

BALIKESIR UNIVERSITY
BALIKESIR VOCATIONAL SCHOOL
DEPARTMENT OF MACHINE AND METAL TECHNOLOGY
MACHINE PROGRAMME
2024-2025 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
MAK1108	Vocational Mathematics-I	V	3	1		3,5	4	MAK1208	Vocational Mathematics-II	V	2	0		2	2
MAK1109	Physics Science	V	2	2		3	3	MAK1209	Mechanical Drawing	V	3	0		3	3
MAK1110	Tecnical Drawing	V	3	1		3,5	4	MAK1210	Production Processes-I	V	3	1		3,5	4
MAK1111	Basic Production Processes	V	3	1		3,5	4	MAK1211	Material Tecnology	V	3	1		3,5	4
MAK1112	Information And Communication Technology	V	2	1		2,5	3	MAK1212	Measurement And Control	V	2	1		2,5	3
MAK1113	Occupational Health and Work Safety	V	2	0		2	2	MAK1213	Computer Aided Drawing-I	V	3	1		3,5	4
TOTAL			15	6		18	20	KRY1201	Career Planning	V	1	0		1	2
									ELECTIVE COURSES-1	O	0	0		0	8
								TOTAL					17	4	

AIT1101	Ataturk's Principals and History of Revolution-I	C	2	0		2	2	AIT1201	Ataturk's Principals and History of Revolution-II	C	2	0		2	2
TDI1101	Turkish Language-I	C	2	0		2	2	TDI1201	Turkish Language-II	C	2	0		2	2
YDI1101	English-I	C	2	0		2	2	YDI1201	English-II	C	2	0		2	2
TOTAL CREDITS			21	6		24	26	TOTAL CREDITS			22	4		24	36

1st YEAR 2nd SEMESTER ELECTIVE COURSES						
STJ1201	Internship	O	0	0		8
STJ1202	Field Applications	O	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
MAK2109	Production Processes-II	V	2	2		3	4	MAK2216	CNC Milling Machine Technology	V	3	1		3,5	6
MAK2110	Machine Compenents	V	2	1		2,5	3	MAK2217	Advanced Manufacturing Methods	V	3	0		3	4
MAK2123	Computer Aided Design-I (CAD-I)	V	2	1		2,5	4		ELECTIVE COURSES-1	E	1	2		2	3
MAK2112	Resistance	V	2	1		2,5	3		ELECTIVE COURSES-2	E	3	1		3,5	5
MAK2113	CNC Turning Machine Technology	V	3	1		3,5	6		ELECTIVE COURSES-3	E	2	0		2	3
	ELECTIVE COURSES-1	E	1	2		2	4		ELECTIVE COURSES-4	E	2	0		2	3
	ELECTIVE COURSES-2	E	2	0		2	3		ELECTIVE COURSES-5	E	2	0		2	3
	ELECTIVE COURSES-3	E	2	0		2	3		ELECTIVE COURSES-6	E	2	0		2	3
TOTAL			16	8		20	30	TOTAL			18	4		20	30

2nd YEAR 1st SEMESTER ELECTIVE COURSES								2nd YEAR 2nd SEMESTER ELECTIVE COURSES							
MAK2114	Computer Aided Manufacture-I	E	1	2		2	4	MAK2218	Computer Aided Manufacture-II	E	1	2		2	3
MAK2115	Quality Management System And Standarts	E	2	0		2	3	MAK2219	System Analysis And Design	E	2	0		2	3
MAK2116	Welding Technology	E	2	0		2	3	MAK2221	Hydraulic and Pneumatic	E	3	1		3,5	5
MAK2117	Thermodynamics	E	2	0		2	3	MAK2222	Reverse Engineering And Qality Control	E	2	0		2	3
MAK2118	Business Management-I	E	2	0		2	3	MAK2223	Work Dies	E	2	0		2	3
MAK2119	Quality Management System	E	2	0		2	3	MAK2224	Cutting Tools Technology	E	2	0		2	3
MAK2120	Research Method and Technics	E	2	0		2	3	MAK2225	Business Management -II	E	2	0		2	3
MAK2121	Professional Foreign Language-I	E	2	0		2	3	MAK2226	Professional Foreign Language-II	E	2	0		2	3
MAK2122	Communication	E	2	0		2	3	MAK2227	Professional Ethic	E	2	0		2	3
MAK2111	Computer Aided Drawing-II	E	2	0		2	3	MAK2228	Computer Aided Design-II (CAD-II)	E	2	0		2	3

KATEGORY :

V VOCATIONAL

C ELECTION