

1st YEAR FALL SEMESTER

COURSE CODE	COURSE NAME	T	U	K	ECTS
OD 107	CAREER PLANNING	1	0	1	2
OD 113	TURKISH I	2	0	2	2
OD 117	ADVANCED ENGLISH I	3	0	3	4
TM 105	MATHEMATICS I	4	0	4	5
TM 107	GENERAL CHEMISTRY	3	1	4	5
TM 109	PHYSICS I	3	1	4	5
BM 101	INTRODUCTION TO COMPUTER ENGINEERING	2	0	2	3
BM 103	INTRODUCTION TO COMPUTING	3	1	4	4
TOTAL		21	3	24	30

1st YEAR SPRING SEMESTER

COURSE CODE	COURSE NAME	T	U	K	ECTS
OD 114	TURKISH II	2	0	2	2
OD 118	ADVANCED ENGLISH II	3	0	3	4
TM 106	MATHEMATICS II	4	0	4	5
TM 108	PHYSICS II	3	1	4	5
TM 110	LINEAR ALGEBRA	3	0	3	4
BM 102	DISCRETE COMPUTATIONAL STRUCTURES	3	0	3	5
BM 104	COMPUTER PROGRAMMING	3	1	4	5
TOTAL		21	2	22	30

2nd YEAR FALL SEMESTER

COURSE CODE	COURSE NAME	T	U	K	ECTS
TM 203	DIFFERENTIAL EQUATIONS	3	0	3	5
BM 201	BASIC ELECTRICAL CIRCUITS	3	0	3	5
BM 203	DATA STRUCTURES	3	1	4	6
BM 205	OBJECT ORIENTED PROGRAMMING	3	1	4	5
BM 207	PROBABILITY AND ISTATISTICS	3	0	3	4
BM 209	OCCUPATIONAL HEALTH AND SAFETY I	2	0	2	3
BM 211	TECHNICAL ENGLISH	2	0	2	2
TOTAL		19	2	20	30

2nd YEAR SPRING SEMESTER

COURSE CODE	COURSE NAME	T	U	K	ECTS
TM 204	NUMERICAL ANALYSIS	3	0	3	4
BM 202	INTRODUCTION TO ELECTRONICS	3	0	3	5
BM 204	LOGIC DESIGN	3	1	4	5
BM 206	PROGRAMMING LANGUAGE CONCEPTS	3	1	4	6
BM 208	FORMAL LANGUAGES AND AUTOMATA THEORY	3	0	3	5
BM 210	OCCUPATIONAL HEALTH AND SAFETY II	2	0	2	3
BM 212	BUSINESS ENGLISH	2	0	2	2
TOTAL		19	2	20	30

3rd YEAR FALL SEMESTER

COURSE CODE	COURSE NAME	T	U	K	ECTS
BM 301	SYSTEM PROGRAMMING	3	1	4	5
BM 303	COMPUTER ORGANIZATION	3	0	3	5
BM 305	ALGORITHMS	3	0	3	5
BM 307	OPERATING SYSTEMS	3	0	3	5
BM 309	DATA MANAGEMENT AND FILE STRUCTURES	3	0	3	5
	TECHNICAL ELECTIVE I	3	0	3	5
TOTAL		18	1	4	30

3rd YEAR SPRING SEMESTER

COURSE CODE	COURSE NAME	T	U	K	ECTS
BM 302	INTERNET PROGRAMMING	3	1	4	5
BM 304	INTRODUCTION TO EMBEDDED SYSTEMS DESIGN	3	1	4	5
BM 306	SIGNALS AND SYSTEMS	3	0	3	5
BM 308	DATABASE MANAGEMENT SYSTEMS	3	0	3	5
	TECHNICAL ELECTIVE II	3	0	3	5
	TECHNICAL ELECTIVE III	3	0	3	5
TOTAL		18	2	19	30

4th YEAR FALL SEMESTER

COURSE CODE	COURSE NAME	T	U	K	ECTS
OD 111	ATATURK PRINCIPLES AND HISTORY OF TURKISH REVOLUTION I	2	0	2	2
BM 401	DATA COMMUNICATIONS AND NETWORKING	3	0	3	5
BM 403	INTRODUCTION TO COMPUTER GRAPHICS	3	0	3	5
BM 405	PROJECT DEVELOPMENT FOR COMPUTER ENGINEERING	1	2	2	5
	TECHNICAL ELECTIVE IV	3	0	3	5
	TECHNICAL ELECTIVE V	3	0	3	5
	GENERAL ELECTIVE I	2	0	2	3
TOTAL		17	2	18	30

