

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	ELE 121	Principles of Electronic Engineering		0	1	2	2	60	20	20	10	100	Institute Elective	Assis. Prof. Warda Mohamed
2	ELP 113	Electric Circuit 1	ELP 112	2	1	1	2	50	20	20	10	100	Major Compulsory	Assist. Prof. Samy Lashin-Assis. Prof. Hamdy Mahrous
3	BAS 211	Mathematics 4	BAS 111	0	2	2	3	60	20	20	10	100	Major Compulsory	Assoc. Prof. Eman Ziada
4	BAS 212	Statistics & Probability Theory		0	2	2	3	60	20	20	10	100	Institute Compulsory	Assis. Prof. Hesham Sakr
5	HUM 221	Business Administration		0	0	2	2	60	20	20	10	100	General Elective	Assis. Prof. Mohamed Ali
6	HUM 182	Analysis & Research Skills		0	2	1	2	60	20	20	10	100	General Compulsory	Assis. Prof. Ali Alazaly
7	CIS 111	Principles of Construction & Building Engineering		0	1	2	2	60	20	20	10	100	Institute Elective	Assoc. Prof. Hany Ibrahim
				Tot.				16						

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	ELP 141	Electromagnetic Fields	ELP 114	0	2	2	3	60	20	20	15	100	Institute Compulsory	Assis.Prof. Hegazi Fathalla
2	ELE 221	Digital & Logic Circuits	ELP 114	2	1	2	3	50	20	15	15	100	Major Compulsory	Assis.Prof. Hegazi Fathalla
3	ELE 222	Electronic Devices	ELP 114	2	1	2	3	50	20	15	15	100	Major Compulsory	Assis. Prof. Warda Mohamed
4	ELE 271	Signal Analysis	ELP 114	2	1	2	3	50	20	20	10	100	Major Compulsory	Assis. Prof. Rehab Mahmoud
5	ELP 181	Energy Conversion	ELP 114	0	2	3	3	60	20	20	10	100	Institute Compulsory	Prof. Ahmed Refaat- Prof. Gamal Elsaced
6	HUM X72	Trends in Contemporary Arts		0	0	2	2	60	20	20	10	100	General Elective	Assis. Prof. Abdallah Kormod
				Tot.				17						

Head of Department

Assist. Prof. Hegazi Fathallah

Institute dean

Prof. Mahmoud Elbaz

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	ELC 361	Automatic Control	ELC 251	2	1	2	3	50	20	20	10	100	Major Compulsory	Assoc. Prof. Mohamed Sherif
2	ELE 322	Electronics Engineering	ELE 222	2	1	2	3	50	20	20	10	100	Major Compulsory	Assist. Prof. Esam Abdellatif
3	ELE 361	Electrical Communications	ELE 271	2	1	2	3	50	20	20	10	100	Major Compulsory	Assis. Prof. Hesham Sakr
4	IEN 314	Project Management		0	1	2	2	60	20	20		100	Institute Compulsory	Assoc. Prof. Hany Ibrahim
5	ELE 471	Digital Signal Processing	ELE 271	1	1	2	3	50	20	20	10	100	Minor Compulsory	Assist. Prof. Rehab Mahmoud
6	ELE 453	Microwave Engineering	ELP 141	0	2	2	3	60	20	20	0	100	Minor Elective	Assist. Prof. Basma Mohamed
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 463	Mobile Communications	ELE 361	0	2	2	3	60	20	20		100	Minor Compulsory	Assis. Prof. Hesham Sakr
2	ELE 411	Integrated Circuits Design	ELE 321	2	1	2	3	50	20	20	10	100	Minor Compulsory	Assis. Prof. Mohamed Ismael
3	ELE 465	Optical communication	ELE 361	2	1	2	3	50	20	20	10	100	Minor Elective	Assist. Prof. Shaimaa Atia
4	ELE 492	Project 2	ELE 491	4	4	0	4			50	50	100	Minor Compulsory	Assis.Prof. Hegazi Fathalla- Assis.Prof. Warda Mohamed- Assis.Prof. Hesham Sakr
Tot.							13							

Head of Departement

Assist. Prof. Hegazi Fathallah

Institute dean

Prof. Mahmoud Elbaz