

Bachelor of Engineering (Electrical), Part Time Degree							
Year	Semester	Course code	Course title	Contact hours [In person]	Contact hours [Online]	Asynchronous hours	Credits
1	1	EL6001	English for EDICT 1	4	0	0	15
1	1	EN6907	Mathematics For Engineers 1	2	2	2	15
1	1	EN6990	Engineering Practice	4	0	2	15
1	1	EN6000	Electrical Fundamentals	2	2	2	15
1	2	EL6002	English for EDICT 2	4	0	0	15
1	2	EN6914	Mathematics For Engineers 2	2	2	2	15
1	2	EN6903	Mechanical Fundamentals	2	2	0	15
1	2	EN6010	Engineering Computing Fundamentals	4	0	0	15
	Summer Term 1	NR	National Reuirement Courses 15 credits	0	0	4	15
2	1	EN6001	Engineering Computing	4	0	2	15
2	1	EN6080	Alternating Current (AC) Circuit theory	4	0	2	15
2	1	EN7061	Analogue Electronic Circuits	4	0	2	15
2	2	EN6020	Digital Devices and Systems	4	0	2	15
2	2	EN7230	Instrumentation and Automatic Control	4	0	2	15
2	2	EN7000	Applied Signals and Systems	4	0	0	15
2	2	ED7000	Applied Project	0	4	0	15
	Summer Term 2	EN8001	Engineering workplacement				0
3	1	EN7008	Power Electronics	4	0	0	15
3	1	EN7032	Electrical Machines	4	0	1	15
3	1	EE6000	Intro to ESG (Elective)	0	2	0	15
3	1	EN8007	Electronic Circuit Design	4	0	2	15
3	2	EN8151	Low Voltage Electrical Systems	4	0	0	15
3	2	EE6003	Introduction to AI for Engineers (elec)	2	2	0	15
3	2	EN7035	PLC Programming & Applications	6	0	0	30
	Summer Term 3	EN8001	Engineering workplacement				0
4	1	EN8923	Engineering Project Management	0	2	0	10
4	1	EN8033	Electrical Drives	4	0	0	15
4	1	EN8061	Power System	4	2	0	15
4	1	EN8231	Control System Design	4	0	0	15
4	1	EN8913	Project Proposal	1	0	0	5
4	2	EN8905	Energy, Environment and Sustainability	0	4	0	15
4	2	ELEC	Elecive	2	2	0	15
4	2	EN8914	Co-operative Learning Project	1	0	0	30
							480