4th YEAR SPRING SEMESTER

COURSE CODE	COURSE NAME	T	U	K	ECTS
OD 112	ATATURK PRINCIPLES AND HISTORY OF TURKISH REVOLUTION I	2	0	2	2
BM 402	SOFTWARE ENGINEERING	3	0	3	5
BM 404	ARTIFICIAL INTELLIGENCE	3	0	3	5
BM 406	GRADUATION PROJECT	1	2	2	5
	TECHNICAL ELECTIVE VI	3	0	3	5
	TECHNICAL ELECTIVE VII	3	0	3	5
	GENERAL ELECTIVE II	2	0	2	3
TOTAL		17	2	18	30

TECHNICAL ELECTIVE I

COURSE CODE	COURSE NAME	T	U	K	ECTS
BM 321	DIGITAL SIGNAL PROCESSING	3	0	3	5
BM 323	FUZZY LOGIC	3	0	3	5
BM 325	PROGRAMMING WITH PYTHON	3	0	3	5
BM 327	PROGRAMMING WITH MATLAB	3	0	3	5
BM 329	INTRODUCTION TO DATA SCIENCE	3	0	3	5

TECHNICAL ELECTIVE II

COURSE CODE	COURSE NAME	T	U	K	ECTS
BM 322	INTRODUCTION TO GAME DESIGN	3	0	3	5
BM 324	SCIENTIFIC COMPUTING	3	0	3	5
BM 326	SYSTEM SIMULATION	3	0	3	5
BM 328	MICROPROCESSORS	3	0	3	5
BM 330	OPTIMIZATION TECHNIQUES	3	0	3	5

TECHNICAL ELECTIVE III

COURSE CODE	COURSE NAME	T	U	K	ECTS
BM 336	DATABASE DESIGN AND APPLICATIONS	3	0	3	5
BM 338	PROGRAMMING WITH JAVA	3	0	3	5
BM 340	INTRODUCTION TO CYBER SECURITY	3	0	3	5
BM 342	INTERNET OF THINGS	3	0	3	5
BM 344	INTRODUCTION TO MOBILE PROGRAMMING	3	0	3	5

TECHNICAL ELECTIVE IV

COURSE CODE	COURSE NAME	T	U	K	ECTS
BM 421	NATURAL LANGUAGE PROCESSING	3	0	3	5
BM 423	WINDOWS PROGRAMMING	3	0	3	5
BM 425	WIRELESS AND MOBILE NETWORKS	3	0	3	5
BM 427	CLOUD COMPUTING	3	0	3	5
BM 429	INTRODUCTION TO ROBOTICS	3	0	3	5

TECHNICAL ELECTIVE V

COURSE CODE	COURSE NAME	T	U	K	ECTS
BM 435	INTRODUCTION TO MACHINE LEARNING	3	0	3	5
BM 437	INTRODUCTION TO BIG DATA ANALYTICS	3	0	3	5
BM 439	INFORMATION SECURITY AND CRYPTOGRAPHY	3	0	3	5
BM 441	ADVANCED DIGITAL SYSTEM DESIGN	3	0	3	5
BM 443	IMAGE PROCESSING	3	0	3	5

TECHNICAL ELECTIVE VI

COURSE CODE	COURSE NAME	T	U	K	ECTS
BM 422	INTRODUCTION TO COMPUTER VISION	3	0	3	5
BM 424	HUMAN-COMPUTER INTERACTION	3	0	3	5
BM 426	COMPILER DESIGN	3	0	3	5
BM 428	MULTIMEDIA COMPUTING	3	0	3	5
BM 430	CONCURRENT AND DISTRIBUTED PROGRAMMING	3	0	3	5

TECHNICAL ELECTIVE VII

COURSE CODE	COURSE NAME	T	U	K	ECTS
BM 434	INTRODUCTION TO DATA MINING	3	0	3	5
BM 436	INTRODUCTION TO BIOINFORMATICS	3	0	3	5
BM 438	PARALLEL COMPUTING	3	0	3	5
BM 440	DISTRIBUTED SYSTEMS	3	0	3	5
BM 442	EVOLUTIONARY COMPUTING	3	0	3	5

