

ALANYA ALAADDİN KEYKUBAT UNIVERSITY
RAFET KAYIŞ FACULTY OF ENGINEERING
DEPARTMENT OF ELECTRICAL-ELECTRONICS ENGINEERING
ELECTRICAL-ELECTRONICS ENGINEERING (%100 ENGLISH) BACHELOR (B.E.)
2020/2021 DETAILED EDUCATION TEACHING CURRICULUM

I. YEAR

I. SEMESTER

COURSE CODE	COURSE NAME	COURSE HOUR			LOCAL KREDİ	ECTS	COURSE TYPE	TEACHING LANGUAGE	SIDE CONDITION STATUS	SIDE CONDITION CODE	PRECONDITION STATUS	PRECONDITION CODE	GROUP STATUS	GROUP COURSE CODE	DESCRIPTION CODE
		T	P	L											
EEE 101	Physics I	3	0	1	5	5	C	English	N	-	N	-	N	-	-
EEE 103	Chemistry	3	0	0	4	4	C	English	N	-	N	-	N	-	-
EEE 105	Mathematics I	4	0	0	5	5	C	English	N	-	N	-	N	-	-
EEE 107	C Programming	3	0	2	5	5	C	English	N	-	N	-	N	-	-
EEE 109	Computer Tools for Electrical Engineering	3	0	2	5	5	C	English	N	-	N	-	N	-	-
YDE 101	Foreign Language I (<i>Effective Communication Skills</i>)	3	0	0	4	4	C	English	N	-	N	-	Y	-	-
SEC 101	ELECTIVE COURSE I (OUT OF AREA)*	2	0	0	2	2	CE	English	N	-	N	-	Y	-	1
TOTAL		21	0	5	30	30									

I. YEAR

II. SEMESTER

COURSE CODE	COURSE NAME	COURSE HOUR			LOCAL KREDİ	ECTS	COURSE TYPE	TEACHING LANGUAGE	SIDE CONDITION STATUS	SIDE CONDITION CODE	PRECONDITION STATUS	PRECONDITION CODE	GROUP STATUS	GROUP COURSE CODE	DESCRIPTION CODE
		T	P	L											
EEE 102	Physics II	3	0	1	5	5	C	English	N	-	N	-	N	-	-
EEE104	Mathematics II	4	0	0	5	5	C	English	N	-	N	-	N	-	-
EEE 106	Technical Drawing	1	2	0	5	5	C	English	N	-	N	-	N	-	-
EEE 108	Introduction to Electrical Engineering	2	0	0	6	6	C	English	N	-	N	-	N	-	-
EEE 110	Linear Algebra	3	0	0	5	5	C	English	N	-	N	-	N	-	-
YDE 102	Foreign Language II (<i>Academic Language Skills</i>)	3	0	0	4	4	C	English	N	-	N	-	N	-	-
TOTAL		16	2	1	30	30									

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II. YEAR

III. SEMESTER

COURSE CODE	COURSE NAME	COURSE HOUR			LOCAL KREDİ	ECTS	COURSE TYPE	TEACHING LANGUAGE	SIDE CONDITION STATUS	SIDE CONDITION CODE	PRECONDITION STATUS	PRECONDITION CODE	GROUP STATUS	GROUP COURSE CODE	DESCRIPTION CODE
		T	P	L											
ATA 101	Principles of Atatürk and Turkish Revolution History I	2	0	0	2	2	C	Turkish	N	-	N	-	N	-	-
EEE 201	Differential Equations	4	0	0	5	5	C	English	N	-	N	-	N	-	-
EEE 203	Numerical Methods	3	0	0	5	5	C	English	N	-	N	-	N	-	-
EEE 205	Circuit Theory I	4	0	0	6	6	C	English	N	-	N	-	N	-	-
EEE 207	Electrical Circuits Laboratory	0	0	4	5	5	C	English	N	-	N	-	N	-	-
EEE 209	Electrical Engineering Materials	3	0	0	5	5	C	English	N	-	N	-	N	-	-
SEC 201	ELECTIVE COURSE II (OUT OF AREA)*	2	0	0	2	2	CE	English	N	-	N	-	Y	-	1
TOTAL		18	0	4	30	30									

