

FAKÜLTE / MYO: MÜHENDİSLİK FAKÜLTESİ

BÖLÜM / PROGRAM: ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ BÖLÜMÜ

ÖNERİLEN PLANIN UYGULAMA BİÇİMİ :

2022 / 2023 Akademik Yılı GÜZ Yarıyılından İtibaren tüm öğrencileri kapsayacaktır.

ÖĞRENCİNİN OKUDUĞU LİSANS PROGRAMI			ÇİFT ANADAL YAPACAĞI PROGRAM			EŞDEĞER DERSLER			ÇİFT ANADALINDA ALACAĞI DERSLER		
MATEMATİK VE BİLGİSAYAR BİLİMLERİ PROGRAMI DERS PLANI			ELEKTRİK-ELEKTRONİK MÜH. PROGRAMI DERS PLANI			ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ/MATEMATİK VE BİLGİSAYAR BİLİMLERİ			ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ PROGRAMI'NDAN ALACAĞI DERSLER		
1. YARIYIL			1. YARIYIL			1. YARIYIL			1. YARIYIL		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
ATA1001	ATATÜRK İLKELERİ VE İNKILAP TARİHİ I	2	ATA1001	PRINCIPLES OF ATATÜRK & HISTORY OF REFORMS I	2	ATA1001/ATA1001	PRINCIPLES OF ATATÜRK & HISTORY OF REFORMS I/ATATÜRK İLKELERİ VE İNKILAP TARİHİ I	2/2			
YDI1001	YABANCI DİL I (İNGİLİZCE)	3	EE1011	ACADEMIC ENGLISH FOR ELECTRICAL AND ELECTRONICS ENGINEERIN	3	EE1011/YDI1001	ACADEMIC ENGLISH FOR ELECTRICAL AND ELECTRONICS ENGINEERING I/YABANCI DİL I (İNGİLİZCE)	3/3			
MB0004	BİLGİSAYAR BİLİMLERİNE GİRİŞ	6	EE1021	PROGRAMMING FOR ENGINEERS	6	EE1021/MB0004	PROGRAMMING FOR ENGINEERS/BİLGİSAYAR BİLİMLERİNE GİRİŞ	6/6			
MB0001	ANALİZ I	6	MCB1001	CALCULUS I	7	MCB1001/MB0001	CALCULUS I/ANALİZ I	7/6			
MB0002	ANALİTİK GEOMETRİ	6	PHY1001	PHYSICS I	7	PHY1001/MB0022 ve MB0023	PHYSICS I / FİZİK I ve FİZİK LABORATUVARI I	7 / 3+2			
TR1001	TÜRKÇE I	2	TR1001	TURKISH I	2	TR1001/TR1001	TURKISH I/TÜRKÇE I	2/2			
MB0003	SOYUT MATEMATİK	6	MCB1004	LINEAR ALGEBRA	6	MCB1004/MB0006	LINEAR ALGEBRA/LİNEER CEBİR I	6/6			
TOPLAM		31	TOPLAM		33	TOPLAM		33/30	TOPLAM		0
2. YARIYIL			2. YARIYIL			2. YARIYIL			2. YARIYIL		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
ATA2001	ATATÜRK İLKELERİ VE İNKILAP TARİHİ II	2	ATA2001	PRINCIPLES OF ATATURK & HISTORY OF REFORMS II	2	ATA2001/ATA2001	PRINCIPLES OF ATATURK & HISTORY OF REFORMS II/ATATÜRK İLKELERİ VE İNKILAP TARİHİ II	2/2			
YDI2001	YABANCI DİL II (İNGİLİZCE)	3	EE2011	ACADEMIC ENGLISH FOR ELECTRICAL AND ELECTRONICS ENGINEERIN	3	EE2011/YDI2001	ACADEMIC ENGLISH FOR ELECTRICAL AND ELECTRONICS ENGINEERING II/YABANCI DİL II (İNGİLİZCE)	3/3			
MB0005	ANALİZ II	6	MCB1002	CALCULUS II	7	MCB1002/MB0005	CALCULUS II/ANALİZ II	7/6			
TR2001	TÜRKÇE II	2	TR2001	TURKISH II	2	TR2001/TR2001	TURKISH II/TÜRKÇE II	2/2			
MB0006	LİNEER CEBİR I	6	EE2021	CHEMISTRY	6				EE2021	CHEMISTRY	6
