

BALIKESIR UNIVERSITY
BALIKESIR VOCATIONAL SCHOOL
MINING DEPARTMENT
MININGTECHNOLOGY PROGRAM
COURSE PLAN OF 2025-2026 TEACHING TERM

1. YEAR 1. TERM								1. YEAR 2. TERM							
COURSE CODE	COURSE TITLE	Category	T	A	C	L	ECTS	COURSE CODE	COURSE TITLE	Category	T	A	C	L	ECTS
MAD1101	Mineralogy and Petrography	V	2	1	2.5	0	3	MAD1217	Preparation and Excavation Works in Mines	V	2	2	3	0	2
MAD1102	Scientific Principles of Technology	V	2	1	2.5	0	3	MAD1218	Industrial Raw Materials and Techniques	V	2	2	3	0	2
MAD1103	Technical Mathematics	V	3	0	3	0	3	MAD1208	Ore Preparation	V	2	2	3	0	2
MAD1108	Geology	V	2	2	3	0	3	MAD1202	Drilling Technique	V	1	1	1.5	0	2
MAD1105	Chemistry	V	2	1	2.5	0	3	MAD1213	Geological Mapping	V	1	1	1.5	0	2
MAD1109	Surveying and Mapping Information	V	2	2	3	0	3	KRY1201	Carrier Planning	C	1	0	1	0	2
MAD1111	Computer Applications-I	V	1	1	1.5	0	2	STJ1203	Internship	C	0	0	0	0	8
									OPTIONAL COURSE	E	2	0	2	0	4
									OPTIONAL COURSE	E	2	0	2	0	4
	TOTAL		14	8	18	0	20		TOTAL		13	8	17	0	28
AIT1101	The Ataturk Principles and History of Revaluation-I	C	2	0	2.0	0	2	AIT1201	The Ataturk Principles and History of Revaluation-II	C	2	0	2	0	2
TDI1101	Turkish Language-I	C	2	0	2.0	0	2	TDI1201	Turkish Language-II	C	2	0	2	0	2
YDI1101	Foreign Language-I	C	2	0	2.0	0	2	YDI1201	Foreign Language-II	C	2	0	2	0	2
GENERAL TOTAL			20	8	24	0	26	GENERAL TOTAL			19	8	23	0	34

1.nd YEAR 2.OPTIONAL COURSES						
MAD1209	Rock Mechanics	E	2	0	2	4
MAD1212	Quality Assurance and Standards	E	2	0	2	4
MAD1210	Mineral Deposits	E	2	0	2	4
MAD1216	Entrepreneurship	E	2	0	2	4

2. YEAR 1. TERM								2. YEAR 2.TERM							
COURSE CODE	COURSE TITLE	Category	T	A	C	L	ECTS	COURSE CODE	COURSE TITLE	Category	T	A	C	L	ECTS
MAD2111	Mineral Processing	V	2	1	2.5	0	3	MAD2214	Mining Machinery	V	3	0	3	0	3
MAD2112	Open-Pit Mining Methods	V	3	0	3	0	3	MAD2215	Flotation	V	2	1	2.5	0	4
MAD2119	Underground Mining Methots	V	3	0	3	0	3	MAD2216	Plant Design and Management Economy	V	3	0	3	0	3
MAD2114	Transportation and Water Drainage in Mines	V	2	1	2.5	0	3	MAD2217	Coal Processing Technology	V	2	0	2	0	2
MAD2115	Mine Ventilation and Safety	V	3	0	3	0	3	MAD2223	Occupational Heath and Safety	V	2	0	2	0	2
MAD2120	Support	V	2	1	2.5	0	3	MAD2225	Computer Applications-II	V	1	1	1.5	0	4
	OPTIONAL COURSE	E	1	1	1.5	0	4		OPTIONAL COURSE	E	2	0	2	0	4
	OPTIONAL COURSE	E	1	1	1.5	0	4		OPTIONAL COURSE	E	2	0	2	0	4
	OPTIONAL COURSE	E	1	1	1.5	0	4		OPTIONAL COURSE	E	2	0	2	0	4
	TOTAL		18	6	21.0	0	30		TOTAL		19	2	20	0	30

2.nd YEAR 1.OPTIONAL COURSES							2.nd YEAR 2.OPTIONAL COURSES						
MAD2121	Mining and Labor Law	E	1	1	1.5	4	MAD2220	Environmnet and Waste Management	E	2	0	2	4
MAD2122	Technical English	E	1	1	1.5	4	MAD2209	Explosive Material Techniques and Applications	E	2	0	2	4
MAD2123	Solid-Liquid Separation	E	1	1	1.5	4	MAD2210	Marble Production and Processing Techniques	E	2	0	2	4
MAD2124	Hydrometallurgy	E	1	1	1.5	4	MAD2211	Gemstones and Processing Technology	E	2	0	2	4
MAD2125	Statistics	E	1	1	1.5	4	MAD2222	Project	E	0	2	1	4
MAD2126	Energy Sources	E	1	1	1.5	4	MAD2213	Research Methods and Techniques	E	2	0	2	4

CATEGORY :

C Compulsory
E Elective
V Vocational