

DEPARTMENT OF COMPUTER ENGINEERING

2014-2015 ACADEMIC YEAR

1. Semester

Course Code	Course Name	Lecture	Lab Hour	Credit	ECTS
PHYS 101	General Physics I	3	2	4	6
MATH 151	Calculus I	4	2	5	7.5
ENG 101	English Communication Skills I	2	4	4	4.5
COMPE 100	Fundamentals of Computer Engineering	1	2	2	2
COMPE 113	Computer Programming I	2	2	3	4
CHEM 102	General Chemistry	3	2	4	6
Total		15	12	22	30

2. Semester

Course Code	Course Name	Lecture	Lab Hour	Credit	ECTS
PHYS 102	General Physics II	3	2	4	6
MATH 152	Calculus II	4	2	5	7.5
ENG 102	English Communication Skills II	2	2	3	4
EE 134	Circuit Analysis	2	2	3	5
COMPE 114	Computer Programming II	3	2	4	7.5
Total		14	10	19	30

3. Semester

Course Code	Course Name	Lecture	Lab Hour	Credit	ECTS
MATH 275	Linear Algebra	4	0	4	6
ENG 201	Advanced Communication Skills	1	2	2	3
EE 235	Digital Electronics	3	2	4	4.5
COMPE 251	Discrete Computational Structures	3	0	3	5
COMPE 231	Digital Circuits and Systems	3	2	4	6
COMPE 225	Object Oriented Programming	3	2	4	5.5
Total		17	8	21	30

4. Semester

Course Code	Course Name	Lecture	Lab Hour	Credit	ECTS
MATH 276	Differential Equations	4	0	4	6
IE 220	Probability and Statistics	3	0	3	5
ENG 204	Report Writing Skills	2	0	2	3
COMPE 236	Introduction to Microprocessors and Microcontrollers	3	2	4	5.5
COMPE 226	Data Structures	3	0	3	5.5
NT	Social Elective	3	0	3	5
Total		18	2	19	30

5. Semester

Course Code	Course Name	Lecture	Lab Hour	Credit	ECTS
TURK 101	Turkish Language I	2	0	2	2
COMPE 399	Summer Practice I	0	0	0	4
COMPE 341	Database Design and Management	3	2	4	5
COMPE 331	Computer Architecture and Organization	3	0	3	5
COMPE 325	Study of Programming Languages	3	0	3	4.5
COMPE 323	Algorithms	3	0	3	4.5
TE	Technical Elective	3	0	3	5
Total		17	2	18	30

6. Semester

Course Code	Course Name	Lecture	Lab Hour	Credit	ECTS
TURK 102	Turkish Language II	2	0	2	2
IE 305	Engineering Economic Analysis	3	0	3	5
COMPE 350	Numerical Methods	2	2	3	5.5
SE 346	Software Engineering	2	2	3	6
COMPE 326	Formal Languages And Automata	3	0	3	6.5
COMPE 334	Computer Networks	3	2	4	5
Total		16	2	18	30

7. Semester

Course Code	Course Name	Lecture	Lab Hour	Credit	ECTS
HIST 101	Principles of Atatürk and the History of Turkish Revolution I	2	0	2	2
COMPE 499	Summer Practice II	0	0	0	6
COMPE 493	Project Orientation	2	0	2	3
COMPE 431	Operating Systems	3	2	4	4
TE	Technical Elective	3	0	3	5
TE	Technical Elective	3	0	3	5
NT	Social Elective	3	0	3	5
Total		16	2	17	30

8. Semester

Course Code	Course Name	Lecture	Lab Hour	Credit	ECTS
ORY 400	Social and Cultural Activites	0	0	0	1
HIST 102	Principles of Atatürk and History of Turkish Revolution II	2	0	2	2
COMPE 494	Senior Project	4	0	4	12
TE	Technical Elective	3	0	3	5
TE	Technical Elective	3	0	3	5
TE	Technical Elective	3	0	3	5
Total		12	6	15	30

Curriculum Total				149	240
-------------------------	--	--	--	------------	------------