MB0007	PROGRAMLAMA DİLLERİ I	5	MCB1005	DIFFERENTIAL EQUATIONS	6	MCB1005/MB0011	DIFFERENTIAL EQUATIONS/DİFERANSİYEL DENKLEMLER I	6/5			
MB0008	BİLGİSAYAR ALGORİTMALARINA GİRİŞ	6	EE2202	ELECTRIC CIRCUITS LABORATORY	3				EE2202	ELECTRIC CIRCUITS LABORATORY	3
			EE2221	INTRODUCTION TO ELECTRIC CIRCUITS	6				EE2221	INTRODUCTION TO ELECTRIC CIRCUITS	6
TOPLAM		30	TOPLAM		35	TOPLAM		20/18	TOPLAM		15
3. YARIYIL			3. YARIYIL			3. YARIYIL			3. YARIYIL		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
MB0009	ANALİZ III	6	EE3203	LOGIC CIRCUITS LABORATORY	3				EE3203	LOGIC CIRCUITS LABORATORY	3
MB0010	CEBİR I	6	EE3221	CIRCUIT ANALYSIS	6				EE3221	CIRCUIT ANALYSIS	6
MB0011	DİFERANSİYEL DENKLEMLER I	5	EE3222	LOGIC DESIGN	6				EE3222	LOGIC DESIGN	6
MB0012	PROGRAMLAMA DİLLERİ II	6	EE3301	INTRODUCTION TO ELECTROMAGNETICS	5	EE3301/MB0016	INTRODUCTION TO ELECTROMAGNETICS/DİFERANSİYEL DENKLEMLER II	5/5			
MB0013	GÖRSEL PROGRAMLAMA	5	EE3411	SIGNALS AND SYSTEMS	6				EE3421	SIGNALS AND SYSTEMS	6
	SEÇİMLİK ALAN DIŞI DERSLERİ (SAD)	2	MCB1008	NUMERICAL METHODS	6	MCB1008/MB0028	NUMERICAL METHODS / NÜMERİK ANALİZ I	6/5			
TOPLAM		30	TOPLAM		32	TOPLAM		11/10	TOPLAM		21
4. YARIYIL			4. YARIYIL			4. YARIYIL			4. YARIYIL		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
MB0014	ANALİZ IV	6	EE4121	INTRODUCTION TO RANDOM SIGNALS	5	EE4121/MB0017	INTRODUCTION TO RANDOM SIGNALS/OLASILIK VE İSTATİSTİK	5/6			
MB0015	CEBİR II	6	EE4201	ELECTRONIC CIRCUITS I	6				EE4201	ELECTRONIC CIRCUITS I	6
MB0016	DİFERANSİYEL DENKLEMLER II	5	EE4202	ELECTRONIC CIRCUITS I LABORATORY	3				EE4202	ELECTRONIC CIRCUITS I LABORATORY	3
MB0017	OLASILIK VE İSTATİSTİK	6	EE4321	ELECTROMAGNETIC FIELD THEORY	6				EE4321	ELECTROMAGNETIC FIELD THEORY	6
MB0018	MATLAB PROGRAMLAMA	5	EE4401	INTRODUCTION TO TELECOMMUNICATION	6				EE4401	INTRODUCTION TO TELECOMMUNICATION	6
	SEÇİMLİK ALAN DIŞI DERSLERİ (SAD)	2	EE4402	TELECOMMUNICATION LABORATORY	3				EE4402	TELECOMMUNICATION LABORATORY	3
TOPLAM		30	TOPLAM		29	TOPLAM		5/6	TOPLAM		24
5. YARIYIL			5. YARIYIL			5. YARIYIL			5. YARIYIL		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
MB0019	AYRIK MATEMATİK	5	EE5021	INDUSTRY TRAINING I	3				EE5021	INDUSTRY TRAINING I	3
MB0020	VERİ YAPILARI	5	EE5221	ELECTRONIC CIRCUITS II	5				EE5221	ELECTRONIC CIRCUITS II	5
MB0021	VERİTABANI YÖNETİM SİSTEMLERİ	5	EE5202	ELECTRONIC CIRCUITS II LABORATORY	3				EE5202	ELECTRONIC CIRCUITS II LABORATORY	3
MB1022	FİZİK I	3	EE5203	MICROPROCESSORS	5				EE5203	MICROPROCESSORS	5
MB2022	FİZİK LABORATUVARI I	2	EE5321	ELECTROMAGNETIC WAVE THEORY	5				EE5321	ELECTROMAGNETIC WAVE THEORY	5
MB0023	STAJ I	2	EE5401	DIGITAL SIGNAL PROCESSING	5				EE5401	DIGITAL SIGNAL PROCESSING	5
