

BALIKESIR UNIVERSITY
BALIKESIR VOCATIONAL SCHOOL
DIVISION OF ELECTRONIC AND AUTOMATION
ELECTRONIC TECHNOLOGY PROGRAM
2024-2025 ACADEMIC YEAR COURSE PLAN

1st YEAR 1st SEMESTER								1st YEAR 2nd SEMESTER								
<u>COURSE CODE</u>	<u>COURSE</u>	<u>Category</u>	<u>I</u>	<u>A</u>	<u>L</u>	<u>C</u>	<u>ECTS</u>	<u>COURSE CODE</u>	<u>COURSE</u>	<u>Category</u>	<u>I</u>	<u>A</u>	<u>L</u>	<u>C</u>	<u>ECTS</u>	
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	
								KTY1201	Career Planning	C	1	0		1	2	
								ELECTIVE COURSES			O	0	0		0	8
TOTAL			14	5		###	20	TOTAL			16	4		18	30	
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		###	26	TOTAL			22	4		24	36	

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							
<u>COURSE CODE</u>	<u>COURSE</u>	<u>Category</u>	<u>I</u>	<u>A</u>	<u>L</u>	<u>C</u>	<u>ECTS</u>	<u>COURSE CODE</u>	<u>COURSE</u>	<u>Category</u>	<u>I</u>	<u>A</u>	<u>L</u>	<u>C</u>	<u>ECTS</u>
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