

BALIKESİR ÜNİVERSİTESİ
BALIKESİR MESLEK YÜKSEKOKULU
ELEKTRONİK VE OTOMASYON BÖLÜMÜ
ELEKTRONİK TEKNOLOJİSİ PROGRAMI
2023-2024 EĞİTİM-ÖĞRETİM YILI DERS PLANI

1. SINIF 1. YARIYIL								1. SINIF 2. YARIYIL								
DERS KODU	DERSİN ADI	Kategori	T	U	L	K	AKTS	DERS KODU	DERSİN ADI	Kategori	T	U	L	K	AKTS	
ENO1101	Matematik-I	Z	2	1		2.5	3	ENO1201	Matematik-II	Z	2	1		2.5	3	
ENO1102	Doğru Akım Devre Analizi	M	3	1		3.5	4	ENO1202	Alternatif Akım Devre Analizi	M	3	1		3.5	4	
ENO1103	Sayısal Elektronik	M	3	1		3.5	4	ENO1203	Sayısal Tasarım	M	3	1		3.5	4	
ENO1104	Elektronik Ölçme Tekniği ve İş Güvenliği	M	3	1		3.5	4	ENO1204	Elektronik-I	M	3	1		3.5	4	
ENO1105	Algoritma ve Programlama	M	2	0		2	2	ENO1205	Bilgisayar Destekli Tasarım-I (CAD-I)	M	2	0		2	3	
ENE1109	Seslendirme ve Aydınlatma Tekniği	M	1	1		1.5	3	ENO1206	İşletme ve Kalite Yönetimi	M	2	0		2	2	
								Seçmeli Ders			S	0	0		0	8
TOPLAM			14	5		16.5	20	TOPLAM			15	4		17	28	
AIT1101	Atatürk İlkeleri ve İnkılap Tarihi-I	Z	2	0		2	2	AIT1201	Atatürk İlkeleri ve İnkılap Tarihi-II	Z	2	0		2	2	
TDI1101	Türk Dili-I	Z	2	0		2	2	TDI1201	Türk Dili-II	Z	2	0		2	2	
YDI1101	Yabancı Dil-I (İngilizce)	Z	2	0		2	2	YDI1201	Yabancı Dil-II (İngilizce)	Z	2	0		2	2	
GENEL TOPLAM			20	5		22.5	26	GENEL TOPLAM			21	4		23	34	

1. SINIF 2. YARIYIL							
STJ1201	Staj	S	0	0		0	8
STJ1202	Alan Uygulamaları	S	0	0		0	8

2. SINIF 1. YARIYIL								2. SINIF 2. YARIYIL							
DERS KODU	DERSİN ADI	Kategori	T	U	L	K	AKTS	DERS KODU	DERSİN ADI	Kategori	T	U	L	K	AKTS
ENE2120	Mikrodenetleyiciler	M	3	1		3.5	4	ENE2210	Programlanabilir Denetleyiciler	M	3	1		3.5	5
ENE2121	Elektronik-II	M	3	1		3.5	4	ENE2218	Elektrik Motor ve Sürücüler	M	3	0		3	5
ENE2112	Sensörler ve Dönüştürücüler	M	3	0		3	4	ENE2219	Arıza Analizi	M	2	1		2.5	5
ENE2122	Sistem Analizi ve Tasarımı-I	M	0	2		1	1	ENE2217	Sistem Analizi ve Tasarımı-II	M	0	2		1	2
	SEÇMELİ DERS-1	S	1	1		1.5	3		SEÇMELİ DERS-1	S	2	0		2	3
	SEÇMELİ DERS-2	S	3	1		3.5	6		SEÇMELİ DERS-2	S	3	1		3.5	5
	SEÇMELİ DERS-3	S	1	1		1.5	4		SEÇMELİ DERS-3	S	3	1		3.5	5
	SEÇMELİ DERS-4	S	1	1		1.5	4	GENEL TOPLAM			16	6		19	30
GENEL TOPLAM			15	8		19	30								

2. SINIF 1. YARIYIL SEÇMELİ DERSLERİ								2. SINIF 2. YARIYIL SEÇMELİ DERSLERİ							
ENO2105	Bilgisayar Destekli Tasarım-II (CAD-II)	S	1	1		1.5	3	ENE2220	Radyo Tv. Tekniği	S	1	1		1.5	3
ENE2123	Güç Elektroniği	S	3	1		3.5	6	ENE2214	Tıbbi Cihazlar	S	3	1		3.5	5
ENE2124	Eln. Güvenlik Sistemleri	S	1	1		1.5	4	ENE2213	Kontrol Sistemleri	S	3	1		3.5	5
ENE2125	Mesleki Yabancı Dil-I	S	1	1		1.5	4	ENE2215	Scada Sistemleri	S	3	1		3.5	5
ENE2126	Bilgisayar Programlama	S	1	1		1.5	4	ENE2209	İleri Mikrodenetleyiciler	S	3	1		3.5	5
ENE2128	Yenilenebilir Enerji Kaynakları ve Uygulamaları	S	1	1		1.5	4	ENE2212	Mesleki Yabancı Dil-II	S	2	0		2	3
ENE2127	Web Tasarımının Temelleri	S	1	1		1.5	4								

