

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	Assis. Prof. Eman Ziada
2	ELC 221	Computer Prgramming		2	1	2	3	50	20	20	10	100	Major Compulsory	Assis. Prof. Mohamed Sabry
3	ELP 112	Electrical Measurements & Testing	BAS 022	2	1	2	3	50	20	15	15	100	Major Compulsory	Assis. Prof. Mohamed Eid
4	ELP 111	Principles of Electrical Engineering	BAS 022	0	1	2	2	60	20	20		100	Institute Elective	Assis. Prof. Samy Lashin
5	ELP 115	Electrical Materials	BAS 022	0	2	2	3	60	20	20		100	Major Compulsory	Assis. Prof. Abcer Tawakol
6	HUM X73	Recent Egypt's History		0	0	2	2	60	20	20		100	General Elective	Assis. Prof. Reyad El refae
7	IEN 131	Monitoring & Quality Control Systems		0	0	1	1	60	20	20		100	Institute Compulsory	Assis. Prof. Mahmoud Elmahroqy
				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	ELC 311	Computer Organization & Architecture	ELC 221	0	2	2	3	60	20	20		100	General Elective	Assoc. Prof. Labib Mohamed
2	ELC 331	Computer Networks	ELC 221	0	2	2	3	60	20	20		100	Major Compulsory	Assoc. Prof. Labib Mohamed
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	Assis. Prof. Hamdy Mahrous
5	HUM111	Technical Report Writing	HUM 013	0	2	1	2	60	20	20		100	Institute Compulsory	Assis. Prof. Samy Lashin
6	BAS 311	Mathematics 5	BAS 211	0	2	2	3	60	20	20		100	Major Compulsory	Assis. Prof. Ayman Gomaa
7	HUM181	Communication & Presentation Skills		0	2	1	2	60	20	20		100		Assis. Prof. Ahmed Geiberl
				Tot.				18						

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<b>Level 300</b>														
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	Prof. Ahmed Yosef
2	ELP 361	Power Electronics	ELE 221, ELP 113	2	1	2	3	50	20	20	10	100	Major Compulsory	Assis. Prof. Hamdy Mahrous
3	ELP 241	Electrical Machines & Transformers	ELP 141- ELP 113	2	1	2	3	50	20	20	10	100	Major Compulsory	Assis. Prof. Mohamed Eid
5	ELE 321	Electronic Circuits	ELE 222	2	1	2	3	50	20	20	10	100	Minor Compulsory	Assis. Prof. Abeer Tawakol
6	ELE 241	Microprocessors & Applications	ELE 221	2	1	2	3	50	20	15	15	100	Major Compulsory	Assoc. Prof. Mohamed Sherif
7	CIW 331	Environmental Impact of Projects	/	0	0	1	1	60	20	20	/	100	Institute Compulsory	Assis. Prof. Ali Al-azaly
8	HUM x71	Introduction to The History of Civilizations	/	0	0	2	2	60	20	20	/	100	General Elective	Assis. Prof. Reyad El refae
				Tot.										
				Tot.										

<b>Level 400</b>														
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	2	1	2	3	50	20	20	10	100	Minor Compulsory	Assis. Prof. Mohamed Ismael
2	ELE 462	Digital Communication Systems	ELE 361	2	1	2	3	50	20	20	10	100	Minor Compulsory	Assis. Prof. Elsaed Marzoq
3	ELE 471	Digital Signal Processing	ELE 271	2	1	2	3	50	20	20	10	100	Minor Compulsory	Assis. Prof. Rehab Mahmoud
5	ELE 464	Information & Coding Theory	ELE 361	0	2	2	3	60	20	20	/	100	Minor Elective	Assis. Prof. Mohamed Ismael
6	ELE 491	Project 1	/	0	2	1	2	/	/	50	50	100	Minor Compulsory	Assis. Prof. Mohamed Ismael- Assis. Prof. Abeer Tawakol
				Tot.										
				Tot.										