

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	3	5
TM 109	PHYSICS I	3	1	3	5
EE 101	INTRODUCTION TO ELECTRICAL AND ELECTRONICS ENGINEERING	2	0	2	3
EE 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
EE 102	INTRODUCTION TO PROGRAMING	2	1	4	5
EE 104	LOGIC CIRCUITS	3	2	4	5
TOTAL		18	4	22	30

2nd YEAR FALL SEMESTER

COURSE CODE	COURSE NAME	T	U	K	ECTS
TM 203	DIFFERENTIAL EQUATIONS	3	0	3	5
EE 201	CIRCUIT THEORY I	3	2	4	6
EE 203	PROBABILITY AND STATISTICS	3	0	3	4
EE 205	ELECTROMAGNETIC I	3	0	3	5
EE 207	SEMICONDUCTORS	3	0	3	5
EE 209	TECHNICAL ENGLISH	2	0	2	2
EE 211	OCCUPATIONAL HEALTH AND SAFETY I	2	0	2	3
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
TM 206	COMPLEX ANALYSIS	3	0	3	5
EE 202	CIRCUIT THEORY II	3	2	4	6
EE 204	SIGNALS AND SYSTEMS	3	0	3	5
EE 206	ELECTROMAGNETIC II	3	0	3	5
EE 210	BUSINESS ENGLISH	2	0	2	2
EE 212	OCCUPATIONAL HEALTH AND SAFETY II	2	0	2	3
TOTAL		19	2	20	30

3rd YEAR FALL SEMESTER

COURSE CODE	COURSE NAME	T	U	K	ECTS
EE 301	ELECTRONICS I	3	2	4	6
EE 303	ELECTRIC MACHINERY I	3	2	4	6
EE 305	CONTROL SYSTEMS I	3	2	4	6
EE 307	COMMUNICATION SYSTEMS I	3	2	4	6
EE 309	MICROPROCESSORS	2	2	3	6
TOTAL		14	10	19	30

3rd YEAR SPRING SEMESTER

COURSE CODE	COURSE NAME	T	U	K	ECTS
EE 302	ELECTRONICS II	3	2	4	6
EE 304	ELECTRIC MACHINERY II	3	2	4	6
EE 306	CONTROL SYSTEMS II	3	2	4	6
EE 308	COMMUNICATION SYSTEMS II	3	2	4	6
EE 310	POWER ELECTRONICS	3	0	3	6
TOTAL		15	8	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
EE 401	ELECTRICAL AND ELECTRONICS ENGINEERING APPLICATIONS I	2	2	3	5
EE 403	ELECTRICAL POWER SYSTEMS I	3	0	3	5
	TECHNICAL ELECTIVE I	3	0	3	5
	TECHNICAL ELECTIVE II	3	0	3	5
	TECHNICAL ELECTIVE III	3	0	3	5
	GENERAL ELECTIVE I	2	0	2	3
TOTAL		18	2	19	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
EE 402	ELECTRICAL AND ELECTRONICS ENGINEERING APPLICATIONS II	2	2	3	5
EE 404	ELECTRICAL POWER SYSTEMS II	3	0	3	5
EE 428	GRADUATION PROJECT	0	2	1	5
	TECHNICAL ELECTIVE IV	3	0	3	5
	TECHNICAL ELECTIVE V	2	2	3	5
	GENERAL ELECTIVE II	2	0	2	3
TOTAL		14	6	17	30

TECHNICAL ELECTIVE I

COURSE CODE	COURSE NAME	T	U	K	ECTS
EE 405	ELECTROCHEMISTRY	3	0	3	5
EE 407	BIOMEDICAL I	3	0	3	5
EE 409	INTEGRATED CIRCUIT DESIGN	3	0	3	5
EE 411	MICROWAVE I	3	0	3	5
EE413	PROCESS CONTROL	3	0	3	5

TECHNICAL ELECTIVE II

COURSE CODE	COURSE NAME	T	U	K	ECTS
EE 415	CIRCUIT SYNTHESIS	3	0	3	5
EE 417	SENSORS, SIGNAL APPLICATION AND DATA	3	0	3	5
EE 419	FIBER OPTIC COMMUNICATION	3	0	3	5
EE 421	INTELLIGENT CONTROL SYSTEMS	3	0	3	5
EE 423	ELECTRIC VEHICLES	3	0	3	5

TECHNICAL ELECTIVE III

COURSE CODE	COURSE NAME	T	U	K	ECTS
EE 425	ELECTRICAL POWER GENERATION AND RENEWABLE ENERGY	3	0	3	5
EE 427	DIGITAL WIRELESS COMMUNICATION	3	0	3	5
EE 429	INTRODUCTION TO ROBOTICS	3	0	3	5
EE 431	ELECTRONIC DEVICE TECHNIQUES	3	0	3	5
EE 433	INTRODUCTION TO CYBER SECURITY	3	0	3	5
EE 435	RF ELECTRONICS	3	0	3	5

TECHNICAL ELECTIVE IV

COURSE CODE	COURSE NAME	T	U	K	ECTS
EE 406	ANTENNAS AND PROPAGATION	3	0	3	5
EE 408	IMAGE PROCESSING	3	0	3	5
EE 410	LIGHTING TECHNIQUE AND INTERIOR INSTALLATION DESIGN	3	0	3	5
EE 412	INDUSTRIAL ELECTRONICS	3	0	3	5
EE 414	MICROWAVES II	3	0	3	5

TECHNICAL ELECTIVE V

COURSE CODE	COURSE NAME	T	U	K	ECTS
EE 416	PROGRAMMABLE LOGIC CONTROLLERS	2	2	3	5
EE 418	EMBEDDED SYSTEMS	2	2	3	5
EE 420	INDUSTRIAL SYSTEMS AND CONTROL	2	2	3	5
EE 422	HIGH VOLTAGE TECHNIQUES	2	2	3	5
EE 424	COMPUTER NETWORKS	2	2	3	5
EE 426	DATABASE PROGRAMMING FOR INTERNET APPLICATIONS	2	2	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