

ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ BÖLÜMÜ UYUM PROGRAMI (%100 İNGİLİZCE)

(2023-2024 Eğitim Öğretim yılından itibaren)

ESKİ PROGRAM								YENİ PROGRAM							
1st Semester															
Kod	Ders Adı	AKTS	K	D	U	L	YY	Kod	Ders Adı	AKTS	K	D	U	L	YY
YDI1001	English - I	3	3,0	3	0	0	1	YDI1001	English - I	3	3,0	3	0	0	1
MATH1001	Mathematics - I	5	4,0	4	0	0	1	MATH1001	Mathematics - I	5	4,0	4	0	0	1
PHYS1001	Physics - I	5	3,5	3	0	1	1	PHYS1001	Physics - I	5	3,5	3	0	1	1
CHM1001	Basic Chemistry	5	3,5	3	0	1	1	CHM1001	Basic Chemistry	5	3,5	3	0	1	1
EEE1003	Introduction to Electrical and Electronics Engineering	2	2,0	2	0	0	1	EEE1003	Introduction to Electrical and Electronics Engineering	2	2,0	2	0	0	1
EEE1005	Fundamentals of Electrical Engineering	6	4,0	3	0	2	1	EEE1007	Fundamentals of Electrical Engineering	5	4,0	3	0	2	1
EEE1001	Introduction to Computers	4	3,0	3	0	0	1	EEE1009	Introduction to Computers	3	3,0	3	0	0	1
2nd Semester															
YDI1002	English - II	3	3,0	3	0	0	2	YDI1002	English - II	3	3,0	3	0	0	2
MATH1000	Mathematics - II	5	4,0	4	0	0	2	MATH1000	Mathematics - II	5	4,0	4	0	0	2
PHYS1000	Physics - II	5	3,5	3	0	1	2	PHYS1000	Physics - II	5	3,5	3	0	1	2
EEE1000	Computer Programming	4	3,5	3	0	1	2	EEE1000	Computer Programming	4	3,5	3	0	1	2
EEE1002	Measurements in Electrical Engineering	4	3,0	2	0	2	2	EEE1002	Measurements in Electrical Engineering	4	3,0	2	0	2	2
EEE1004	Materials in Electrical Engineering	4	2,0	2	0	0	2	EEE1XXX	Materials in Electrical Engineering	2	2,0	2	0	0	2
EEE1006	Digital Design	5	3,5	3	0	1	2	EEE1006	Digital Design	5	3,5	3	0	1	2
3rd Semester															
EEE2017	English in Engineering	2	2,0	2	0	0	3	EEE2XXX	English in Engineering	4	3,0	3	0	0	3
MATH2001	Differential Equations	5	4,0	4	0	0	3	MATH2001	Differential Equations	5	4,0	4	0	0	3
EEE2011	Probability and Random Processes	4	3,0	3	0	0	3	EEE2011	Probability and Random Processes	4	3,0	3	0	0	3
EEE2019	Microprocessors	5	3,5	3	0	1	3	EEE2019	Microprocessors	5	3,5	3	0	1	3
EEE2021	Electromagnetic Fields	3	3,0	3	0	0	3	EEE2XXX	Electromagnetic Fields	4	3,0	3	0	0	3
EEE2009	Circuits - I	3	3,0	3	0	0	3	EEE2XXX	Circuits - I	4	3,0	3	0	0	3
TURK2001	Turkish Language - I	2	2	2	0	0	3	TURK2XXX	Turkish Language - I	2	0,0	2	0	0	3
HIST2001	History of Revolution and Ataturk's Principles - I	2	2	2	0	0	3	HIST2XXX	Ataturk's Principles and History of Revolution- I	2	0,0	2	0	0	3
SOCIAL ELECTIVE GROUP - S31															
EEE2013	Engineering Economics	4	2,0	2	0	0	3	EEE3XXX	Engineering Economics	4	2,0	2	0	0	6
USEC0007	Protection of Personal data	4	2,0	2	0	0	3	USEC0007	Protection of Personal data	4	2,0	2	0	0	6
EEE2023	Engineering Software's	4	2,0	2	0	0	3								
4th Semester															
EEE2000	Engineering Mathematics	3	3,0	3	0	0	4	EEE2XXX	Engineering Mathematics	4	4,0	4	0	0	4
EEE2008	Electronics - I	5	4,0	3	0	2	4	EEE2012	Electronics - I	5	4,0	3	0	2	4
EEE2014	Power Systems	3	3,0	3	0	0	4	EEE2XXX	Power Systems	4	3,0	3	0	0	4
EEE2006	Circuits - II	5	4,0	3	0	2	4	EEE2008	Circuits - II	5	4,0	3	0	2	4
EEE2016	Electromagnetic Waves	3	3,0	3	0	0	4	EEE2XXX	Electromagnetic Waves	4	3,0	3	0	0	4
EEE2018	Numerical Analysis	3	3,0	3	0	0	4	EEE2XXX	Numerical Analysis	4	3,0	3	0	0	4
TURK2000	Turkish Language - II	2	2,0	2	0	0	4	TURK2XXX	Turkish Language - II	2	0,0	2	0	0	4
HIST2000	Ataturk' s Principles and History of Revolution - II	2	2,0	2	0	0	4	HIST2XXX	Ataturk's Principles and History of Revolution- II	2	0,0	2	0	0	4
SOCIAL ELECTIVE GROUP - S41															
EEE2020	Technological Developments	4	2,0	2	0	0	4	EEE3XXX	Technological Developments	4	2,0	2	0	0	6
USEC0003	Professional Ethics	4	2,0	2	0	0	4	USEC0003	Professional Ethics	4	2,0	2	0	0	6
USEC0012	Carear Planning	4	2,0	2	0	0	4	USEC0012	Carear Planning	4	2,0	2	0	0	6

