For old program students who have done thesis Part A, but haven't done elec4010 yet
ELEC4011	Ethics and Electrical Engineering Practice (old course)	S2	For old program students only