

- Active

Course Count: 152 T : 143 U : 23 K : 154.50 Akts : 250.00 T + U : 166

1. Term								2. Term										
#	Course Unit Code	Course Name	Type of Course Unit	T	U	L	Credit	ECTS	#	Course Unit Code	Course Name	Type of Course Unit	T	U	L	Credit	ECTS	
1	OD 107	CAREER PLANNING	Compulsory	1	0	0	1	2.00	1	OD 120	ADVANCED ENGLISH II	Compulsory	3	0	0	3	4.00	
2	TM 109	PHYSICS I	Compulsory	3	1	0	3.5	5.00	2	OD 114	TURKISH II	Compulsory	2	0	0	2	2.00	
3	OD 113	TURKISH I	Compulsory	2	0	0	2	2.00	3	TM 106	MATHEMATICS II	Compulsory	4	0	0	4	5.00	
4	TM 107	GENERAL CHEMISTRY	Compulsory	3	1	0	3.5	5.00	4	TM 110	LINEAR ALGEBRA	Compulsory	3	0	0	3	4.00	
5	TM 105	MATHEMATICS I	Compulsory	4	0	0	4	5.00	5	BM 102	DISCRETE COMPUTATIONAL STRUCTURES	Compulsory	3	0	0	3	5.00	
6	BM 101	INTRODUCTION TO COMPUTER ENGINEERING	Compulsory	2	0	0	2	3.00	6	BM 104	COMPUTER PROGRAMMING	Compulsory	3	1	0	3.5	5.00	
7	BM 103	INTRODUCTION TO COMPUTING	Compulsory	3	1	0	3.5	4.00	7	TM 108	PHYSICS II	Compulsory	3	1	0	3.5	5.00	
8	OD 119	ADVANCED ENGLISH I	Compulsory	3	0	0	3	4.00	Toplam									
				21	3	0	22.50	30.00	21	2	0	22.00	30.00					

3. Term								4. Term													
#	Course Unit Code	Course Name	Type of Course Unit	T	U	L	Credit	ECTS	#	Course Unit Code	Course Name	Type of Course Unit	T	U	L	Credit	ECTS				
1	TM 203	DIFFERENTIAL EQUATIONS	Compulsory	3	0	0	3	5.00	1	STJ 01	INTERNSHIP	Compulsory	0	0	0	0	5.00				
2	BM 201	BASIC ELECTRICAL CIRCUITS AND ELECTRONICS	Compulsory	3	1	0	3.5	5.00	2	TM 204	NUMERICAL ANALYSIS	Compulsory	3	0	0	3	4.00				
3	BM 203	DATA STRUCTURES	Compulsory	3	1	0	3.5	6.00	3	BM 202	INTRODUCTION TO ELECTRONICS	Compulsory	3	0	0	3	5.00				
4	BM 205	OBJECT ORIENTED PROGRAMMING	Compulsory	3	1	0	3.5	5.00	4	BM 204	LOGIC DESIGN	Compulsory	3	1	0	3.5	5.00				
5	BM 209	OCCUPATIONAL HEALTH AND SAFETY I	Compulsory	2	0	0	2	3.00	5	BM 206	PROGRAMMING LANGUAGE CONCEPTS	Compulsory	3	1	0	3.5	6.00				
6	BM 211	TECHNICAL ENGLISH	Compulsory	2	0	0	2	2.00	6	BM 208	FORMAL LANGUAGES AND AUTOMATA THEORY	Compulsory	3	0	0	3	5.00				
7	BM 207	PROBABILITY AND STATISTICS	Compulsory	3	0	0	3	4.00	7	BM 210	OCCUPATIONAL HEALTH AND SAFETY II	Compulsory	2	0	0	2	3.00				
				19	3	0	20.50	30.00	8	BM 212	BUSINESS ENGLISH	Compulsory	2	0	0	2	2.00				
												19	2	0	20.00	35.00					