5th Semester															
EEE3003	System Dynamics and Control	4	3,0	3	0	0	5	EEE3003	System Dynamics and Control	4	3,0	3	0	0	5
EEE3013	Signals and Systems	4	3,0	3	0	0	5	EEE3013	Signals and Systems	4	3,0	3	0	0	5
EEE3009	Electronics - II	5	4,0	3	0	2	5	EEE3009	Electronics - II	5	4,0	3	0	2	5
EEE3019	Electrical Machines- I	5	4,0	3	0	2	5	EEE3019	Electrical Machines- I	5	4,0	3	0	2	5
EEE3021	Power Electronic Circuits	5	4,0	3	0	2	5	EEE3021	Power Electronic Circuits	5	4,0	3	0	2	5
EEE3029	Entrepreneurship	3	2,0	2	0	0	5	EEE3029	Entrepreneurship	3	2,0	2	0	0	5
TECHNICAL ELECTIVE GROUP- T51								TECHNICAL ELECTIVE GROUP- T51							
EEE3015	Computer Communication	4	3,0	3	0	0	5	EEE3015	Computer Communication	4	3,0	3	0	0	5
EEE3017	Network Synthesis	4	3,0	3	0	0	5	EEE3017	Network Synthesis	4	3,0	3	0	0	5
EEE3027	Embedded Systems	4	3,0	3	0	0	5	EEE3027	Embedded Systems	4	3,0	3	0	0	5
								EEE3XXX	Python Programming	4	3,0	3	0	0	5
6th Semester															
EEE3018	Power Distribution Systems	6	4,0	3	0	2	6	EEE3XXX	Power Distribution Systems	5	4,0	3	0	2	6
EEE3024	High Voltage Techniques	5	3,0	3	0	0	6	EEE3XXX	High Voltage Techniques	4	3,0	3	0	0	6
EEE3008	Digital Signal Processing	6	4,0	3	0	2	6	EEE3XXX	Digital Signal Processing	5	4,0	3	0	2	6
EEE3016	Communication Techniques	6	4,0	3	0	2	6	EEE3XXX	Communication Techniques	5	4,0	4	0	0	6
EEE3034	Project Management	2	2,0	2	0	0	6	ELK3034	Project Management	2	2,0	2	0	0	6
TECHNICAL ELECTIVE GROUP- T61								TECHNICAL ELECTIVE GROUP- T61							
EEE3010	Automatic Control Systems	5	4,0	3	0	2	6	EEE3010	Automatic Control Systems	5	4,0	3	0	2	6
EEE3020	Microwave Techniques	5	4,0	3	0	2	6	EEE3020	Microwave Techniques	5	4,0	3	0	2	6
7th Semester															
EEE4017	Professional Training - I	3	0,0	0	0	0	7	EEE4xxx	Professional Training - I	3	0,0	0	2	0	7
EEE4019	Engineering Design	6	3,0	2	2	0	7	EEE4XXX	Engineerin Design	5	3,0	2	2	0	7
EEE4043	Occupational Health and Safety – I	3	2	2	0	0	7	EEE1XXX	Occupational Health and Safety - I	2	2	2	0	0	1
								ENG4XXX	Multidisciplinary Engineering Applications	2	1,0	0	2	0	7
TECHNICAL ELECTIVE GROUP - T71								TECHNICAL ELECTIVE GROUP - T71							
EEE4005	Renewable Energy Systems	5	3	2	0	2	7	EEE4XXX	Renewable Energy Systems	6	3	2	0	2	7
EEE4035	Power System Protection	5	3	2	0	2	7	EEE4XXX	Power System Protection	6	3	2	0	2	7
EEE4015	Process Control	5	3	2	0	2	7	EEE4XXX	Process Control	6	3	2	0	2	7
EEE4003	Power Electronic Applications	5	3	2	0	2	7	EEE4XXX	Power Electronic Applications	6	3	2	0	2	7
EEE4023	Antennas and Propogation	5	3	2	0	2	7	EEE4XXX	Antennas and Propogation	6	3	2	0	2	7
EEE4007	Medical Electronics	5	3	2	0	2	7	EEE4XXX	Medical Electronics	6	3	2	0	2	7
EEE4021	Digital Communication	5	3	2	0	2	7	EEE4XXX	Digital Communication	6	3	2	0	2	7
EEE4001	Industrial Electronics	5	3	2	0	2	7	EEE4XXX	Industrial Electronics	6	3	2	0	2	7
TECHNICAL ELECTIVE GROUP- T72								TECHNICAL ELECTIVE GROUP- T72							
EEE4025	Lighting Techniques	4	2	2	0	0	7	EEE4025	Lighting Techniques	4	2	2	0	0	7
EEE4027	Special Electric Machines	4	2	2	0	0	7	EEE4027	Special Electric Machines	4	2	2	0	0	7
EEE4029	Distributed Generation Systems	4	2	2	0	0	7	EEE4029	Distributed Generation Systems	4	2	2	0	0	7
EEE4031	Communication Electronics	4	2	2	0	0	7	EEE4031	Communication Electronics	4	2	2	0	0	7
EEE4033	Image Processing	4	2	2	0	0	7	EEE4033	Image Processing	4	2	2	0	0	7
ELK4037	Microwave Systems	4	2	2	0	0	7	ELK4037	Microwave Systems	4	2	2	0	0	7
EEE4039	Electronic Device Techniques	4	2	2	0	0	7	EEE4039	Electronic Device Techniques	4	2	2	0	0	7
EEE4041	Introduction to Biomedical Optics	4	2	2	0	0	7	EEE4041	Introduction to Biomedical Optics	4	2	2	0	0	7
8th Semester															
EEE4010	Professional Training - II	3	0,0	0	0	0	8	EEE4010	Professional Training - II	3	0,0	0	2	0	8
EEE4012	Graduation Project	6	3,0	2	2	0	8	EEE4XXX	Graduation Project	8	3,0	2	2	0	8
EEE4052	Occupational Health and Safety – II	2	2	2	0	0	8	EEE1XXX	Occupational Health and Safety - II	2	2	2	0	0	2