	SEÇİMLİK ALAN DERSLERİ (SA)	10		SEÇİMLİK ALAN DIŞI DERSLERİ (SAD)	2		SEÇİMLİK ALAN DIŞI DERSLERİ (SAD)	2/2			
TOPLAM		32	TOPLAM		28	TOPLAM		2/2	TOPLAM		26
6. YARIYIL			6. YARIYIL			6. YARIYIL			6. YARIYIL		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
MB0024	SAYILAR TEORİSİ I	5	EE6021	TECHNICAL WRITING AND PRESENTATION	4				EE6021	TECHNICAL WRITING AND PRESENTATION	4
MB0025	ALGORİTMA ANALİZİ VE TASARIMI	5	EE6025	ELECTROMECHANICAL ENERGY CONVERSION	5				EE6025	ELECTROMECHANICAL ENERGY CONVERSION	5
MB0026	KOMPLEKS ANALİZ I	5	EE6023	MATERIALS SCIENCE	3				EE6023	MATERIALS SCIENCE	3
MB1027	FİZİK II	3		SEÇİMLİK ALAN DERSİ (SA)	18					SEÇİMLİK ALAN DERSİ (SA)	18
MB2027	FİZİK LABORATUVARI II	2		SEÇİMLİK ALAN DIŞI DERSLERİ (SAD)	2		SEÇİMLİK ALAN DIŞI DERSLERİ (SAD)	2/2			
	SEÇİMLİK ALAN DERSLERİ (SA)	10									
TOPLAM		30	TOPLAM		32	TOPLAM		2/2	TOPLAM		30
7. YARIYIL			7. YARIYIL			7. YARIYIL			7. YARIYIL		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
MB0028	NÜMERİK ANALİZ I	5	EE7021	INDUSTRY TRAINING II	3				EE7021	INDUSTRY TRAINING II	3
MB0029	SİSTEM ANALİZİ	5	ENC1001	ENGINEERING ORIENTATION	2				ENC1001	ENGINEERING ORIENTATION	2
MB0030	STAJ II	2		SEÇİMLİK ALAN DERSLERİ (SA)	24					SEÇİMLİK ALAN DERSLERİ (SA)	24
	SEÇİMLİK ALAN DERSLERİ (SA)	20									
TOPLAM		32	TOPLAM		29	TOPLAM		0/0	TOPLAM		29
8. YARIYIL			8. YARIYIL			8. YARIYIL			8. YARIYIL		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
MB0031	BİTİRME PROJESİ	5	EE0800	GRADUATION PROJECT	12				EE0800	GRADUATION PROJECT	12
MB0032	İNTERNET TEKNOLOJİLERİ VE WEB PROGRAMLAMA	5		SEÇİMLİK ALAN DERSLERİ (SA)	18					SEÇİMLİK ALAN DERSLERİ (SA)	18
	SEÇİMLİK ALAN DERSLERİ (SA)	20									
TOPLAM		30	TOPLAM		30	TOPLAM		0/0	TOPLAM		30

TOPLAM			245	TOPLAM			248	TOPLAM			73/68	TOPLAM			175
SEÇİMLİK ALAN DERSLERİ (SA)				SEÇİMLİK ALAN DERSLERİ (SA)				EŞDEĞER DERSLER (SA) SEÇİMLİK DERSLER				ÇİFT ANADALINDA ALACAĞI (SA) / (SAD) SEÇİMLİK DERSLER			
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	
MB0033	METRİK VE TOPOLOJİK UZAYLAR	5	EE0801	SPECIAL TOPICS IN ELECTRONIC ENGINEERING I	6							EE0801	SPECIAL TOPICS IN ELECTRONIC ENGINEERING I	6	
MB0034	İŞLETİM SİSTEMLERİ	5	EE0802	SPECIAL TOPICS IN ELECTRONIC ENGINEERING II	6							EE0802	SPECIAL TOPICS IN ELECTRONIC ENGINEERING II	6	
MB0035	DİFERANSİYEL GEOMETRİ	5	EE0803	MANAGEMENT FOR ENGINEERS	6							EE0803	MANAGEMENT FOR ENGINEERS	6	
MB0036	UYGULAMALI İSTATİSTİK	5	EE0804	ACADEMIC WRITING	6							EE0804	ACADEMIC WRITING	6	
MB0037	FİNANS MATEMATİĞİ UYGULAMALARI	5	EE0805	ELECTRICAL MEASUREMENT	6							EE0805	ELECTRICAL MEASUREMENT	6	