5. Term								6. Term									
#	Course Unit Code	Course Name	Type of Course Unit	T	U	L	Credit	ECTS	#	Course Unit Code	Course Name	Type of Course Unit	T	U	L	Credit	ECTS
1	BM 301	SIGNALS AND SYSTEMS	Compulsory	3	0	0	3	5.00	1	OD 112	ATATURK PRINCIPLES AND HISTORY OF TURKISH REVOLUTION II	Compulsory	2	0	0	2	2.00
2	BM 305	ALGORITHMS	Compulsory	3	0	0	3	5.00	2	BM 302	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	Compulsory	3	0	0	3	6.00
3	BM 307	OPERATING SYSTEMS	Compulsory	3	0	0	3	5.00	3	BM 306	SIGNALS AND SYSTEMS	Compulsory	3	0	0	3	6.00
4	BM 303	DATA MANAGEMENT AND FILE STRUCTURES	Compulsory	3	0	0	3	5.00	4	BM 304	DATABASE	Compulsory	3	0	0	3	5.00
5	OD 111	ATATURK PRINCIPLES AND HISTORY OF TURKISH REVOLUTION I	Compulsory	2	0	0	2	2.00									

6	BM GS I	- 1			2	0	0	2	3.00														
7	BM TS I	- 1			3	0	0	3	5.00	5	BM 308	MANAGEMENT SYSTEMS	Compulsory	2	0	0	2	3.00					
					Toplam					19	0	0	19.00	30.00	6	STJ 03	INTERNSHIP	Compulsory	0	0	0	0	5.00
										7	BM GS II	- 1			2	0	0	2	3.00				
										8	BM TS II	- 1			3	0	0	3	5.00				
										Toplam					18	0	0	18.00	35.00				

7. Term														
#	Course Unit Code	Course Name	Type of Course Unit	T	U	L	Credit	ECTS						
1	BM 401	DATA COMMUNICATIONS AND NETWORKING	Compulsory	3	1	0	3.5	6.00						
2	BM 403	INTRODUCTION TO COMPUTER GRAPHICS	Compulsory	2	1	0	2.5	5.00						
3	BM 405	COMPUTER ENGINEERING DESIGN	Compulsory	2	4	0	4	9.00						
4	BM TS III	- 1		3	0	0	3	5.00						
5	BM TS IV	- 1		3	0	0	3	5.00						
				Toplam						13	6	0	16.00	30.00

8. Term														
#	Course Unit Code	Course Name	Type of Course Unit	T	U	L	Credit	ECTS						
1	BM 402	INTRODUCTION TO EMBEDDED SYSTEMS	Compulsory	3	1	0	3.5	6.00						
2	BM 406	GRADUATION PROJECT	Compulsory	1	6	0	4	10.00						
3	BM 404	INFORMATION SECURITY	Compulsory	3	0	0	3	4.00						
4	BM TS V	- 1		3	0	0	3	5.00						
5	BM TS VI	- 1		3	0	0	3	5.00						
				Toplam						13	7	0	16.50	30.00

#	Course Unit Code	Course Name	Type of Course Unit	T	U	L	K	Akts
1	GS 001	RESEARCH METHODS	Elective	2	0	0	2	3.00
2	GS 003	TECHNICAL COMMUNICATION	Elective	2	0	0	2	3.00
3	GS 005	STRESS AND TIME MANAGEMENT	Elective	2	0	0	2	3.00
4	GS 009	PUBLIC ADMINISTRATION	Elective	2	0	0	2	3.00
5	GS 011	VOLUNTEERING STUDIES	Elective	2	0	0	2	3.00
6	GS 013	ACADEMIC TURKISH	Elective	2	0	0	2	3.00
7	GS 015	CREATIVE DRAMA AND IMPROVISION	Elective	2	0	0	2	3.00
8	GS 017	HUMAN RESOURCES MANAGEMENT	Elective	2	0	0	2	3.00
9	GS 021	BUSINESS LAW	Elective	2	0	0	2	3.00
10	GS 023	ENTERPRISE RESOURCE PLANNING	Elective	2	0	0	2	3.00
11	GS 025	HUMAN RIGHTS	Elective	2	0	0	2	3.00
12	GS 027	ENTREPRENEURSHIP	Elective	2	0	0	2	3.00
13	GS 031	HISTORY OF SCIENCE	Elective	2	0	0	2	3.00
14	GS 033	SOCIAL PSYCHOLOGY	Elective	2	0	0	2	3.00
15	GS 035	COMMUNICATION	Elective	2	0	0	2	3.00
16	GS 037	FINANCIAL LITERACY	Elective	2	0	0	2	3.00
17	GS 039	SIGN LANGUAGE	Elective	2	0	0	2	3.00
18	GS 041	DISASTER AND CRISIS MANAGEMENT	Elective	2	0	0	2	3.00
19	GS 043	CITY AND SOCIETY	Elective	2	0	0	2	3.00
20	GS 045	ENVIRONMENTAL PROTECTION	Elective	2	0	0	2	3.00
21	GS 047	BEHAVIORAL SCIENCES	Elective	2	0	0	2	3.00
22	GS 049	HISTORY OF CLOTHING	Elective	2	0	0	2	3.00
		FINANCIAL INVESTMENT						

