

HASAN KALYONCU UNIVERSITY
ENGINEERING FACULTY
Electrical-Electronics Engineering (MÜDEK) Undergraduate Program

Semester	Course Code	Course Name	C/E	T	A	C	ECTS	Semester	Course Code	Course Name	C/E	T	A	C	ECTS		
1.Semester	PHYS101	General Physics I	C	3	2	4	6	2. Semester	PHYS102	General Physics II	C	3	2	4	6		
	MATH111	Calculus I	C	4	0	4	6		MATH112	Calculus II	C	4	0	4	6		
	CENG107	Computer Programming	C	3	0	3	5		MATH114	Discrete Math	C	4	0	4	5		
	ENG101	Technical English I	C	3	0	3	4		ENG102	Technical English II	C	3	0	3	4		
	EE101	Introduction to EEE	C	3	0	3	4		EE102	Computer Tools for EEE	C	3	0	3	4		
	INT100	Introduction to University Life	C	1	0	1	1		FE102	Technology and R&D Management	C	2	0	2	2		
	TÜR101	Turkish Language and Literature I	C	2	0	2	2		TÜR102	Turkish Language and Literature II	C	2	0	2	2		
	CENG187	Computer Programming Lab.	C	0	2	1	2		FE104	Social Responsibility Project	C	0	2	0	1		
Semester Total Credit							21	30	Semester Total Credit							22	30
3.Semester	EE201	Circuit Analysis I	C	4	0	4	5	4. Semester	EE202	Circuit Analysis II	C	4	0	4	5		
	MATH211	Linear Algebra	C	3	0	3	5		EE242	Digital Electronics	C	4	0	4	5		
	MATH213	Probability and Statistics	C	3	0	3	5		CENG244	Microprocessors	C	3	0	3	5		
	MATH215	Complex Variables	C	3	0	3	4		MATH212	Differential Equations	C	3	0	3	5		
	EE261	Electromagnetic Theory	C	4	0	4	5		EE282	Circuit Analysis II Lab.	C	0	2	1	2		
	EE281	Circuit Analysis I Lab.	C	0	2	1	2		EE284	Digital Electronics Lab.	C	0	2	1	2		
	AİİT201	Atatürk's Principles and History of Revolution I	C	2	0	2	2		CENG284	Microprocessors Lab.	C	0	2	1	2		
	FE201	Engineering Ethics	C	2	0	2	2		AİİT202	Atatürk's Principles and History of Revolution II	C	2	0	2	2		
Semester Total Credit							22	30	Semester Total Credit							21	30
5.Semester	EE301	Electronics I	C	4	0	4	6	6. Semester	EE302	Electronics II	C	4	0	4	6		
	EE321	Electromechanical Energy Conversion I	C	3	0	3	5		EE322	Electromechanical Energy Conversion II	C	3	0	3	5		
	EE331	Signals and Systems	C	3	0	3	5		EE334	Communication Theory	C	4	0	4	5		
	EE373	Low Voltage Distributions Systems	C	3	0	3	5		EE352	Control Systems	C	3	0	3	5		
	EE381	Electronics I Lab.	C	0	2	1	2		EE382	Electronics II Lab.	C	0	2	1	2		
	EE383	Electromechanical Energy Conversion I Lab.	C	0	2	1	2		EE384	Electromechanical Energy Conversion II Lab.	C	0	2	1	2		
	EE4XX	Technical Elective I	E	3	0	3	5		EE386	Communication Theory Lab.	C	0	2	1	2		
										Free Elective	E	2	0	2	3		
Semester Total Credit							18	30	Semester Total Credit							19	30
7.Semester	EEE499	Graduation Project	C	0	8	4	5	8. Semester	FE400	CO - OP Education	C	0	8	4	30		
	FE401	Multidisciplinary Integrated Project	C	0	8	4	5										
	EE4XX	Technical Elective II	E	3	0	3	5										
	EE4XX	Technical Elective III	E	3	0	3	5										
	EE4XX	Technical Elective IV	E	3	0	3	5										
Semester Total Credit							20	30	Semester Total Credit							4	30

Total ECTS: 240
Total Credit: 147