MB0038	VERİ MADENCİLİĞİ	5	EE0806	CIRCUIT SYNTHESIS	6							EE0806	CIRCUIT SYNTHESIS	6	
MB0039	İNTEGRAL DENKLEMLER	5	EE0808	BIOMEDICAL INSTRUMENTATION	6							EE0808	BIOMEDICAL INSTRUMENTATION	6	
MB0040	AKTÜERYA MATEMATİĞİ I	5	EE0809	INDUSTRIAL ELECTRONICS	6							EE0809	INDUSTRIAL ELECTRONICS	6	
MB0041	AKTÜERYA MATEMATİĞİ II	5	EE0810	MICROWAVE ENGINEERING	6							EE0810	MICROWAVE ENGINEERING	6	
MB0042	YÖNEYLEM ARAŞTIRMASI	5	EE0811	INTRODUCTION TO ANTENNAS	6							EE0811	INTRODUCTION TO ANTENNAS	6	
MB0043	VERİ ANALİZİ	5	EE0812	COMMUNICATION ELECTRONICS	6							EE0812	COMMUNICATION ELECTRONICS	6	
MB0044	KOMPLEKS ANALİZ II	5	EE0813	SIGNAL PROCESSING APPLICATIONS	6							EE0813	SIGNAL PROCESSING APPLICATIONS	6	
MB0045	TOPOLOJİ	5	EE0814	INTRODUCTION TO IMAGE PROCESSING	6							EE0814	INTRODUCTION TO IMAGE PROCESSING	6	
MB0046	MATEMATİK TARİHİ	5	EE0815	ADAPTIVE FILTERS	6							EE0815	ADAPTIVE FILTERS	6	
MB0047	BİLGİSAYARDA GRAFİK	5	EE0816	DIGITAL COMMUNICATION	6							EE0816	DIGITAL COMMUNICATION	6	
MB0048	ZAMAN SERİLERİ	5	EE0817	DIGITAL COMMUNICATION LAB.	6							EE0817	DIGITAL COMMUNICATION LAB.	6	
MB0049	PAKET PROGRAMLAR VE UYGULAMALARI	5	EE0818	WIRELESS AND MOBILE NETWORKS	6							EE0818	WIRELESS AND MOBILE NETWORKS	6	
MB0050	GRAFİK KURAMINA GİRİŞ	5	EE0819	WIDEBAND WIRELESS CELLULAR NETWORKS	6							EE0819	WIDEBAND WIRELESS CELLULAR NETWORKS	6	
MB0051	SAYILAR TEORİSİ II	5	EE0820	FIBEROPTIC COMMUNICATION	6							EE0820	FIBEROPTIC COMMUNICATION	6	
MB0052	KODLAMA KURAMINA GİRİŞ	5	EE0821	ELECTRICAL MACHINES	6							EE0821	ELECTRICAL MACHINES	6	
MB0053	BİLGİSAYAR AĞLARI	5	EE0822	ELECTRICAL DISTRIBUTION SYSTEMS	6							EE0822	ELECTRICAL DISTRIBUTION SYSTEMS	6	
MB0054	FONKSİYONEL ANALİZ	5	EE0823	HIGH VOLTAGE TECHNIQUE	6							EE0823	HIGH VOLTAGE TECHNIQUE	6	
MB0055	KRİPTOGRAFI	5	EE0824	INTRODUCTION TO NANOELECTRONICS	6							EE0824	INTRODUCTION TO NANOELECTRONICS	6	
MB0056	AĞ GÜVENLİĞİ	5	EE0825	SEMICONDUCTOR TECHNOLOGY	6							EE0825	SEMICONDUCTOR TECHNOLOGY	6	
MB0057	REGRESYON ANALİZİ	5	EE0827	EMBEDDED SYSTEM APPLICATIONS	6							EE0827	EMBEDDED SYSTEM APPLICATIONS	6	
MB0058	YAPAY ZEKA	5	EE0828	CMOS VLSI DESIGN-1	6							EE0828	CMOS VLSI DESIGN-1	6	
MB0059	REEL ANALİZ	5	EE0829	CMOS VLSI DESIGN-2	6							EE0829	CMOS VLSI DESIGN-2	6	
MB0060	MATRİS ANALİZİ	5	EE0830	ELECTROMAGNETIC COMPATIBILITY	6							EE0830	ELECTROMAGNETIC COMPATIBILITY	6	
MB0061	YAZILIM GELİŞTİRME	5	EE0831	ELECTROACOUSTICS	6							EE0831	ELECTROACOUSTICS	6	
MB0062	İLERİ ANALİZ I	5	EE0832	RADAR PRINCIPLES	6							EE0832	RADAR PRINCIPLES	6	