#	Course Unit Code	Course Name	Type of Course Unit	T	U	L	K	Akts
1	BM 321	HUMAN-COMPUTER INTERACTION	Elective	3	0	0	3	5.00
2	BM 323	DIGITAL SIGNAL PROCESSING	Elective	3	0	0	3	5.00
3	BM 325	ADVANCED PROGRAMMING	Elective	3	0	0	3	5.00
4	BM 327	MATHEMATICAL PROGRAMMING	Elective	3	0	0	3	5.00
5	BM 329	INTRODUCTION TO DATA SCIENCE	Elective	3	0	0	3	5.00

23	GS 046	ISSUES	Elective	2	0	0	2	3.00
24	GS 048	PUBLIC RELATIONS	Elective	2	0	0	2	3.00
25	GS 050	SOCIOLOGY	Elective	2	0	0	2	3.00
26	GS 052	GLOBALIZATION READINGS	Elective	2	0	0	2	3.00
27	GS 054	PHOTOGRAPHY	Elective	2	0	0	2	3.00
28	GS 056	PROJECT MANAGEMENT	Elective	2	0	0	2	3.00
29	GS 058	INTRODUCTION TO BUSINESS SCIENCE	Elective	2	0	0	2	3.00
30	GS 060	HEALTHY AND ACTIVE AGEING	Elective	2	0	0	2	3.00
31	GS 062	SALES TECHNIQUES	Elective	2	0	0	2	3.00
32	GS 064	DIGITAL TRANSFORMATION AND INDUSTRY 4.0	Elective	2	0	0	2	3.00
33	GS 066	HISTORY OF CLOTHING	Elective	2	0	0	2	3.00
34	GS 068	ADDICTION AND FIGHT AGAINST ADDICTION	Elective	2	0	0	2	3.00
35	GS 070	CHILD RIGHTS AND FAMILY EDUCATION	Elective	2	0	0	2	3.00
36	GS 100	Activity Participation Course II	Elective	2	0	0	2	3.00

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1	BM 421	COMPILER DESIGN	Elective	3	0	0	3	5.00	1	BM 435	INTERNET PROGRAMMING	Elective	3	0	0	3	5.00
2	BM 423	FUZZY LOGIC	Elective	3	0	0	3	5.00	2	BM 437	DISTRIBUTED SYSTEMS	Elective	3	0	0	3	5.00
3	BM 425	CRYPTOLOGY AND SECURITY PROTOCOLS	Elective	3	0	0	3	5.00	3	BM 439	INTRODUCTION TO MACHINE LEARNING	Elective	3	0	0	3	5.00
4	BM 427	CAMBRIDGE DICTIONARY	Elective	3	0	0	3	5.00	4	BM 441	INTRODUCTION TO DATA MINING	Elective	3	0	0	3	5.00
5	BM 429	DIGITAL IMAGE PROCESSING	Elective	3	0	0	3	5.00	5	BM 443	SOFTWARE QUALITY AND TESTING	Elective	3	0	0	3	5.00

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1	BM 422	INTRDUCTION TO COMPUTER VISION	Elective	3	0	0	3	5.00	1	BM 434	PARALLEL COMPUTING	Elective	3	0	0	3	5.00
2	BM 426	INTRODUCTION TO CYBER SECURITY	Elective	3	0	0	3	5.00	2	BM 436	INTRODUCTION TO BIG DATA ANALYTICS	Elective	3	0	0	3	5.00
3	BM 424	INTRODUCTION TO NATURAL LANGUAGE PROCESSING	Elective	3	0	0	3	5.00	3	BM 438	COMPUTER AND NETWORK SECURITY	Elective	3	0	0	3	5.00
4	BM 428	WIRELESS AND MOBILE NETWORKS	Elective	3	0	0	3	5.00	4	BM 442	INTRODUCTION TO EVOLUTIONARY COMPUTATION	Elective	3	0	0	3	5.00
5	BM 430	INTRODUCTION TO ROBOT TECHNOLOGY	Elective	3	0	0	3	5.00	5	BM 440	CLOUD COMPUTING	Elective	3	0	0	3	5.00