

Electrical Engineering Department - Faculty of Engineering - Pharos University in Alexandria





						**	Vicenday VI 1985
Semester	Code	Course	Pre-requisites	Credit Hours	Lectures	Tutorials	Practical
	EB 101	Engineering Mathematics (1)	None	3	2.	2	1
1	EB 111		None None	3	3	1	0
	EB 121	Engineering Mechanics (1)		3	2	1	2
		Engineering Physics (1)	None				
	EB 141	Engineering Drawing & Descriptive Geometry (1)	None	3	2	3	0
	UEC 01E	Computer Skills & Programming Concepts (1)	None	2	1	1	2
	HU 121	Engineering Perspectives and Technology	None	2	1	0	2
18 Cr	EB 131	General Chemistry	None	2	1	1	2
2	EB 102	Engineering Mathematics (2)	EB 101	3	2	2	1
	EB 112	Engineering Mechanics (2)	EB 111	3	3	1	0
	EB 122	Engineering Physics (2)	EB 121	3	2	1	2
	EB 142	Engineering Drawing & Descriptive Geometry (2)	EB 141	2	1	2	1
	UCS 01	Communication Skills (1)	None	1	0	0	2
	UEC 02E	Computer Skills & Programming Concepts (2)	UEC 01E	2	1	1	2
18 Cr 3	UGE 01	English Language (1)	None	2	1	0	2
	EM 170	Introduction to Manufacturing Processes	None	2	1	1	2
	EB 103 EB 123	Engineering Mathematics (3) Modern Physics	EB 102 EB 122	3	2 2	2 2	1
	EC 201	Computer Programming	UEC 02E	3	2	1	2
	EE 271	Energy Systems	None	3	2	2	1
	EE 291	Electric Circuits	EB 102 & EB 122	4	3	2	1
18 Cr	HU 113	Technical Reports Writing and Presentations	None	2	1	0	2
4 18 Cr	EB 104	Linear Algebra Engineering Methometics (4)	EB 102	3	2 2	2 2	1
	EB 204 EE 202	Engineering Mathematics (4) Digital Logic Fundamentals	EB 103 UEC 02E	3	2	2	1
	EE 202	Electronics Workshop	None	1	0	0	3
	EE 213	Introduction to Electronic Circuits	EB 122 & EE 291	3	2	2	1
	EE 293	Electrical Measurements and Instrumentation (1)	EE 291	3	2	2	1
	UGE 02	English Language (2)	UGE 01	2 4	1 3	0	2
	EB 207 EE 203	Numerical Analysis using MATLAB Introduction to Microprocessors	EB 102 EE 202	3	2	1 2	1
5	EE 224	Micro-Electronic Devices & Circuits	EE 213	3	2	2	1
	EE 241	Signals and Systems	EB 204	3	2	2	1
	EE 260	Electromagnetic Fields	EB 204 & EB 122	3	2	2	1
	HU 131 OR HU 132	HU Elective (1): Project Management OR Accounting and Cost for Engineering					
		OR Accounting and Cost for Engineering OR Engineering Economy	None	2	2	1	0
18 Cr	OR HU 135	OR Sales, Marketing and Communications Techniques					
	EB 205	Probabilities and Random Variables	EB 204	3	3	1	0
6 18 Cr	EE 261	Electromagnetic Waves & Transmission Media	EE 260	3	2	2	1
	EE 251	Analog Communications	EE 241	3	2	2	1
	EE 225 EE 228	Solid State Electronics Analog Integrated Circuits	EE 213 EE 224	3	2 2	2 2	1
	EB 206	Special Functions	EB 204	3	3	1	0
	EE 262	Microwave Engineering	EE 261	3	2	2	1
7 17 Cr	EE 290	Control Systems (1)	EB 204 & EE 291	3	2	2	1
	EE 252	Communications Laboratory	EE 251 EE 251	3	2	2	3
	EE 255 EM 237	Digital Communications (1) Thermofluids for Electrical Engineering Students	EB 112 & EB 122	4	3	2	1
	EE 342	Digital Signal Processing	EE 241 & EB 205	3	2	2	1
	EE 385	Electrical Power and Machines	EE 271 & EE 291	4	3	2	1
	EE 304	Microprocessor Based System Design	EE 202 & EE 203	3	2	2	1
8	EE 256 EE 363	Digital Communications (2) Microwave Measurements and Laboratory	EE 255 EE 262	2	2	0	1 4
17 Cr	EE 364	Antenna Theory and Design	EE 262	3	2	2	1
	UGA 03	Professional Communication in Arabic Language	None	2	2	0	0
	UGE 03	English Language (3)	UGE 02	2	1	0	2
9	EE 350	Communication Systems	EE 255	4	3	2	1
	EE 367 EE 206	Elective (1): Fundamentals of Acoustics Elective (2): Microprocessor Interfacing	EE 251 & EE 261 EE 203	3	2	2	1
	OR EE 221	OR Microwave Devices	OR EE 262				İ
	OR EE 226	OR Integrated Circuit Devices	OR EE 225	3	2	2	1
	OR EE 316	OR Optical Electronics	OR EE 228				
	OR EE 338	OR Digital Integrated Circuits	OR EE 228				1
	EE 325 OR EE 346	Elective (3): Introduction to Computer Networks OR Introduction to Computer Vision	EE 255 OR EE 241				İ
	OR EE 346 OR EE 347	OR Applications of Artificial Intelligence in Communications	OR EE 241 OR EE 241	3	2	2	1
		OR Data Communication Networks	OR EE 255	l -	1	-	1
	OR EE 359	OR Error Correcting Codes	OR EE 256	<u> </u>	<u> </u>	<u> </u>	<u> </u>
19 Cr	EE 400-1	Graduation Project (1)	Dept. Approval	4	3	2	2
10	EE 344	Elective (4): Digital Filters	EE 241				1 -
	OR EE 345 OR EE 357	OR Digital Image Processing OR Multimedia Communication Systems	OR EE 241	3	2	2	1
	OR EE 357 OR EE 358	OR Multimedia Communication Systems OR Information Theory	OR EE 256 OR EE 256				İ
	EE 387	Elective (5): Microprocessor Based Process Control	EE 390	3			1
	OR EE 389	OR PLC Applications in Industry	OR EE 203 & EE 290		2	2	
	OR EE 390	OR Control Systems (2)	OR EE 290				
	OR EE 391	OR Digital Control Systems OR Fuzzy Logic Control	OR EE 290				1
	OR EE 397 EE 354	OR Fuzzy Logic Control Mobile Communication Systems	OR EE 203 & EE 290 EE 255	3	2	2	1
	HU 141	HU Elective (2): Ethics and Human Rights		1	2	0	0
	OR HU 142	OR Legislations and Contracts	None	2	2	1	0
	OR HU 143	OR Principles of Law	I	<u> </u>	2	0	0
	OR HU 144 UCS 02	OR Communication Laws and Rules Communication Skills (2)	UCS 01	1	0	0	2
16 Cr	EE 400-2	Graduation Project (2)	EE 400-1	4	3	2	2
	177 Cm	9					<u> </u>