

**Click Here for Curriculum Applied to Students Entering in 2022 And Later (Electrical and Electronics Engineering)**

CURRICULUM						
<b>Semester 1</b>						
Code	Course Title	C	P	L	Cr	ECTS
LIBE 120	Foundations and Frontiers of Science	2	0	2	3	5
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
	<b>Semester Credits Total</b>	<b>15</b>	<b>4</b>	<b>4</b>	<b>19</b>	<b>31</b>
<b>Semester 2</b>						
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 101	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
	<b>Semester Credits Total</b>	<b>16</b>	<b>4</b>	<b>2</b>	<b>19</b>	<b>30</b>
<b>Semester 3</b>						
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
	<b>Semester Credits</b>	<b>14</b>	<b>0</b>	<b>6</b>	<b>17</b>	<b>30</b>
<b>Semester 4</b>						
Code	Course Title	C	P	L	Cr	ECTS
MATH 250	Discrete Mathematics for Engineering	3	0	0	3	5
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
	<b>Semester Credits</b>	<b>14</b>	<b>0</b>	<b>4</b>	<b>16</b>	<b>29</b>

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
	<b>Semester Credits</b>	<b>12</b>	<b>0</b>	<b>7</b>	<b>15</b>	<b>31</b>
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
	<b>Semester Credits</b>	<b>17</b>	<b>0</b>	<b>2</b>	<b>18</b>	<b>30</b>
Semester 7						
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 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
	<b>Semester Credits</b>	<b>12</b>	<b>2</b>	<b>4</b>	<b>15</b>	<b>30</b>
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
	<b>Semester Credits</b>	<b>12</b>	<b>0</b>	<b>4</b>	<b>14</b>	<b>29</b>
	<b>Totals expected for graduation</b>	<b>112</b>	<b>10</b>	<b>33</b>	<b>133</b>	<b>240</b>