BALIKESIR UNIVERSITY
BALIKESIR VOCATIONAL SCHOOL
DIVISION OF ELECTRONIC AND AUTOMATION
ELECTRONIC TECHNOLOGY PROGRAM
2023-2024 ACADEMIC YEAR COURSE PLAN

1st YEAR 1st SEMESTER								1st YEAR 2nd SEMESTER								
COURSE CODE	COURSE	Category	I	A	L	C	ECTS	COURSE CODE	COURSE	Category	I	A	L	C	ECTS	
ENO1101	Mathematics-I	C	2	1		2.5	3	ENO1201	Mathematics-II	C	2	1		2.5	3	
ENO1102	DC Circuit Analysis	V	3	1		3.5	4	ENO1202	AC. Circuit Analysis	V	3	1		3.5	4	
ENO1103	Digital Electronics	V	3	1		3.5	4	ENO1203	Digital Design	V	3	1		3.5	4	
ENO1104	Electronic measuring Technique and Safety	V	3	1		3.5	4	ENO1204	Electronics-I	V	3	1		3.5	4	
ENO1105	Algorithm and Programming	V	2	0		2	2	ENO1205	Computer Aided Design-I (CAD-I)	V	2	0		2	3	
ENE1109	Audio And Lighting Systems	V	1	1		1.5	3	ENO1206	Business and quality management	V	2	0		2	2	
								ELECTIVE COURSES			O	0	0		0	8
TOTAL			14	5		16.5	20	TOTAL			15	4		17	28	
AIT1101	Atatürk's Principles and Republic History-I	C	2	0		2	2	AIT1201	Atatürk's Principles and Republic History-II	C	2	0		2	2	
TDI1101	Turkish-I	C	2	0		2	2	TDI1201	Turkish-II	C	2	0		2	2	
YDI1101	English-I	C	2	0		2	2	YDI1201	English-II	C	2	0		2	2	
TOTAL			20	5		22.5	26	TOTAL			21	4		23	34	

1st YEAR 2nd SEMESTER ELECTIVE COURSES							
STJ1201	Internship	S	0	0		0	8
STJ1202	Field applications	S	0	0		0	8

2nd YEAR 1st SEMESTER								2nd YEAR 2nd SEMESTER							
COURSE CODE	COURSE	Category	I	A	L	C	ECTS	COURSE CODE	COURSE	Category	I	A	L	C	ECTS
ENE2120	Microcontrollers	V	3	1		3.5	4	ENE2210	Programmable Logic Controllers	V	3	1		3.5	5
ENE2121	Electronics-II	V	3	1		3.5	4	ENE2118	Electric Motors and Their Drivers	V	3	0		3	5
ENE2112	Sensors And Transducers	V	3	0		3	4	ENE2219	Troubleshooting Analysis	V	2	1		2.5	5
ENE2122	System Analysis And Design-I	V	0	2		1	1	ENE2217	System Analysis And Design-II	V	0	2		1	2
	ELECTIVE COURSES-1	O	1	1		1.5	3		ELECTIVE COURSES-1	O	2	0		2	3
	ELECTIVE COURSES-2	O	3	1		3.5	6		ELECTIVE COURSES-2	O	3	1		3.5	5
	ELECTIVE COURSES-3	O	1	1		1.5	4		ELECTIVE COURSES-3	O	3	1		3.5	5
	ELECTIVE COURSES-4	O	1	1		1.5	4	TOTAL			16	6		19	30
TOTAL			15	8		19	30								

2nd YEAR 1st SEMESTER ELECTIVE COURSES							2nd YEAR 2nd SEMESTER ELECTIVE COURSES								
ENO2105	Computer Aided Design-II (CAD-II)	O	1	1		1.5	3	ENE2220	Radio TV Technique	O	1	1		1.5	3
ENE2123	Power Electronics	O	3	1		3.5	6	ENE2214	Medical Electronics	O	3	1		3.5	5
ENE2124	Electronic Security Systems	O	1	1		1.5	4	ENE2213	Control Systems	O	3	1		3.5	5
ENE2125	Vocational Foreign Language-I	O	1	1		1.5	4	ENE2215	Scada Systems	O	3	1		3.5	5
ENE2126	Computer Programming	O	1	1		1.5	4	ENE2209	Advanced Microcontroller	O	3	1		3.5	5
ENE2128	Renewable Energy Sources and Applications	O	1			1.5	4	ENE2212	Vocational Foreign Language-II	O	2	0		2	3
ENE2127	Basics of Web Design	O	1	1		1.5	4								

KATEGORY :
V VOCATIONAL
C ELECTION
O OPTIONAL