



First Year (29 CH)										Total CH	
First Semester					Second Semester						
Course No	Course Title	Prerequisite	L	CH	Course No	Course Title	Prerequisite	L	CH		
103101	Calculus (1)			3	103250	Discrete Mathematics (1)	103101		3		
601104	Information Technology Fundamentals		*+	3	9xxxxx	General Elective (1)			3		
603101	Introduction to Web Design	P.T / 9601099	*+	3	601111	Programming Language (1)	601104	*+	3		
9400100	National Education			3	605161	Introduction to Data Communication & Networking	603101+601104		3		
9400108	Life Skills			2	9400123	Communication Skills in English (1)	P.T / 9402099		3		
Total					Total					15	29

Second Year (34CH)										Total CH	
First Semester					Second Semester						
Course No	Course Title	Prerequisite	L	CH	Course No	Course Title	Prerequisite	L	CH		
103231	Principles of Statistics	103101		3	103373	Numerical Analysis (1)	103250		3		
402201	Communication Skills for IT	9400123		3	601213	Visual Programming	601212	+	3		
601212	Programming Language (2)	601111	*+	3	601221	Data Structures	601212+103250	*	3		
601241	Computer Logic Design	601104+ 103250	*	3	601281	Database(1)	601212	*	3		
9300105	Enterprenureship and Innovation			2	605264	Information& Network Security	605161	+	3		
9400113	Communication Skills in Arabic (1)	9401099 / P.T.		3	9400107	Leadership and social responsibility			2		
Total					Total					17	63

Third Year (36 CH)										Total CH	
First Semester					Second Semester						
Course No	Course Title	Prerequisite	L	CH	Course No	Course Title	Prerequisite	L	CH		
601315	Internet Programming	601213+603101	*+	3	603392	Software Engineering	601315+ 603391		3		
601325	Algorithms Design & Analysis	601221		3	603395	Software Testing	603391	+	3		
601343	Computer Organization & Architecture	601241	+	3	603396	IT Project Management	603391	+	3		
603385	Database Administration	601281	+	3	603492	Advanced Software Engineering	603391		3		
603391	Systems Analysis & Design	601281+601221		3	9400109	Military Science			3		
6xxxxx	Department Elective (1)			3	9xxxxx	General Elective (2)			3		
Total					Total					18	99

Fourth Year (34 CH)										Total CH	
First Semester					Second Semester						
Course No	Course Title	Prerequisite	L	CH	Course No	Course Title	Prerequisite	L	CH		
601432	Operating Systems	601325+601343		3	603405	Software Architecture & Design	603404		3		
603400	Field Training	Dept. Approval +603392		3	603460	Professional Ethics for Information Technology	603391		1		
603404	Requirements Engineering and Specification	603392		3	603485	Graduation Project (2)	603480		3		
603406	Software Development & Documentation	603392		3	603490	Quality Management & Process Improvement	603396		3		
603480	Graduation Project (1)	402201 +603392		3	6xxxxx	Department Elective (3)			3		
9601000	Community Service			0		Free Requirement			3		
6xxxxx	Department Elective (2)			3	Total					16	133

Total Credit Hours: 133