

B.E.(Electrical & Electronic)

Level IV - 24 units

<i>Term</i>	<i>Subject Area</i>	<i>Catalogue Number</i>	<i>Course Description</i>	<i>Units</i>
Sem I	ELEC ENG	4037	Digital Microelectronics	2.0
Sem I	ELEC ENG	4039A	Honours Project Part 1 <i>or*</i>	
Sem I	ELEC ENG	4036A	Design Project Part 1 *	3.0
Sem I	STATS	4001	Reliability & Quality Control	2.0
Sem I	ELEC ENG	4044	RF Engineering IV	2.0
Sem I	ELEC ENG	4046	Telecommunications IV	2.0
				11.0
Sem II	ELEC ENG	4038	Financial Management for Engineers	2.0
Sem II	ELEC ENG	4040	Management & Professional Practice for Engineers	2.0
Sem II	ELEC ENG	4039B	Honours Project Part 2 <i>or*</i>	
Sem II	ELEC ENG	4036B	Design Project Part 2 *	3.0
Sem II	ELEC ENG	4042	Power Electronics & Drive Systems	2.0
				9.0
Elective courses to the value of at least 4 units				4.0

* *Students accepted into the Honours stream will take Honours Project and other students will take Design Project.*

Electives

<i>Term</i>	<i>Subject Area</i>	<i>Catalogue Number</i>	<i>Course Description</i>	<i>Units</i>
Sem I	ELEC ENG	4035	Communications IV	2.0
Sem I	COMP SCI	3005	Computer Architecture UG	3.0
Sem I	ELEC ENG	4043	Power Quality & Condition Monitoring	2.0
Sem I	ELEC ENG	4045	Signal Processing IV	2.0
Sem I/II	ENG	3003	Engineering Communication EAL*	3.0
Sem I	COMP SCI	3001	Computer Networks and Applications	3.0
Sem II	ELEC ENG	4033	Advanced Telecommunications	2.0
Sem II	ELEC ENG	4049	Analog Microelectronic Systems	3.0
Sem II	ELEC ENG	4041	Optical Communication Engineering	2.0
Sem II	ELEC ENG	4051	Introduction to Electronic Defence Systems	2.0
Sem II	ELEC ENG	4050	Systems Engineering	2.0
Sem II	APP MTH	3016	Telecommunications Systems Modelling III	3.0
Sem II	COMP SCI	3004	Operating Systems	3.0
Sem II	PURE MTH	3018	Coding & Cryptology III	3.0

* *Available only to students whose native language is not English*