

ALANYA ALAADDİN KEYKUBAT ÜNİVERSİTESİ
ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ BÖLÜMÜ 2018 MÜFREDATI

Ders Kodu	Ders Adı	Kredi	Ders	Uyg	Lab	AKTS	Türü	Z/S	YY	Dil
ELK 101E	Intro. to Electrical and Electronics Eng.	2,0	2	0	0	2	TM	Z	1	E
BIL 101E	Intro. to Comp. and Info. Systems	1,5	1	1	0	2	TM	Z	1	E
MAT 101E	Mathematics I	4,0	3	2	0	5	TB	Z	1	E
FIZ 101E	Physics I	3,0	3	0	0	4	TB	Z	1	E
FIZ 101EL	Physics I Lab.	1,0	0	0	2	1	TB	Z	1	E
KIM 101E	Chemistry	3,0	3	0	0	4	TB	Z	1	E
KIM 101EL	Chemistry Lab.	1,0	0	0	2	1	TB	Z	1	E
RES 103E	Technical Drawing	3,0	2	2	0	5	TB	Z	1	E
TDB 101	Türk Dili I	2,0	2	0	0	2	ITB	Z	1	T
YDE 170E	Academic Language Skills	3,0	3	0	0	4	ITB	Z	1	E
Dönem 1:		23,5	19	5	4	30				
Ders Kodu	Ders Adı	Kredi	Ders	Uyg	Lab	AKTS	Türü	Z/S	YY	
MAT 102E	Mathematics II	4,0	3	2	0	5	TB	Z	2	E
FIZ 102E	Physics II	3,0	3	0	0	4	TB	Z	2	E
FIZ 102EL	Physics II Lab.	1,0	0	0	2	1	TB	Z	2	E
BIL 106E	Intoduction to Programming C	3,0	2	0	2	5	TM	Z	2	E
MAT 108E	Linear Algebra	3,0	3	0	0	4	TB	Z	2	E
ELK 102E	Fundamentals of Electrical and Electronics	3,0	3	0	0	5	TM	Z	2	E
TDB 102	Türk Dili II	2,0	2	0	0	2	ITB	Z	2	T
	2nd Semester Elective English Course	3,0	3	0	0	4	ITB	S	2	E
Dönem 2:		22,0	19	2	4	30				
Ders Kodu	Ders Adı	Kredi	Ders	Uyg	Lab	AKTS	Türü	Z/S	YY	
ELK 201E	Circuit Analysis I	4,0	4	0	0	7	TM	Z	3	E
ELK 201EL	Circuit Analysis I Lab.	1,0	0	0	2	2	TM	Z	3	E
MAT 202E	Differential Equations	4,0	4	0	0	5	TB	Z	3	E
ELK 203E	Digital Logic Design	3,0	3	0	0	4	TM	Z	3	E
ELK 203EL	Digital Logic Design Lab.	1,0	0	0	2	2	TM	Z	3	E
MAT 203E	Probability and Statistics	3,0	3	0	0	4	TB	Z	3	E
ATA 101	Atatürk İlkeleri ve İnkılap Tarihi I	2,0	2	0	0	2	ITB	Z	3	T
	3rd Semester Elective (ITB) - SGS	2,0	2	0	0	2	ITB	S	3	E
	3rd Semester Elective (ITB) - SGS	2,0	2	0	0	2	ITB	S	3	E