MB0063	İLERİ ANALİZ II	5	EE0833	SATELLITE COMMUNICATION	6							EE0833	SATELLITE COMMUNICATION	6	
MB0064	LİNEER CEBİR II	5	EE0834	TRANSMISSION LINES	6							EE0834	TRANSMISSION LINES	6	
MB0065	AKADEMİK İNGİLİZCE	5	EE0835	IMAGE PROCESSING WITH APPLICATIONS TO NEURAL NETWORKS	6							EE0835	IMAGE PROCESSING WITH APPLICATIONS TO NEURAL NETWORKS	6	
MB0066	GİRİŞİMCİLİK I	5	EE0836	DIGITAL SPEECH PROCESSING	6							EE0836	DIGITAL SPEECH PROCESSING	6	
MB0067	GİRİŞİMCİLİK II	5	EE0837	COMPUTER NETWORKS	6							EE0837	COMPUTER NETWORKS	6	
MB0068	CEBİR III	5	EE0838	DIGITAL COMMUNICATION SYSTEMS	6							EE0838	DIGITAL COMMUNICATION SYSTEMS	6	
MB0069	CEBİR IV	5	EE0839	ADVANCED COMMUNICATION SYSTEMS	6							EE0839	ADVANCED COMMUNICATION SYSTEMS	6	
MB0070	KİSMİ TÜREVLİ DİFERANSİYEL DENKLEMLER	5	EE0840	ADVANCED LOGIC DESIGN	6							EE0840	ADVANCED LOGIC DESIGN	6	
MB0071	NÜMERİK ANALİZ II	5	EE0841	INTRODUCTION TO OPTIMIZATION	6							EE0841	INTRODUCTION TO OPTIMIZATION	6	
MB0072	NESNE YÖNELİMLİ PROGRAMLAMA	5	EE0842	POWER ELECTRONICS	6							EE0842	POWER ELECTRONICS	6	
MB0073	YAZILIM SÜREÇ VE MODELLEME	5	EE0843	INDUSTRIAL INSTRUMENTATION AND DESIGN	6							EE0843	INDUSTRIAL INSTRUMENTATION AND DESIGN	6	
			EE0844	LIGHTING DESIGN	6							EE0844	LIGHTING DESIGN	6	
			EE0845	RENEWABLE ENERGY SOURCES	6							EE0845	RENEWABLE ENERGY SOURCES	6	
			EE0846	CONTROL SYSTEMS	6							EE0846	CONTROL SYSTEMS	6	
			EE0847	INTRODUCTION TO MICROELECTRONICS	6							EE0847	INTRODUCTION TO MICROELECTRONICS	6	
			EE0848	MACHINE LEARNING FOR SIGNAL PROCESSING	6							EE0848	MACHINE LEARNING FOR SIGNAL PROCESSING	6	
			EE0849	INTRODUCTION TO ROBOTICS	6							EE0849	INTRODUCTION TO ROBOTICS	6	
			EE0850	COMPUTER ARCHITECTURE	6							EE0850	COMPUTER ARCHITECTURE	6	
			CSE0440	ARTIFICIAL INTELLIGENCE	6							CSE0440	ARTIFICIAL INTELLIGENCE	6	
			CSE0449	INTERNET OF THINGS	6							CSE0449	INTERNET OF THINGS	6	
			CSE0454	COMPUTER VISION	6	CSE0454/MB047	COMPUTER VISION/BİLGİSAYARDA GRAFİK	6/5				CSE0454	COMPUTER VISION	6	
			IE0504	STRATEGIC MANAGEMENT	5							IE0504	STRATEGIC MANAGEMENT	5	
			IE0505	MARKETING MANAGEMENT	5							IE0505	MARKETING MANAGEMENT	5	
			IE0506	INTRODUCTION TO BUSINESS MANAGEMENT	4							IE0506	INTRODUCTION TO BUSINESS MANAGEMENT	4	
			IE0507	ORGANIZATIONAL BEHAVIOUR AND HUMAN RESOURCES	4							IE0507	ORGANIZATIONAL BEHAVIOUR AND HUMAN RESOURCES	4	
			CE0530	OCCUPATIONAL HEALTH AND SAFETY	4							CE0530	OCCUPATIONAL HEALTH AND SAFETY	4	
			CE0813	RISK MANAGEMENT	4							CE0813	RISK MANAGEMENT	4	
TOPLAM		205	TOPLAM		332	TOPLAM		0	TOPLAM		332				