



## Program Matrix Form

<b>1. Faculty</b>	Engineering
<b>2. Program</b>	Electrical and Computer Engineering
<b>3. Academic Year</b>	2017-2018

Level	Semester 1			Semester 2		
	Course Code	Course Name	Units	Course Code	Course Name	Units
<b>1</b>	ENGG1013	Engineering Drawing and Computer drafting	1	ELEC1100	Principles of Electrical Circuits	2
	UNIR1000	Communication Skills	2	MATH1100	Calculus & Linear Algebra	2
	MATH1000	Mathematical Foundations	2	ENGG1010	Applied Mechanics	2
	CHEM1020	General Chemistry	2	ENGG1023	Engineering Materials	2
	COMP1500	Introduction to Programming	2	UNIR1001	Oman and Islamic Culture	1
<b>2</b>	ELEC2200	Electrical and Electronic Circuit Analysis	2	ELEC2013	Signals & Systems	2
	ELEC2113	Instrumentation & Measurement	2	ELEC2300	Electrical Energy Conversion & Utilisation	2
	COMP2101	Introduction to Digital Systems	2	COMP2113	Fundamentals of Computer Systems	2
	MATH2100	Calculus & Statistics	2	UNIR2000	Organisational Communications	2
	UNIR2001	Entrepreneurship	2	UNIR1002	Arabic Language Skills	1
<b>3</b>	ELEC3000	Control Systems Engineering	2	ELEC3500	Power Electronics	2
	ELEC3400	Electronic Circuits	2	COMP3300	Microprocessors & Microcontrollers	2
	ELEC3100	Fundamentals of Electromagnetic Fields & Waves	2	COMS3100	Introduction to Communication Systems	2
	ENGG3700	Numerical Analysis & Optimisation	2	UNIR3000	Research Methodology	2
<b>4</b>	ENGG4801A	Thesis Project	2	ENGG4801B	Thesis Project	2
	ELEC4300	Power Systems Analysis	2	ENGG4000	Renewable & Sustainable Energy	2
	COMP4500	Computer Vision & Image Processing	2	COMS4100	Advanced Digital Communication Theory & Systems	2
	COMP4200	Computer Systems Architecture	2	ELEC4000	Embedded Systems Design	2