		Dönem 3:	22,0	20	0	4	30			
Ders Kodu	Ders Adı	Kredi	Ders	Uyg	Lab	AKTS	Türü	Z/S	YY	
ELK 202E	Circuit Analysis II	4,0	4	0	0	7	TM	Z	4	E
ELK 202EL	Circuit Analysis II Lab.	1,0	0	0	2	2	TM	Z	4	E
MAL 102E	Materials Science	3,0	3	0	0	4	TM	Z	4	E
ELK 206E	Electromagnetic Theory	4,0	4	0	0	5	TM	Z	4	E
MAT 201E	Numerical Methods	3,0	3	0	0	4	TB	Z	4	E
ATA 102	Atatürk İlkeleri ve İnkılap Tarihi II	2,0	2	0	0	2	ITB	Z	4	T
ETK 101E	Engineering Ethics	2,0	2	0	0	2	ITB	Z	4	E
	4th Semester Elective Course (TB)	3,0	3	0	0	4	TB	S	4	E
		Dönem 4:	22,0	21	0	2	30			
Ders Kodu	Ders Adı	Kredi	Ders	Uyg	Lab	AKTS	Türü	Z/S	YY	
ELK 300E	Internship I	0,0	0	0	0	0	MT	Z	5	
ELK 303E	Analog Electronics	4,0	4	0	0	5	TM	Z	5	E
ELK 303EL	Analog Electronics Lab.	1,0	0	0	2	2	TM	Z	5	E
ELK 305E	Electrical Machines I	4,0	4	0	0	5	MT	Z	5	E
ELK 305EL	Electrical Machines I Lab.	1,0	0	0	2	2	MT	Z	5	E
ELK 307E	Electromagnetic Waves	4,0	4	0	0	5	MT	Z	5	E
ELK 309E	Signals and Systems I	4,0	4	0	0	6	TM	Z	5	E
	5th Semester Elective Course (TM)	3,0	3	0	0	5	TM	S	5	E
		Dönem 5:	21,0	19	0	4	30			
Ders Kodu	Ders Adı	Kredi	Ders	Uyg	Lab	AKTS	Türü	Z/S	YY	
ELK 302E	Automatic Control Systems	3,0	3	0	0	4	MT	Z	6	E
ELK 304E	Digital Electronics	4,0	4	0	0	5	MT	Z	6	E
ELK 304EL	Digital Electronics Lab.	1,0	0	0	2	2	MT	Z	6	E
ELK 306E	Electrical Machines II	4,0	4	0	0	5	MT	Z	6	E
ELK 106EL	Electrical Machines II Lab.	1,0	0	0	2	2	MT	Z	6	E
	6th Semester Elective Course-I (ITB)	3,0	3	0	0	4	ITB	S	6	E
	6th Semester Elective Course-II (ITB)	3,0	3	0	0	4	ITB	S	6	E
	6th Semester Sleective Course-III (ITB)	3,0	3	0	0	4	ITB	S	6	E
		Dönem 6:	22,0	20	0	4	30			
Ders Kodu	Ders Adı	Kredi	Ders	Uyg	Lab	AKTS	Türü	Z/S	YY	
ELK 400E	Internship II	0,0	0	0	0	0	MT	Z	7	E
END 401E	Occupational Health and Safety I	2,0	2	0	0	2	TB	Z	7	E

SEÇMELİ DERSLER:										
2nd Semester Elective English Courses (ITB)										
Dersin Kodu	Dersin Adı	Kredi	Ders	Uyg	Lab	AKTS	Türü	Z/S	YY	Dil
YDE 229	Effective Communication Skills	3,0	3	0	0	4,0	ITB	S	2	E
YDE 123	Listening and Speaking	3,0	3	0	0	4,0	ITB	S	2	E
YDE 113	Pronunciation Skills	3,0	3	0	0	4,0	ITB	S	2	E
YDE 227	Language Acquisition	3,0	3	0	0	4,0	ITB	S	2	E
3rd Semester Elective Courses (ITB)(SGS)										
Dersin Kodu	Dersin Adı	Kredi	Ders	Uyg	Lab	AKTS	Türü	Z/S	YY	Dil
SGS 101E	History of Art	2,0	2	0	0	2,0	ITB	S	3	E
SGS 103E	History and Philosophy of Science	2,0	2	0	0	2,0	ITB	S	3	E
SGS 105E	Disaster Awareness	2,0	2	0	0	2,0	ITB	S	3	E
SGS 107E	Eloquent Speech	2,0	2	0	0	2,0	ITB	S	3	E
SGS 109E	Basic First Aid and EMAKErgency	2,0	2	0	0	2,0	ITB	S	3	E
SGS 111E	Archery	2,0	2	0	0	2,0	ITB	S	3	E
SGS 113E	Boxing, Karate and Taekwondo	2,0	2	0	0	2,0	ITB	S	3	E
SGS 115E	Football	2,0	2	0	0	2,0	ITB	S	3	E
SGS 117E	Volleyball	2,0	2	0	0	2,0	ITB	S	3	E
SGS 119E	Basketball	2,0	2	0	0	2,0	ITB	S	3	E
SGS 121E	Tennis	2,0	2	0	0	2,0	ITB	S	3	E
SGS 123E	Table Tennis	2,0	2	0	0	2,0	ITB	S	3	E
SGS 125E	Folk Dances	2,0	2	0	0	2,0	ITB	S	3	E
SGS 127E	Music Culture	2,0	2	0	0	2,0	ITB	S	3	E
SGS 129E	Arts&Painting	2,0	2	0	0	2,0	ITB	S	3	E
SGS 131E	Theatre and Cinema	2,0	2	0	0	2,0	ITB	S	3	E
SGS 133E	Healthy Living	2,0	2	0	0	2,0	ITB	S	3	E
SGS 135E	Nutrition	2,0	2	0	0	2,0	ITB	S	3	E
SGS 137E	Media Literacy	2,0	2	0	0	2,0	ITB	S	3	E
SGS 139E	Mathematical Esthetics	2,0	2	0	0	2,0	ITB	S	3	E
SGS 141E	Industrial Design	2,0	2	0	0	2,0	ITB	S	3	E
SGS 143E	Basic Photography	2,0	2	0	0	2,0	ITB	S	3	E

