



DEPARTMENT OF COMPUTER ENGINEERING

FIRST SEMESTER			T	U	L	Y	E
CSE	101	Computer Engineering Concepts & Algorithms	3	0	2	4	7
PHYS	101	Physics I	3	0	2	4	6
MATH	131	Calculus I	3	2	0	4	6
GBE	113	Fundamental Biology	3	0	2	4	6
RE	XX1	Restricted Elective I (Academic English)*	3	0	0	3	5
* AFE 131, AFEA 111							19 30

SECOND SEMESTER			T	U	L	Y	E
CSE	114	Fundamentals of Computer Programming	3	1	2	5	6
PHYS	102	Physics II	3	0	2	4	6
MATH	132	Calculus II	3	2	0	4	6
MATH	154	Discrete Mathematics	2	2	0	3	7
RE	XX2	Restricted Elective II (Academic English)*	3	0	0	3	5
* AFE 132, AFEA 112, ES 176							19 30

THIRD SEMESTER			T	U	L	Y	E
CSE	211	Data Structures	3	0	2	4	6
CSE	221	Principles of Logic Design	3	0	2	4	6
EE	211	Electrical Circuits	3	0	2	4	7
MATH	221	Linear Algebra	2	2	0	3	6
HUM	103	Humanities	2	0	0	2	3
TKL	201	Turkish Language I	2	0	0	2	2
							19 30

FOURTH SEMESTER			T	U	L	Y	E
CSE	212	Software Development Methodologies	2	0	2	3	5
CSE	224	Introduction to Digital Systems	3	0	2	4	6
CSE	232	Systems Programming	2	1	1	3	6
MATH	241	Differential Equations	3	2	0	4	6
MATH	281	Probability	2	2	0	3	5
TKL	202	Turkish Language II	2	0	0	2	2
							19 30

FIFTH SEMESTER			T	U	L	Y	E
CSE	311	Analysis of Algorithms	3	2	0	4	6
CSE	323	Computer Organization	3	0	0	3	6
CSE	341	File Organization	2	0	2	3	5
CSE	351	Programming Languages	2	0	2	3	6
ES	224	Signals and Systems	2	2	0	3	5
HTR	301	History of Turkish Revolution I	2	0	0	2	2
							18 30

SIXTH SEMESTER			T	U	L	Y	E
CSE	331	Operating Systems Design	3	0	2	4	6
CSE	344	Software Engineering	3	0	0	3	6
CSE	348	Database Management Systems	2	0	2	3	5
CSE	354	Automata Theory & Formal Languages	3	0	0	3	6
FE	XX1	Free Elective I	3	0	0	3	5
HTR	302	History of Turkish Revolution II	2	0	0	2	2
							18 30

SEVENTH SEMESTER			T	U	L	Y	E
CSE	471	Data Communications & Computer Networks	3	0	2	4	6
RE	XX3	Restricted Area Elective III (DE)	3	0	0	3	5
RE	XX4	Restricted Area Elective IV (DE)	3	0	0	3	5
RE	XX5	Restricted Elective V (Engineering)*	3	0	0	3	4
CSE	400	Summer Practice	0	2	0	0	5
FE	XX2	Free Elective II	3	0	0	3	5
* ES 301, ECON 294, ES 272							16 30

EIGHTH SEMESTER			T	U	L	Y	E
CSE	492	Engineering Project	1	0	4	3	10
RE	XX6	Restricted Area Elective VI (DE)	3	0	0	3	5
RE	XX7	Restricted Area Elective VII	3	0	0	3	5
RE	XX8	Restricted Area Elective VIII	3	0	0	3	5
FE	XX3	Free Elective III	3	0	0	3	5
							15 30

Minimum Degree Requirements

Credits	143
ECTS	240
Number of Courses	44
Number of Summer Practices	1