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 Programming Lab	1
20141	Physics (1)	3	20133	Calculus (2)	3
31111	Arabic Language	3	20134	Discrete Mathematics (1)	3
31151	National Education	3	20142	Physics (2)	3
31153	Introduction to Society, Technology and Environment Protection	0	20150	Physics Lab	1
	Elective University Requirements (General)	3	31121	English Language	3
	Total	**16**		**Total**	**17**

Second Year

First Semester			Second Semester		
Course No.	Course Title	Cr. Hrs.	Course No.	Course Title	Cr. Hrs.
11206	Object Oriented Programming	3	11212	Data Structures and Introduction to Algorithms	3
11253	Object Oriented Programming Lab	1	20200	Technical Writing and Communication Skills	3
20231	Calculus (3)	3	20234	Linear Algebra	3
20232	Engineering Mathematics(1)	3	21219	Engineering Workshop	1
21218	Engineering Drawing Lab	1	21222	Electric Circuits (2)	3
21221	Electric Circuits (1)	3	21231	Electronics (1)	3
22241	Digital Logic Design	3		**Total**	**16**
	Total	**17**			

Third Year

First Semester			Second Semester		
Course No.	Course Title	Cr. Hrs.	Course No.	Course Title	Cr. Hrs.
11323	Database Systems	3	20333	Numerical Analysis	3
21332	Digital Electronics	3	20335	Applied Probability and Statistics	3
23351	Signals and Systems	3	22348	Digital Logic Lab	1
23356	Programming Applications in Signals & Systems Lab	1	23355	Communication Principles	3
25330	Information Security Fundamentals	3	25347	Cryptography	3
	Elective University Requirements (Scientific, Practical)	3	31251	Military Science	3
	Total	**16**		**Total**	**16**

Fourth Year

First Semester			Second Semester		
Course No.	Course Title	Cr. Hrs.	Course No.	Course Title	Cr. Hrs.
22442	Embedded Systems	3	22448	Embedded Systems Lab	1
22443	Computer Networks	3	22449	Computer Networks Lab	1
22460	Operating Systems and Security	3	22560	Network Programming and Applications	3
22461	Operating Systems and Security Lab	1	24471	Automatic Control	3
24411	Engineering Ethics	1	24479	Automatic Control Lab	1
	Elective University Requirements (General)	3	25420	Networks Security	3
	Total	**14**	25441	Wireless Networks	3
				Total	**15**

Fifth Year							
First Semester				Second Semester			
Course No.	Course Title	Cr. Hrs.		Course No.	Course Title	Cr. Hrs.	
25445	Wireless Networks Lab	1		23411	Engineering Economics	3	
25520	Penetration Testing	3		25543	Intrusion Detection & Network Forensics	3	
25545	Network Security Lab	1		25549	Ethical Hacking Techniques Lab	1	
25591	Senior Project (1)	1		25592	Senior Project (2)	2	
	Elective Program Requirements	3			Elective Program Requirements	6	
	Elective University Requirements (Scientific, Practical)	6			**Total**	**15**	
	Total	**15**					