Total units for the program: **153 155**

COMPUTER ENGINEERING

LEVEL I — Total units: 37

Course	Description	Units	Course	Description	Units
ENGINEER 1AO0	Safety Training	0	PHYS 1E03	Waves, Electricity and Magnetic Fields	3
CHEM 1E03	General Chemistry for Engineering I	3	ENGINEER 1D04	Engineering Computation	4
PHYS 1DO3	Introductory Mechanics	3	MATH 1ZB3	Engineering Mathematics II-A	3
ENGINEER 1CO3	Engineering Design and Graphics	3	MATH 1ZC3	Engineering Mathematics II-B	3
MATH 1ZA3	Engineering Mathematics I	3	MATLS 1M03	Structure and Properties of Materials	3
ENGINEER 1PO3	Engineering Profession and Practice	3	ELECTIVE	Complementary Studies Elective	3
ELECTIVE	Complementary Studies Elective	3			
	TERM 1 UNITS	**18**		**TERM 2 UNITS**	**19**

LEVEL II — Level II — Total Units: 39

Course	Description	Units	Course	Description	Units
ELECENG 2CI5	Introduction to Electrical Engineering	5	ELECENG 2CJ4	Circuits and Systems	4
COMPENG 2SH4	Principles of Programming	4	ELECENG 2EI5	Electronic Devices and Circuits I	5
COMPENG 2DI4	Logic Design	4	COMPENG 2SI4	Data Struct., Algo. and Discrete Maths	4
MATH 2Z03	Engineering Mathematics III	3	ELECENG 2FL3	Applied Electromagnetics	3
STATS 3Y03	Probability and Statistics for Engineering	3	COMPENG 2DP4	Microprocessor Systems	4
	TERM 1 UNITS	**19**		**TERM 2 UNITS**	**20**

LEVEL III — Total units: 40

Course	Description	Units	Course	Description	Units
COMPENG 3DQ5	Digital Systems Design	5	ELECENG 3TR4	Communications Systems	4
ELECENG 3EJ4	Electronic Devices and Circuits II	4	ELECENG 3CL4	Introduction to Control Systems	4
SFWRENG 3K04	Software Development	4	COMPENG 3SK3	Computer-Aided Engineering	3
ELECENG 3TQ3	Advanced Probability and Random Processes	3	COMPENG 3DR4	Computer Organization	4
ELECENG 3TP3	Signals and Systems	3	ENGINEER 2B03	Engineering Economics	3
			ELECTIVE	Complementary Studies Elective	3
	TERM 1 UNITS	**19**		**TERM 2 UNITS**	**21**

LEVEL IV — Total units: 37 39

Course	Description	Units		Course	Description	Units	
COMPENG 4DK4	Computer Communication Networks	4		COMPENG 4DN4	Advanced Internet Communications	4	
COMPENG 4DM4	Computer Architecture	4		SFWRENG 3SH3	Operating Systems	3	
ENGINEER 4A03	Sustainability and Ethics in Engineering	3		COMPENG 4DS4	Embedded Systems	4	
ELECENG 4OI6	Engineering Design	3		ELECENG 4OI6	Engineering Design	3	
ELECTIVE	ECE Technical Elective**	3	4	ELECTIVE	Fac of Eng Technical Elective	3	4
				ELECTIVE	Complementary Studies Elective	3	
	TERM 1 UNITS	**17**	**18**		**TERM 2 UNITS**	**20**	**21**