



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
20141	Physics (1)	3	11151	Structured ProgrammingLab	1
20148	Physics (1) Lab	1	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	20149	Physics (2) Lab	1
	Elective University Requirements (General)	3	31121	English Language	3
		Total			17
		16			

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	11240	Web Site Development Programming	3
20231	Calculus (3)	3	20200	Technical Writing and Communication Skills	3
20232	Engineering Mathematics(1)	3	20331	Engineering Mathematics(2)	3
21218	Engineering Drawing Lab	1	21219	Engineering Workshop	1
22241	Digital Logic Design	3	21232	Digital Electronics Fundamentals	3
24223	Electric Circuits	3			Total
		Total			16
		17			

Third Year					
First Semester			Second Semester		
Course No.	Course Title	Cr. Hrs.	Course No.	Course Title	Cr. Hrs.
11335	Operating Systems	3	11323	Database Systems	3
11355	Operating Systems Lab	1	22444	Computer Architecture & Organization (1)	3
20234	Linear Algebra	3	22448	Embedded Systems Lab	1
20334	Applied Probability	3	25341	Telecommunications and Computer Networks	3
22340	Microprocessors & Embedded Systems	3	25347	Cryptography	3
22348	Digital Logic Lab	1	31251	Military Science	3
23354	Data Communications	3			Total
		Total			16
		17			

Fourth Year					
First Semester			Second Semester		
Course No.	Course Title	Cr. Hrs.	Course No.	Course Title	Cr. Hrs.
11437	Network Programming	3	11465	Operating System Security	3
25441	Wireless Networks	3	11466	Secure Software Development	3
25443	Information and Networks Security Fundamentals	3	11469	Secure Software Development Lab	1
25446	Network Protocols	3	24411	Engineering Ethics	1
25447	Telecommunications and computer Networks Lab	1	25444	Wireless Networks Security	3
	Elective University Requirements (Scientific, Practical)	3	25445	Wireless Networks Lab	1
		Total	32431	Engineering Economics	3
		16			Total
					15



Fifth Year					
First Semester			Second Semester		
Course No.	Course Title	Cr. Hrs.	Course No.	Course Title	Cr. Hrs.
25543	Intrusion Detection & Network Forensics	3	25542	Cyber Laws	3
25545	Network Security Lab	1	25549	Ethical Hacking Techniques Lab	1
25581	Information Systems Security Assessment	1	25592	Senior Project (2)	2
25591	Senior Project (1)	1		Elective Program Requirements	3
	Elective Program Requirements	3		Elective University Requirements (General)	3
	Elective University Requirements (Scientific, Practical)	3		Elective University Requirements (Scientific, Practical)	3
		Total			Total
		12			15