TECHNICAL ELECTIVE GROUP- T81							
EEE4008	Power System Analysis	5	2	2	0	0	8
EEE4004	Drive Systems	5	2	2	0	0	8
EEE4034	Electrical machines - II	5	2	2	0	0	8
EEE4014	Power System Design	5	2	2	0	0	8
EEE4016	Electrical Vehicles	5	2	2	0	0	8
EEE4028	Electromagnetic Compatibility	5	2	2	0	0	8
EEE4024	Fiberoptic Communication	5	2	2	0	0	8
EEE4026	Communication Systems	5	2	2	0	0	8
EEE4020	Digital Control Systems	5	2	2	0	0	8
EEE4022	Intelligent Control Systems	5	2	2	0	0	8
EEE4030	Mobile Communications	5	2	2	0	0	8
EEE4002	Medical Imaging Techniques	5	2	2	0	0	8
EEE4036	Electrochemical Biosensors	5	2	2	0	0	8
EEE4044	Mechatronics	5	2	2	0	0	8
SOCIAL ELECTIVE GROUP - S81							
EEE4038	Business law	4	2,0	2	0	0	8
OPE4032	Management and organization	4	2,0	2	0	0	8
EEE4040	Information Crime Law	4	2,0	2	0	0	8
EEE4042	Expertise Law and its Application	4	2,0	2	0	0	8

TECHNICAL ELECTIVE GROUP- T81							
EEE4008	Power System Analysis	5	2	2	0	0	8
EEE4004	Drive Systems	5	2	2	0	0	8
EEE4034	Electrical machines - II	5	2	2	0	0	8
EEE4014	Power System Design	5	2	2	0	0	8
EEE4016	Electrical Vehicles	5	2	2	0	0	8
EEE4028	Electromagnetic Compatibility	5	2	2	0	0	8
EEE4024	Fiberoptic Communication	5	2	2	0	0	8
EEE4026	Communication Systems	5	2	2	0	0	8
EEE4020	Digital Control Systems	5	2	2	0	0	8
EEE4022	Intelligent Control Systems	5	2	2	0	0	8
EEE4030	Mobile Communications	5	2	2	0	0	8
EEE4046	Medical Imaging Techniques	5	2	2	0	0	8
EEE4036	Electrochemical Biosensors	5	2	2	0	0	8
EEE4044	Mechatronics	5	2	2	0	0	8
SOCIAL ELECTIVE GROUP - S81							
EEE4038	Business Law	4	2,0	2	0	0	8
OPE4032	Management and Organization	4	2,0	2	0	0	8
EEE4040	Information Crime Law	4	2,0	2	0	0	8
EEE4042	Expertise Law and its Application	4	2,0	2	0	0	8

2023-2024 Eğitim-Öğretim yılı güz döneminden itibaren uygulanacaktır.

09.08.2023

Bölüm Başkanlığı