

EE - 2022						
Semester 1						
Code	Course Title	C	P	L	Cr	ECTS
ENG 101	English for Academic Purposes	2	2	0	3	5
LIBE110	Critical Perspectives on Humanity	3	0	0	3	5
PHYS 101	General Physics I	3	0	2	4	6
MATH 101	Calculus of One Variable	3	2	0	4	7
TUR 101/150	Turkish I/Turkish for Foreigners I	2	0	0	2	2
TEDU 101	First Year Experience at TEDU	0	0	0	0	1
LIBE 120	Foundations and Frontiers of Science	3	0	0	3	5
	Semester Credits Total	16	4	2	19	31
Semester 2						
Code	Course Title	C	P	L	Cr	ECTS
ENG 102	Expository Writing	2	2	0	3	5
MATH 102	Multivariable Calculus	3	2	0	4	7
TUR 102/160	Turkish II/Turkish for Foreigners II	2	0	0	2	2
CHEM 100	General Chemistry	3	0	0	3	5
CMPE 113	Fundamentals of Programming I	2	0	2	3	5
LIBE 140	Social and Political Studies	3	0	0	3	5
TEDU102	Service Learning	1	0	0	1	1
	Semester Credits Total	16	4	2	19	30
Semester 3						
Code	Course Title	C	P	L	Cr	ECTS
CMPE 114	Fundamentals of Programming II	2	0	2	3	6
EE 201	Circuit Theory I	3	0	2	4	8
LIBE 130	Art and Design	3	0	0	3	5
MATH 203	Linear Algebra and Differential Equations	3	0	0	3	5
PHYS 102	General Physics II	3	0	2	4	6
	Semester Credits	14	0	6	17	30
Semester 4						
Code	Course Title	C	P	L	Cr	ECTS
EE 202	Circuit Theory II	3	0	2	4	8
EE 222	Digital Logic Design	2	0	2	3	6
EE 252	Microelectronic Devices and Circuits	3	0	0	3	5
MATH 204	Vector and Complex Calculus	3	0	0	3	5
MATH 250	Discrete Mathematics for Engineering	3	0	0	3	5
	Semester Credits	14	0	4	16	29
Semester 5						
Code	Course Title	C	P	L	Cr	ECTS
EE 301	Introduction to MATLAB Programming	0	0	3	1	4

EE 311	Signals and Systems	3	0	0	3	5
EE 341	Electromagnetic Theory I	3	0	0	3	5
EE 351	Analog Circuit Design	3	0	2	4	8
EE 361	Electromechanical Energy Conversion	2	0	2	3	5
EE 399	Summer Practice I	1	0	0	1	4
	Semester Credits	12	0	7	15	31
Semester 6						
Code	Course Title	C	P	L	Cr	ECTS
EE 304	Probability and Random Variables	3	0	0	3	5
EE 312	Communication Systems I	3	0	0	3	5
EE 332	Feedback Control Systems	3	0	0	3	5
EE 342	Electromagnetic Theory II	3	0	0	3	5
LIBE 150	World Literature	3	0	0	3	5
MATH 310	Numerical Methods in Engineering	2	0	2	3	5
	Semester Credits	17	0	2	18	30
Semester 7						
Code	Course Title	C	P	L	Cr	ECTS
EE	Departmental Elective	3	0	0	3	5
EE 451	Digital Electronics	2	0	2	3	5
EE 491	Senior Project I	1	0	4	3	7
EE 499	Summer Practice II	1	0	0	1	6
ENGR 490	Contemporary Issues in Engineering	2	2	0	3	5
HIST 101/150	History of Turkish Republic I	2	0	0	2	2
	Semester Credits	11	2	6	15	30
Semester 8						
Code	Course Title	C	P	L	Cr	ECTS
EE	Departmental Elective	3	0	0	3	5
EE	Departmental Elective	3	0	0	3	5
EE 492	Senior Project II	1	0	4	3	12
FREE	Free Elective	3	0	0	3	5
HIST 102/160	History of Turkish Republic II	2	0	0	2	2
	Semester Credits	12	0	4	14	29
	Totals expected for graduation	112	10	33	133	240