

ELEC3640

Enrolment Guide for Students Starting in Session 2

	UoC	HPW
Session 2		
MATH1131 – Mathematics 1a	6	6
PHYS1131 – Higher Physics 1a	6	6
Comp1091 – Solving Problems with Software	6	6
ELEC1011 – Electrical Engineering 1	6	6
Total	24	24

Summer Session		
COMP1021 – Computing 1 B	6	4
PHYS1231 – Higher Physics 1b	6	6
MATH1231 – Maths 1b	6	6
Total	18	16

Session 1		
MATH1090 – Discrete Maths	3	3
ELEC1010 – Intro to Electrical Engineering	3	3
MATH2111 – Higher Several Calculus	6	5
PHYS2939 – Electromagnetism	3	3
ELEC2031 – Circuits and Systems	3	3
ELEC1041 – Digital Circuits (Subs. COMP2021)	6	4
Total	24	21

Winter Session		
2 General Education courses*		

Session 2		
ELEC2032 – Electronics and Systems	3	3
ELEC2015 – Electromagnetism Applications	3	3
ELEC2042 – Real Time Instrumentation	3	3
MATH2620 – Higher Complex Analysis	3	3
MATH2859 – Probability, Statistics and Information	3	3
MATH2509 – Linear Algebra for Engineers	3	3
ELEC2041 – Microprocessors and Interfacing (Subs. COMP3221)	6	4
Total	24	22

Summer Session		
2 General Education courses*		
Total	6	6

Stage 3 of the ELEC3640 program should be followed from here on, providing all the courses above are passed.

UoC =Units of Credit - HPW = Hours Per Week

** 12uoc of General Education courses needs to be completed in the ELEC3640 program. If doing summer or winter session, this will replace the General Education courses in either S1 or S2 of the program outlined above.*