

SOFTWARE ENGINEERING DEPARTMENT						
PROGRAM 2008-09-10						
FIRST YEAR						
1st Semester						
Course Code	Course	TOTAL	T	U	K	AKTS
TDB101	Turkish Language -I	2	2	0	2	
YDB111	Developing Listening and Speaking Skills	4	0	4	2	
BEB111E	Social Responsibility and Ethichs-I	2	0	2	1	
KIM101E	General Chemistry	5	3	2	4	
MAT111E	Calculus I	6	4	2	5	
FIZ111E	Physics I	5	3	2	4	
SEN101	Intro. To Information Technology	3	3	0	3	
SEN103	Algorithms and Computer Programming	3	3	0	3	
Total Credits		30	18	12	24	
2nd Semester						
Course Code	Course	TOTAL	T	U	K	
TDB102	Turkish Language -II	2	2	0	2	
YDB102	Developing Reading and Writing Skills	4	0	4	2	
BEB112E	Social Responsibility and Ethichs-II	2	0	2	1	
SEN102	Software Applications	3	3	0	3	
SEN104	Advanced Programming	3	3	0	3	
MAT112E	Calculus II	6	4	2	5	
MAT214E	Linear Algebra	3	3	0	3	
FIZ112E	Physics II	3	3	0	3	
Total Credits		26	18	8	22	
SECOND YEAR						
3rd Semester						
Course Code	Course	TOTAL	T	U	K	
SEN201	Fundamentals of Software Engineering	3	3	0	3	
SEN203	Visual Programming	3	3	0	3	
AIB101	Atatürk Principles and History of Turkish Reforms-I	2	2	0	2	
IST222E	Probability and Statistics	4	2	2	3	5
COM201	Data Structures	5	3	2	4	
COM315	Internet Programming	4	2	2	3	
IIS109	Introduction to Economics-I	3	3	0	3	5
Total Credits		24	18	6	21	
4th Semester						
Course Code	Course	TOTAL	T	U	K	

SEN202	Object Oriented Programming	3	3	0	3	
SEN204	File Structures and Organization	4	2	2	3	
SEN206	Interpersonal Communication	3	3	0	3	
AIB102	Atatürk Principles and History of Turkish Reforms-II	2	2	0	2	
COM401	Info. Sys: Analysis & Design	3	3	0	3	
EEE333	Digital Design	5	3	2	4	
COM204	Analysis of Algorithms	3	3	0	3	
Total Credits		23	19	4	21	
THIRD YEAR						
5th Semester						
Course Code	Course	TOTAL	T	U	K	
SEN301	Software Requirements Analysis and Design	3	3	0	3	
SEN305	Project Planning and Management	3	3	0	3	
SEN303	SE Student Project I - Seminar I	3	1	2	2	
COM301	Operating Systems	5	3	2	4	
COM303	Database Systems	5	3	2	4	
COM302	Computer Organization	3	3	0	3	
IIS205	Business Management	3	3	0	3	
Total Credits		25	19	6	22	
6th Semester						
Course Code	Course	TOTAL	T	U	K	
SEN302	Software Quality and Standards	5	3	2	4	
SEN304	SE Student Project II - Seminar II	3	1	2	2	
SEN306	Artificial Intelligence	3	3	0	3	
COM405	Computer Networks	3	3	0	3	
COM402	Microprocessors	5	3	2	4	
YDB 222	Business English	3	3	0	3	
Total Credits		22	16	6	19	
FORTH YEAR						
7th Semester						
Course Code	Course	TOTAL	T	U	K	
SEN401	Software Engineering Applications	6	2	4	4	
	Technical Elective I	3	3	0	3	
	Technical Elective II	3	3	0	3	
	Technical Elective III	3	3	0	3	
	Non Technical Elective	3	3	0	3	
IIS204	Human Resources Management	3	3	0	3	
Total Credits		21	17	4	19	

8th Semester		TOTAL	T	U	K	
Course Code	Course					
SEN402	Software Eng. Graduation Project	12	0	12	6	
	Technical Elective IV	3	3	0	3	
	Technical Elective V	3	3	0	3	
	Technical Elective VI	3	3	0	3	
IIS210	Marketing Principles	3	3	0	3	5
Total Credits		24	12	12	18	
Total credits		171	119	52	145	