

Level 100														
No.	Course No.	Course name	Course prerequisite	Distribution of hours per week				Mark					Course Type	course Coordinator
				Lab.	Ex.	Lec.	Credit Hr.	Theoretical	Applied	Year work	Practical	Total		
1	BAS 111	Mathematics 3	BAS 012	0	2	2	3	60	20	20		100	Major Compulsory	Assist. Prof. Hegazi Fathalla
2	ELC 221	Computer Prgramming		2	1	2	3	50	20	20	10	100	Major Compulsory	Assist. Prof. Hesham Sakr
3	ELP 112	Electrical Measurements & Testing	BAS 022	2	1	2	3	50	20	15	15	100	Major Compulsory	Assist. Prof. Warda Mohamed
4	ELP 111	Principles of Electrical Engineering	BAS 022	0	1	2	2	60	20	20		100	Institute Elective	Assist. Prof.Mohamed eid- Assist. Prof. Samy Lashin
5	ELP 115	Electrical Materials	BAS 022	0	2	2	3	60	20	20		100	Major Compulsory	Assist. Prof. Warda Mohamed
6	HUM X73	Recent Egypt's History		0	0	2	2	60	20	20		100	General Elective	Assoc. Prof. Mohamed Shamaa
7	IEN 131	Monitoring & Quality Control Systems		0	0	1	1	60	20	20		100	Institute Compulsory	Assoc. Prof. Mohamed Gamal
				Tot.				17						

Level 200														
No.	Course No.	Course name	Course prerequisite	Distribution of hours per week				Mark					Course Type	course Coordinator
				Lab.	Ex.	Lec.	Credit Hr.	Theoretical	Applied	Year work	Practical	Total		
1	ELE 221	Computer Organization & Architecture	ELC 221	0	2	2	3	50	15	20	15	100	Major Compulsory	Assist. Prof. Hagazi Fathalla
2	ELC 331	Computer Networks	ELC 221	0	2	2	3	60	20	20		100	Major Compulsory	Assist. Prof. Hesham Sakr
3	ELC 251	Modeling & Simulation of Engineering Systems	BAS 111	2	1	2	3	50	20	20	10	100	Major Compulsory	Assoc. Prof. Mohamed Sherif
4	ELP 114	Electrical Circuits 2	ELP 113	2	1	1	2	50	20	20	10	100	Major Compulsory	Prof. Ahmed Refaat
5	HUM111	Technical Report Writing	HUM 013	0	2	1	2	60	20	20		100	Institute Compulsory	Assist. Prof. Mahmoud Eldosoky- Assist. Prof. Samy Lashin
6	BAS 311	Mathematics 5	BAS 211	0	2	2	3	60	20	20		100	Major Compulsory	Assoc. Prof. Eman Zeiada
7	HUM181	Communication & Presentation Skills		0	2	1	2	60	20	20		100	General Elective	Assist. Prof. Ahmed Geiberl
				Tot.				18						

Level 300														
No.	Course No.	Course name	Course prerequisite	Distribution of hours per week				Mark					Course Type	course Coordinator
				Lab.	Ex.	Lec.	Credit Hr.	Theoretical	Applied	Year work	Practical	Total		
1	IEN 351	Engineering Economics		0	1	2	2	60	20	20		100	General Elective	Assist. Prof. Amr Elboghday
2	ELP 361	Power Electronics	ELE 221, ELP 113	1	1	2	3	50	20	20	10	100	Major Compulsory	Prof. Ahmed Refaat
3	ELP 241	Electrical Machines & Transformers	ELP 141- ELP 113	2	1	2	3	50	20	20	10	100	Major Compulsory	Assist. Prof. Mohamed Eid
4	ELE 321	Electronic Circuits	ELE 222	1	2	2	3	50	20	20	10	100	Minor Compulsory	Assist. Prof. Rehab Mahmoud
5	ELE 221	Computer Organization & Architecture	ELC 221	0	2	2	3	50	15	20	15	100	Major Compulsory	Assist. Prof. Hagazi Fathalla
6	ELE 241	Microprocessors & Applications	ELE 221	2	1	2	3	50	20	15	15	100	Major Compulsory	Assoc. Prof. Mohamed Sherif
							Tot.	17						

Level 400														
No.	Course No.	Course name	Course prerequisite	Distribution of hours per week				Mark					Course Type	course Coordinator
				Lab.	Ex.	Lec.	Credit Hr.	Theoretical	Applied	Year work	Practical	Total		
1	ELE 461	Antenna & Wave Propagation	ELP 141	1	1	2	3	50	20	20	10	100	Minor Compulsory	Assist. Prof. Hagazi Fathalla
2	ELE 462	Digital Communication Systems	ELE 361	1	1	2	3	50	20	20	10	100	Minor Compulsory	Assist. Prof. Warda Mohamed
3	ELE 471	Digital Signal Processing	ELE 271	1	1	2	3	50	20	20	10	100	Minor Compulsory	Assist. Prof. Rehab Mahmoud
4	ELC 432	Information Security	ELC 331, ELC 221	0	1	2	3	60	20	20		100	Minor Elective	Assist. Prof. Hesham Sakr
6	HUM352	Human Rights		0	0	1	1	60	20	20		100	General Compulsory	Assist. Prof. Mohamed Ali
7	ELE 491	Project 1		0	2	1	2			50	50	100	Minor Compulsory	Assist. Prof. Warda Mohamed- Assist. Prof. Hesham Sakr Assist. Prof. Hagazi Fathalla
							Tot.	15						