

CURRICULUM-2021

Semester 1						
Code	Course Title	C	P	L	Cr	ECTS
CMPE 113	Fundamentals of Programming I	1	0	4	3	5
ENG 101	English for Academic Purposes	2	2	0	3	5
CC	Sci/Soc/Hum/Lit/Art	3	0	0	3	5
PHYS 105	Physics I	3	0	2	4	6
MATH 101	Calculus of One Variable	3	2	0	4	7
HIST 101	History of Turkish Republic I	2	0	0	2	2
	Semester Credits Total	14	4	6	19	30
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
HIST 102	History of Turkish Republic II	2	0	0	2	2
CMPE 114	Fundamentals of Programming II	2	0	2	3	6
CC	Sci/Soc/Hum/Lit/Art	3	0	0	3	5
CC	Sci/Soc/Hum/Lit/Art	3	0	0	3	5
	Semester Credits Total	15	4	2	18	30
Semester 3						
Code	Course Title	C	P	L	Cr	ECTS
MATH 203	Linear Algebra and Differential Equations	3	0	0	3	5
ECON 110	Principles of Economics	3	0	0	3	5
ME 200	Computer Aided Technical Drawing	0	0	4	2	4
ME 241	Introduction to Solid Mechanics	3	0	0	3	6
ME 211	Materials Science	3	0	0	3	6
MATH 210	Numerical Methods in Engineering	0	0	4	2	4
	Semester Credits Total	12	0	8	16	30
Semester 4						
Code	Course Title	C	P	L	Cr	ECTS
MATH 240	Introduction to Probability and Statistics for Engineers	3	0	0	3	6
ME 224	Design and Manufacturing	3	0	0	3	6
ME 242	Dynamics	3	0	0	3	6
ME 264	Thermodynamics	3	0	0	3	6
CC	Sci/Hum/Lit/Art	3	0	0	3	5
	Semester Credits Total	15	0	0	15	29

Semester 5						
Code	Course Title	C	P	L	Cr	ECTS
ME 301	Measurement and Instrumentation	2	0	2	3	5
ME 345	Mechanics of Materials	3	0	0	3	5
ME 353	Fluid Mechanics	3	0	0	3	5
ME 399	Summer Practice I	1	0	0	1	2
ED	Secondary Field	3	0	0	3	5
FREE	Free Elective	3	0	0	3	5
EE 309	Fundamentals of Electrical and Electronics Engineering	2	0	2	3	4
	Semester Credits Total	17	0	4	19	31
Semester 6						
Code	Course Title	C	P	L	Cr	ECTS
ME 302	Experimental Engineering	1	0	4	3	5
ME 324	Machine Elements I	3	0	0	3	5
ME 362	Heat Transfer	3	0	0	3	5
ME 336	Modeling and Control of Dynamic Systems	3	0	0	3	5
FREE	Free Elective	3	0	0	3	5
ED	Secondary Field	3	0	0	3	5
	Semester Credits Total	16	0	4	18	30
Semester 7						
Code	Course Title	C	P	L	Cr	ECTS
TUR 101	Turkish I	2	0	0	2	2
ME 499	Summer Practice II	1	0	0	1	3
TEDU 400	Student Development Seminar	0	0	0	0	1
ME 464	Applied Thermal Systems	3	0	0	3	5
ENGR 490	Contemporary Issues in Engineering	2	2	0	3	5
ED	Secondary Field	3	0	0	3	5
ME	Departmental Elective I	3	0	0	3	5
ME	Departmental Elective II	3	0	0	3	5
	Semester Credits Total	17	2	0	18	31
Semester 8						
Code	Course Title	C	P	L	Cr	ECTS
ME 492	Senior Project	0	0	8	4	12
TUR 102	Turkish II	2	0	0	2	2
ED	Secondary Field	3	0	0	3	5
ED	Secondary Field	3	0	0	3	5
ME	Departmental Elective III	3	0	0	3	5
	Semester Credits Total	11	0	8	15	29
	Totals expected for graduation	117	10	32	138	240