GENERAL ELECTIVE I

COURSE CODE	COURSE NAME	T	U	K	ECTS
GS 001	RESEARCH METHODS	2	0	2	3
GS 003	TECHNICAL COMMUNICATION	2	0	2	3
GS 005	STRESS AND TIME MANAGEMENT	2	0	2	3
GS 007	OCCUPATIONAL HEALTH AND SAFETY	2	0	2	3
GS 009	PUBLIC ADMINISTRATION	2	0	2	3
GS 011	VOLUNTEERING	2	0	2	3
GS 013	ACADEMIC TURKISH	2	0	2	3
GS 015	CREATIVE DRAMA AND IMPROVISION	2	0	2	3
GS 017	HUMAN RESOURCES MANAGEMENT	2	0	2	3
GS 019	FIRST AID	2	0	2	3
GS 021	EMPLOYMENT LAW	2	0	2	3
GS 023	ENTERPRISE RESOURCE PLANNING	2	0	2	3
GS 025	HUMAN RIGHTS	2	0	2	3
GS 027	ENTREPRENEURSHIP	2	0	2	3
GS 029	ENGINEERING ETHICS	2	0	2	3
GS 031	HISTORY OF SCIENCE	2	0	2	3
GS 033	SOCIAL PSYCHOLOGY	2	0	2	3
GS 035	COMMUNICATION	2	0	2	3
GS 037	FINANCIAL LITERACY	2	0	2	3
GS 039	SIGN LANGUAGE	2	0	2	3
GS 041	DISASTER AND CRISIS MANAGEMENT	2	0	2	3
GS 043	CITY AND SOCIETY	2	0	2	3
GS 045	ENVIRONMENTAL PROTECTION	2	0	2	3
GS 047	BEHAVIOR SCIENCE	2	0	2	3

GENERAL ELECTIVE II

COURSE CODE	COURSE NAME	T	U	K	ECTS
GS 002	MEDIA AND COMMUNICATION	2	0	2	3
GS 004	DICTION AND EFFECTIVE SPEAKING	2	0	2	3
GS 006	BUSINESS ETHICS	2	0	2	3
GS 008	KNOWLEDGE PROTOCOL	2	0	2	3
GS 010	PRODUCTION MANAGEMENT	2	0	2	3
GS 012	SOCIAL RESPONSIBILITY	2	0	2	3
GS 014	ACADEMIC TURKISH II	2	0	2	3
GS 016	CREATIVE DRAMA AND IMPROVISION	2	0	2	3
GS 018	HUMAN RESOURCE MANAGEMENT	2	0	2	3
GS 020	FIRST AID	2	0	2	3
GS 022	EMPLOYMENT LAW	2	0	2	3
GS 024	POLITICAL SCIENCES	2	0	2	3
GS 026	SUSTAINABILITY	2	0	2	3
GS 028	PROBLEM SOLVING AND DECISION MAKING	2	0	2	3
GS 030	TECHNOLOGY ADDICTION	2	0	2	3
GS 032	BUSINESS ADMINISTRATION	2	0	2	3
GS 034	FACTORY ORGANIZATION	2	0	2	3
GS 036	QUALITY MANAGEMENT SYSTEMS	2	0	2	3
GS 038	TECHNOLOGY MANAGEMENT AND R&D	2	0	2	3
GS 040	MARKETING	2	0	2	3
GS 042	SERVICE MARKETING	2	0	2	3
GS 044	E-COMMERCE	2	0	2	3
GS 046	CURRENT ECONOMIC ISSUES	2	0	2	3
GS 048	PUBLIC RELATIONS	2	0	2	3
GS 050	SOCIOLOGY	2	0	2	3
GS 052	GLOBALIZATION READINGS	2	0	2	3
GS 054	PHOTOGRAPHY	2	0	2	3
GS 056	PROJECT MANAGEMENT	2	0	2	3
GS 058	INTRODUCTION TO BUSINESS SCIENCE	2	0	2	3
GS 060	HEALTHY AND ACTIVE AGEING	2	0	2	3
GS 062	SALES TECHNIQUES	2	0	2	3
GS 060	SAĞLIKLI VE AKTİF YAŞLANMA	2	0	2	3
GS 062	SATIŞ TEKNİKLERİ	2	0	2	3