

BALIKESIR UNIVERSITY
BALIKESIR VOCATIONAL SCHOOL
DIVISION OF ELECTRONIC AND AUTOMATION
ELECTRONIC TECHNOLOGY PROGRAM
2025-2026 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
ENE1109	Audio And Lighting Systems	V	1	1		1,5	3	ENO1205	Computer Aided Design-I (CAD-I)	V	2	0		2	3
ENO1106	Occupational Health and Safety	C	2	0		2	2	KRY1201	Career Planning	C	1	0		1	2
								STJ1203	Internship	Z	0	0		0	8
TOTAL			14	5		16,5	20	TOTAL			14	4		16	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			20	4		22	34

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	ENE2209	Advanced Microcontroller	O	3	1		3,5	5
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	ENE2212	Vocational Foreign Language-II	O	2	0		2	3
ENE2125	Vocational Foreign Language-I	O	1	1		1,5	4	ENE2215	Scada Systems	O	3	1		3,5	5
ENE2128	Renewable Energy Sources and Applications	O	1	1		1,5	4	ENE2213	Control Systems	O	3	1		3,5	5
ENE2126	Computer Programming	O	1	1		1,5	4	ENE2220	Radio TV Technique	O	2	0		2	3
ENE2127	Basics of Web Design	O	1	1		1,5	4								

KATEGORY :
V VOCATIONAL
C ELECTION
O OPTIONAL