

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
IE 101	INTRODUCTION TO INDUSTRIAL ENGINEERING	2	0	2	3
IE 103	COMPUTER AIDED ENGINEERING DRAWING	2	2	3	4
TOTAL		20	4	22	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
IE 102	GENERAL ECONOMICS	3	0	3	5
IE 104	COMPUTER PROGRAMMING I	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
IE 201	COMPUTER PROGRAMMING II	3	1	4	5
IE 203	PROBABILITY THEORY	3	0	3	5
IE 205	MATERIALS SCIENCE	3	0	3	3
IE 207	MANUFACTURING METHODS	3	0	3	4
IE 209	OCCUPATIONAL HEALTH AND SAFETY I	2	0	2	3
IE 211	ENGINEERING MECHANICS	3	0	3	3
IE 213	TECHNICAL ENGLISH	2	0	2	2
TOTAL		22	1	23	30

2nd YEAR SPRING SEMESTER

COURSE CODE	COURSE NAME	T	U	K	ECTS
IE 202	DATABASE MANAGEMENT	3	0	3	5
IE 204	PRODUCTION SYSTEMS	3	0	3	5
IE 206	STATISTICS	3	0	3	5
IE 208	COST ACCOUNTING	3	0	3	4
IE 210	OPERATIONS RESEARCH I	3	0	3	6
IE 212	BUSINESS ENGLISH	2	0	2	2
IE 214	OCCUPATIONAL HEALTH AND SAFETY II	2	0	2	3
TOTAL		19	0	19	30

3rd YEAR FALL SEMESTER

COURSE CODE	COURSE NAME	T	U	K	ECTS
IE 301	OPERATIONS RESEARCH II	3	0	3	6
IE 303	PRODUCTION PLANNING AND CONTROL I	3	0	3	5
IE 305	MANAGEMENT AND ORGANIZATION	3	0	3	3
IE 307	WORK STUDY	3	0	3	4
IE 309	ENGINEERING ECONOMICS	3	0	3	4
IE 311	ERGONOMICS	3	0	3	3
	TECHNICAL ELECTIVE I	3	0	3	5
TOTAL		21	0	21	30

3rd YEAR SPRING SEMESTER

COURSE CODE	COURSE NAME	T	U	K	ECTS
IE 302	STATISTICAL QUALITY CONTROL	3	0	3	4
IE 304	STOCHASTIC MODELING	3	0	3	4
IE 306	PRODUCTION PLANNING AND CONTROL II	3	0	3	5
IE 308	SYSTEM SIMULATION	3	0	3	4
IE 310	LOGISTICS AND SUPPLY CHAIN MANAGEMENT	3	0	3	3
	TECHNICAL ELECTIVE II	3	0	3	5
	TECHNICAL ELECTIVE III	3	0	3	5
TOTAL		21	0	21	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
IE 401	FACILITY DESIGN AND PLANNING	3	0	3	5
IE 403	MANAGEMENT INFORMATION SYSTEMS	3	0	3	4
IE 405	INDUSTRIAL ENGINEERING PRACTICE I	0	2	1	6
	TECHNICAL ELECTIVE IV	3	0	3	5
	TECHNICAL ELECTIVE V	3	0	3	5
	GENERAL ELECTIVE I	2	0	2	3
TOTAL		16	2	17	30

4th YEAR SPRING SEMESTER

COURSE CODE	COURSE NAME	T	U	K	ECTS
OD 112	ATATURK PRINCIPLES AND HISTORY OF TURKISH REVOLUTION II	2	0	2	2
IE 402	INDUSTRIAL ENGINEERING PRACTICE II	0	2	1	6
IE 404	PROJECT MANAGEMENT	3	0	3	5
IE 406	DECISION ANALYSIS	3	0	3	4
	TECHNICAL ELECTIVE VI	3	0	3	5
	TECHNICAL ELECTIVE VII	3	0	3	5
	GENERAL ELECTIVE II	2	0	2	3
TOTAL		16	2	17	30

TECHNICAL ELECTIVE I

COURSE CODE	COURSE NAME	T	U	K	ECTS
IE 321	TIME SERIES ANALYSIS	3	0	3	5
IE 323	REGRESSION ANALYSIS	3	0	3	5
IE 325	RISK MANAGEMENT	3	0	3	5
IE 327	FINANCIAL ANALYSIS	3	0	3	5
IE 329	STATISTICAL DATA ANALYSIS	3	0	3	5
IE 331	EFFICIENCY ANALYSIS	3	0	3	5

TECHNICAL ELECTIVE II

COURSE CODE	COURSE NAME	T	U	K	ECTS
IE 322	DYNAMIC PROGRAMMING	3	0	3	5
IE 324	INTEGER PROGRAMMING	3	0	3	5
IE 326	NETWORK OPTIMIZATION	3	0	3	5
IE 328	DISCRETE OPTIMIZATION	3	0	3	5
IE 330	HEURISTIC METHODS	3	0	3	5
IE 332	GAME THEORY	3	0	3	5

TECHNICAL ELECTIVE III

COURSE CODE	COURSE NAME	T	U	K	ECTS
IE 336	SERVICE SYSTEMS	3	0	3	5
IE 338	QUALITY ENGINEERING	3	0	3	5
IE 340	STRATEGIC PLANNING	3	0	3	5
IE 342	INDUSTRY 4.0	3	0	3	5
IE 344	ENTERPRISE RESOURCE PLANNING	3	0	3	5

TECHNICAL ELECTIVE IV

COURSE CODE	COURSE NAME	T	U	K	ECTS
IE 421	ARTIFICIAL INTELLIGENCE APPLICATIONS	3	0	3	5
IE 423	DATA MINING	3	0	3	5
IE 425	DECISION SUPPORT SYSTEMS	3	0	3	5
IE 427	MACHINE LEARNING	3	0	3	5
IE 429	CLOUD COMPUTING	3	0	3	5
IE 431	FUZZY LOGIC	3	0	3	5

TECHNICAL ELECTIVE V

COURSE CODE	COURSE NAME	T	U	K	ECTS
IE 435	SUPPLY CHAIN INFORMATION SYSTEMS	3	0	3	5
IE 437	SUPPLY CHAIN MODELING	3	0	3	5
IE 439	STORAGE AND DISTRIBUTION SYSTEMS	3	0	3	5
IE 441	GREEN REVERSE LOGISTICS	3	0	3	5
IE 443	SPECIAL TOPICS IN SUPPLY CHAIN MANAGEMENT	3	0	3	5

TECHNICAL ELECTIVE VI

COURSE CODE	COURSE NAME	T	U	K	ECTS
IE 422	R&D MANAGEMENT AND INNOVATION	3	0	3	5
IE 424	CUSTOMER RELATIONS MANAGEMENT	3	0	3	5
IE 426	HUMAN RESOURCES MANAGEMENT	3	0	3	5
IE 428	TOTAL QUALITY MANAGEMENT	3	0	3	5

TECHNICAL ELECTIVE VII

COURSE CODE	COURSE NAME	T	U	K	ECTS
IE 432	MULTI CRITERIA DECISION MAKING	3	0	3	5
IE 434	FEASIBILITY STUDY	3	0	3	5
IE 436	SIMULATION APPLICATIONS	3	0	3	5
IE 438	ASSEMBLY LINE BALANCING	3	0	3	5
IE 440	LEAN MANUFACTURING	3	0	3	5
IE 442	SPECIAL TOPICS IN INDUSTRIAL ENGINEERING	3	0	3	5
IE 444	SPECIAL TOPICS IN OPERATIONS RESEARCH	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