II. YEAR

IV. SEMESTER

COURSE CODE	COURSE NAME	COURSE HOUR			LOCAL KREDİ	ECTS	COURSE TYPE	TEACHING LANGUAGE	SIDE CONDITION STATUS	SIDE CONDITION CODE	PRECONDITION STATUS	PRECONDITION CODE	GROUP STATUS	GROUP COURSE CODE	DESCRIPTION CODE
		T	P	L											
ATA 102	Principles of Atatürk and Turkish Revolution History II	2	0	0	2	2	C	Turkish	N	-	N	-	N	-	-
EEE 202	Circuit Theory II	4	0	0	6	6	C	English	N	-	N	-	N	-	-
EEE 204	Semiconductor Devices and Modelling	3	0	0	5	5	C	English	N	-	N	-	N	-	-
EEE 206	Electronic Circuits Laboratory	0	0	4	4	4	C	English	N	-	N	-	N	-	-
EEE 208	Electromagnetic Fields Theory	4	0	0	6	6	C	English	N	-	N	-	N	-	-
EEE 210	Probability and Statistics	3	0	0	5	5	C	English	N	-	N	-	N	-	-
SEC 202	ELECTIVE COURSE III (OUT OF AREA)	2	0	0	2	2	CE	English	N	-	N	-	Y	-	1
TOTAL		18	0	4	30	30									

III. YEAR

V. SEMESTER

COURSE CODE	COURSE NAME	COURSE HOUR			LOCAL KREDİ	ECTS	COURSE TYPE	TEACHING LANGUAGE	SIDE CONDITION STATUS	SIDE CONDITION CODE	PRECONDITION STATUS	PRECONDITION CODE	GROUP STATUS	GROUP COURSE CODE	DESCRIPTION CODE
		T	P	L											
EEE 300	Summer Practice I	0	0	0	0	0	C	English	N	-	N	-	N	-	A
EEE 301	Signals and Systems I	4	0	0	6	6	C	English	N	-	N	-	N	-	-
EEE 303	Electromagnetic Waves	4	0	0	6	6	C	English	N	-	N	-	N	-	-
EEE 305	Analog Electronics I	4	0	0	5	5	C	English	N	-	N	-	N	-	-
EEE 307	Analog Electronics Laboratory	0	0	4	3	3	C	English	N	-	N	-	N	-	-
EEE 309	Electromechanical Energy Conversion I	4	0	2	6	6	C	English	N	-	N	-	N	-	-
TDB 101	Turkish Language I	2	0	0	2	2	C	Turkish	N	-	N	-	N	-	-
SEC 301	ELECTIVE COURSE IV (OUT OF AREA)*	2	0	0	2	2	CE	English	N	-	N	-	Y	-	1
TOTAL		20	0	6	30	30									