SGS 145E	Surfing	2,0	2	0	0	2,0	ITB	S	3	E
SGS 167E	Japonca I	2,0	2	0	0	2,0	ITB	S	3	E
SGS 169E	Japonca II	2,0	2	0	0	2,0	ITB	S	3	E
4th Semester Technical Elective Courses (TB)										
Dersin Kod	Dersin Adı	Kredi	Ders	Uyg	Lab	AKTS	Türü	Z/S	YY	Dil
MAT 401E	Theory of Complex Functions	3,0	3	0	0	5,0	TB	S	4	E
MAT 403E	Fuzzy Mathematics	3,0	3	0	0	5,0	TB	S	4	E
MAT 405E	Linear Algebra II	3,0	3	0	0	5,0	TB	S	4	E
5th Semester Elective Courses (TM)										
Dersin Kod	Dersin Adı	Kredi	Ders	Uyg	Lab	AKTS	Türü	Z/S	YY	Dil
ISM 303E	Operational Research	3,0	3	0	0	5,0	TM	S	5	E
ELK 311E	Measurement & Instrumentation	3,0	3	0	0	5,0	TM	S	5	E
ELK 313E	Fundamentals of Super Conductivity	3,0	3	0	0	5,0	TM	S	5	E
6th and 7th Semesters Elective Courses		(ITB)								
Dersin Kod	Dersin Adı	Kredi	Ders	Uyg	Lab	AKTS	Türü	Z/S	YY	Dil
ISL 426E	Sociology	3,0	3	0	0	5,0	ITB	S	6/7	E
END 106E	Economics	3,0	3	0	0	5,0	ITB	S	6/7	E
END 425E	Entrepreneurship	3,0	3	0	0	4,0	ITB	S	6/7	E
END 412E	Innovation Management	3,0	3	0	0	5,0	ITB	S	6/7	E
BIL 401E	Technology and Ethics	3,0	3	0	0	4,0	ITB	S	6/7	E
IKY 415E	Social Pshychology	3,0	3	0	0	5,0	ITB	S	6/7	E
ISM 406E	Organizational Behaviour	3,0	3	0	0	4,0	ITB	S	6/7	E
ISM 402E	Labour Law	3,0	3	0	0	4,0	ITB	S	6/7	E
END 308E	Project Management	3,0	3	0	0	0,0	ITB	S	6/7	E
7th and 8th Semester Elective Courses (MT)										
Dersin Kod	Dersin Adı	Kredi	Ders	Uyg	Lab	AKTS	Türü	Z/S	YY	Dil

ELK 402E	Discrete Time Systems	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 403E	Nonlinear Control Systems	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 405E	Signals And Systems II	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 406E	Laboratory of Feedback Control Syst.	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 407E	Process Control	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 408E	Process Instrumentation and Control	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 409E	Nonlinear Electronics for Communica	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 410E	Introduction to VLSI Design	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 411E	Introduction to Analog Integrated Circuits	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 412E	Introduction to Medical Imaging	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 413,0E	Biomedical Signals, Instrumentation and Measurement	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 414E	Solid State Devices	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 415E	Antennas and Propagation	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 416E	Microwaves I	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 417E	Microwaves II	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 418E	Digital Signal Processing	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 419E	Communications I	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 420E	Telecommunications II	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 421E	Optical Communication Systems	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 422E	Data Structures	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 423E	Operating Systems	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 424E	Computational Methods in Electrical Eng.	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 425E	Introduction to Computer Networks	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 426E	Computer Architecture I	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 427E	Computer Architecture II	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 428E	Introduction to Microprocessors	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 429E	Utilization of Electrical Energy	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 430E	Static Power Conversion I	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 431E	Static Power Conversion II	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 432E	Power System Analysis I	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 433E	Power System Analysis II	3,0	3	0	0	5,0	MT	S	7/8	E

ELK 434E	Distribution Systems	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 435E	High Voltage Techniques I	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 436E	High Voltage Techniques II	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 437E	Power System Protection	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 438E	Power Electronics	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 439E	Illumination Techniques	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 440E	Fundamentals of Photonics	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 441E	Special Topics: Introduction to Computatio	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 442E	Special Topics: Real-Time Applications of	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 443E	Electrical Equipment And Applications	3,0	3	0	0	5,0	MT	S	7/8	E
ELK 444E	Programmable Logic Contollers (PLC)	3,0	3	0	0	5,0	MT	S	7/8	E

