



First Year					
First Semester			Second Semester		
Course No.	Course Title	Cr. Hrs.	Course No.	Course Title	Cr. Hrs.
20132	Calculus (1)	3	11103	Structured Programming	3
20140	Basic Concepts in Chemistry	1	11151	Structured ProgrammingLab	1
20141	Physics (1)	3	20133	Calculus (2)	3
31122	English Language Communication Skills	3	20142	Physics (2)	3
31151	National Education	3	20150	Physics Lab	1
31160	Leadership and Societal Responsibility	0	31112	Arabic Language Communication Skills	3
		Total		Elective University Requirements	3
		13			Total
					17

Second Year					
First Semester			Second Semester		
Course No.	Course Title	Cr. Hrs.	Course No.	Course Title	Cr. Hrs.
20200	Technical Writing and Communication Skills	3	20234	Linear Algebra	3
20231	Calculus (3)	3	21222	Electric Circuits (2)	3
20232	Engineering Mathematics(1)	3	21229	Electric Circuits Lab	1
21218	Engineering Drawing Lab	1	21231	Electronics (1)	3
21219	Engineering Workshop	1	22241	Digital Logic Design	3
21221	Electric Circuits (1)	3	31251	Military Science	3
		Total			Total
		14			16

Third Year					
First Semester			Second Semester		
Course No.	Course Title	Cr. Hrs.	Course No.	Course Title	Cr. Hrs.
20331	Engineering Mathematics(2)	3	20333	Numerical Analysis	3
21331	Electronics (2)	3	20335	Applied Probability and Statistics	3
21338	Electronics Lab	1	21332	Digital Electronics	3
23351	Signals and Systems	3	21339	Digital Electronics Lab	1
23356	Programming Applications in Signals & Systems Lab	1	22348	Digital Logic Lab	1
24322	Instruments and Measurements	3	23321	Electromagnetics (1)	3
24329	Instruments and Measurements Lab	1	23357	Communications (1)	3
		Total			Total
		15			17

Fourth Year					
First Semester			Second Semester		
Course No.	Course Title	Cr. Hrs.	Course No.	Course Title	Cr. Hrs.
22442	Embedded Systems	3	21431	Communication Electronics	3
24361	Electric Machines (1)	3	21432	Optical Electronics	3
24471	Automatic Control	3	21439	Communication Electronics Lab	1
24479	Automatic Control Lab	1	23411	Engineering Economics	3
31254	Entrepreneurship and Innovation	3	23452	Communications (2)	3
	Elective University Requirements	3	23459	Communications Lab	1
		Total	24411	Engineering Ethics	1
		16			Total
					15



Fifth Year					
First Semester			Second Semester		
Course No.	Course Title	Cr. Hrs.	Course No.	Course Title	Cr. Hrs.
21531	VLSI Circuits	3	21592	Senior Project (2)	2
21572	Industrial Electronics	3	24467	Power Electronics	3
21574	Medical Electronics	3	31374	Life Skills	3
21579	Industrial Electronics Lab	1		Elective Program Requirements	6
21591	Senior Project (1)	1		Elective University Requirements	3
23571	Digital Signal Processing	3			
	Elective Program Requirements	3			
				Total	17
		Total			
		17			