III. YEAR

VI. SEMESTER

COURSE CODE	COURSE NAME	COURSE HOUR			LOCAL KREDİ	ECTS	COURSE TYPE	TEACHING LANGUAGE	SIDE CONDITION STATUS	SIDE CONDITION CODE	PRECONDITION STATUS	PRECONDITION CODE	GROUP STATUS	GROUP COURSE CODE	DESCRIPTION CODE
		T	P	L											
EEE 302	Feedback Systems	3	0	0	5	5	C	English	N	-	N	-	N	-	-
EEE 304	Introduction to Logic Design	3	0	0	6	6	C	English	N	-	N	-	N	-	-
EEE 306	Digital Electronics Laboratory	0	0	4	3	3	C	English	N	-	N	-	N	-	-
TDB 102	Turkish Language II	2	0	0	2	2	C	Turkish	N	-	N	-	N	-	-
SEC 302	Technical Elective Course I	3	0	0	6	6	CE	English	N	-	N	-	Y	-	1
SEC 302.1	Signals and Systems II	3	0	0	6	6	CE	English	N	-	N	-	Y	SEC 302	-
SEC 302.2	Digital Electronics														
SEC 304	Technical Elective Course II	3	0	0	6	6	CE	English	N	-	N	-	Y	-	1
SEC 304.1	Electromechanical Energy Conversion II	3	0	0	6	6	CE	English	N	-	N	-	Y	SEC 304	-
SEC 304.2	Electrical Equipment and Applications														
SEC 304.3	Analog Electronics II														
SEC 306	ELECTIVE COURSE V (OUT OF AREA)*	2	0	0	2	2	CE	English	N	-	N	-	Y	-	1
TOTAL		16	2	6	30	30									

IV. YEAR

VII. SEMESTER

COURSE CODE	COURSE NAME	COURSE HOUR			LOCAL KREDİ	ECTS	COURSE TYPE	TEACHING LANGUAGE	SIDE CONDITION STATUS	SIDE CONDITION CODE	PRECONDITION STATUS	PRECONDITION CODE	GROUP STATUS	GROUP COURSE CODE	DESCRIPTION CODE
		T	P	L											
EEE 400	Summer Practice II	0	0	0	0	0	C	English	N	-	N	-	N	-	A
ISG 401	Occupational Health and Safety I	2	0	0	2	2	C	English	N	-	N	-	N	-	-
EEE 401	Electrical Engineering Design	0	3	0	6	6	C	English	N	-	N	-	N	-	4
EEE 403	Renewable Energy Sources	2	0	0	4	4	C	English	N	-	N	-	N	-	-
SEC 401	Technical Elective Course III*	3	0	0	6	6	E	English	N	-	N	-	Y	-	3
TOTAL		13	3	0	30	30									

IV. YEAR

VIII. SEMESTER

COURSE CODE	COURSE NAME	COURSE HOUR			LOCAL KREDİ	ECTS	COURSE TYPE	TEACHING LANGUAGE	SIDE CONDITION STATUS	SIDE CONDITION CODE	PRECONDITION STATUS	PRECONDITION CODE	GROUP STATUS	GROUP COURSE CODE	DESCRIPTION CODE
		T	P	L											
EEE 402	Graduation Thesis	0	2	0	8	8	C	English	N	-	Y	-	N	-	5

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ISG 402	Occupational Health and Safety II	1	0	0	1	1	C	English	N	-	N	-	N	-	-
EEE 404	Principles of Economics	2	0	0	3	3	C	English	N	-	N	-	N	-	-
SEC 402	Elective Course IV (Technical Course)*	3	0	0	6	6	CE	English	N	-	N	-	Y	-	3
TOTAL		12	2	0	30	30									

*Abbreviations: *T: Theoretical, P: Practice, L: Laboratory, C: Compulsory, E: Elective, CE: Compulsory Elective, Y: Yes, N: No*

DESCRIPTIONS

1	Only 1 (one) course from the related group must be selected.
2	Only 2 (two) course from the related group must be selected.
3	Only 3 (three) courses from the related group must be selected.
4	In order to take this course (EEE 401 Electrical Engineering Design), the student must be classified as 4th (fourth) class according to ALKÜ Ön Lisans ve Lisans Eğitim Öğretim Yönetmeliği.
5	In order to take this course (EEE 402 Graduation Thesis), the student must have succeeded in EEE 401 Electrical Engineering Design with a score of at least CC.
A	Students must complete their workplace training (summer practices) provided that they are at least 20 working days from the second grade. Those who complete their workplace education are considered successful from this course. The workplace education course does not participate in the grade point average.
*	Appropriate elective course list has been enclosed.