

EE-CUR-2023-2024

Department of Electrical-Electronics Engineering Previous Curriculum

1. Semester

Course Code	Course Name	Theory	Application	ECTS
HIST101	Principles of Atatürk and History of Turkish Revolution I	2	0	2
PHYS101	General Physics I	3	2	6
HIST221	History of Civilization	3	0	3
ENG101	English For Academic Purposes I	4	0	3.5
MATH151	Calculus I	4	2	7
CHE105	General Chemistry	3	2	5
EE103	Introduction to Electrical and Electronics Engineering	2	2	3.5
KRY111	Career Planning	1	0	1
ATU100	Orientation	1	0	1
Toplam		23	8	32

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2. Semester

Course Code	Course Name	Theory	Application	ECTS
MATH275	Linear Algebra	4	0	6
CMPE113	Computer Programming I	2	2	4
HIST102	Principles of Atatürk and History of Turkish Revolution II	2	0	2
PHYS102	General Physics II	3	2	6
ENG102	English for Academic Purposes II	4	0	3.5
MATH152	Calculus II	4	2	7
EE106	Introduction to Computational Tools	1	0	1.5
Toplam		20	6	30

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3. Semester

Course Code	Course Name	Theory	Application	ECTS
MATH276	Differential Equations	4	0	6
ENG201	English for Academic Purposes III	3	0	3
EE203	Digital Circuits and Systems	3	2	6
EE209	Circuit Analysis I	4	2	8
EE213	Probability and Random Processes	3	0	7
Toplam		17	4	30

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4. Semester

Course Code	Course Name	Theory	Application	ECTS
ENG202	English for Academic Purposes IV	3	0	3
EE210	Circuit Analysis II	3	0	8
EE212	Electronic Circuits I	3	2	8
EE222	Microcontrollers	3	2	7
	General Elective	3	0	4
Toplam		15	4	30

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5. Semester

Course Code	Course Name	Theory	Application	ECTS
EE399	Summer Practice I	0	0	6
EE315	Digital Integrated Circuits and Systems	3	0	6
EE303	Signals and Systems	3	1	7
EE313	Electronic Circuits II	3	2	7
FE301	Occupational Health and Safety	3	0	4
EE319	Engineering Electromagnetics	4	2	7
Toplam		16	5	31

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6. Semester

Course Code	Course Name	Theory	Application	ECTS
EE326	Control Systems	3	0	5
EE352	Electromechanical Energy Conversion	3	2	6
EE316	Communication Systems	3	2	6
FE302	Principles of Engineering Profession	3	0	3
	Area Elective	0	0	6
	General Elective	3	0	4
Toplam		15	4	30

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7. Semester

Course Code	Course Name	Theory	Application	ECTS
TURK401	Turkish Language I	2	0	2
EE493	Engineering Design Project I	0	4	9
EE499	Summer Practice II	0	0	6
	Area Elective	3	0	5
	Area Elective	3	0	5
	Area Elective	3	0	5
	General Elective	0	0	4
Toplam		11	4	30

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8. Semester

Course Code	Course Name	Theory	Application	ECTS
TURK402	Turkish Language II	2	0	2
IE305	Engineering Economy	2	0	5
EE494	Engineering Design Project II	0	4	8
MATH380	Numerical Methods for Engineers	3	1	5
	Area Elective (Multidisciplinary Courses)	0	0	5
	Area Elective	3	0	5
Toplam		10	5	30