

NİĞDE ÖMER HALİSDEMİR UNIVERSITY

Faculty of Engineering		
COMPUTER ENGINEERING		
Autumn Semester Courses		
Course Code	Course Name	ECTS
BLM1001	MATHEMATICS I	6
BLM1003	PHYSICS I	5
BLM2001	DATA STRUCTURES AND ALGORITHMS	6
BLM2003	OBJECT ORIENTED PROGRAMMING	6
BLM2005	ELECTRICAL CIRCUIT BASICS	5
BLM2007	STATISTICS AND PROBABILITY	5
BLM3005	ADVANCED PROGRAMMING TECHNIQUES	6
BLM3003	MICROPROCESSORS	5
BLM4001	FORMAL LANGUAGES AND AUTOMATA THEORY	5
BLM4003	COMPUTER ARCHITECTURE AND ORGANIZATION	5
BLM3001	FILE ORGANIZATION TECHNIQUES	4
BLM3007	PROFESSIONAL ENGLISH	2
<b>TOPLAM</b>		<b>60</b>
Spring Semester Courses		
Course Code	Course Name	ECTS
BLM1002	MATHEMATICS II	6
BLM1004	PHYSICS II	4
BLM1006	ALGORITHMS AND INTRODUCTION TO PROGRAMMING	5
BLM2004	LOGIC CIRCUITS AND DESIGN	6
BLM2006	DATABASE MANAGEMENT SYSTEMS	6
BLM2002	ELECTRONIC CIRCUITS	5
BLM2008	SOFTWARE ENGINEERING	5
BLM3002	ARTIFICIAL INTELLIGENCE	5
BLM3004	EMBEDDED SYSTEMS	4
BLM3006	IMAGE PROCESSING	4
BLM4002	OPTIMIZATION ALGORITHMS	4
BLM4014	GAME PROGRAMMING	4
BLM1010	COMPUTER PROGRAMMING	2
<b>TOPLAM</b>		<b>60</b>

Faculty of Engineering		
ENVIRONMENTAL ENGINEERING		
Autumn Semester Courses		
Course Code	Course Name	ECTS
CEV1001	MATHEMATICS I	6
CEV1003	PHYSICS I	5
CEV2001	DIFFERENTIAL EQUATIONS	5
CEV2017	ENVIRONMENTAL CHEMISTRY	5
CEV3001	UNIT OPERATIONS IN ENVIRONMENTAL ENGINEERING I	5
CEV3005	AIR POLLUTION AND CONTROL	5
CEV3003	WATER POLLUTION CONTROL	4
CEV4003	SOLID AND HAZARDOUS WASTE MANAGEMENT	6
CEV4005	ENVIRONMENTAL MODELLING	6
CEV1013	BASIC COMPUTER	3
CEV4009	BIOLOGICAL NITROGEN AND PHOSPHORUS REMOVAL	5
CEV4015	DRINKING WATER TREATMENT	5
<b>TOPLAM</b>		<b>60</b>
Spring Semester Courses		
Course Code	Course Name	ECTS
CEV1002	MATHEMATICS II	6
CEV1004	PHYSICS II	4
CEV1006	COMPUTER AIDED ENGINEERING DRAWING	5
CEV2002	ENVIRONMENTAL MICROBIOLOGY	4
CEV2004	THERMODYNAMICS	4
CEV2006	ENVIRONMENTAL ENGINEERING HYDROLOGY	3
CEV2026	ENVIRONMENTAL MICROBIOLOGY LABORATORY	4
CEV3002	UNIT OPERATIONS IN ENVIRONMENTAL ENGINEERING II	5
CEV3004	WATER SUPPLY	5
CEV3006	SOIL AND GROUNDWATER POLLUTION	4
CEV4004	WASTEWATER TREATMENT AND SEWERAGE	6
CEV4006	INDUSTRIAL POLLUTION CONTROL	5
USD4056	GAME PROGRAMMING	5
<b>TOPLAM</b>		<b>60</b>

Faculty of Engineering		
Electrical Electronic Engineering		
Autumn Semester Courses		
Course Code	Course Name	ECTS
EEM1001	MATHEMATICS I	6
EEM1003	PHYSICS I	5
EEM2001	DİFERANSİYEL DENKLEMLER	6
EEM2005	CIRCUIT THEORY I	4
EEM2009	LOGIC CIRCUITS	6
EEM2011	ELECTRICAL MEASUREMENT LABORATORY	5
EEM3001	SIGNALS AND SYSTEMS	6
EEM3003	POWER ELECTRONICS	6
EEM3005	ELECTROMAGNETIC WAVES	4
EEM3007	ELECTRONICS LABORATORY I	3
EEM1007	LINEAR ALGEBRA	3
EEM4011	INDUSTRIAL ELECTRONICS	6
<b>TOPLAM</b>		<b>60</b>
Spring Semester Courses		
Course Code	Course Name	ECTS
EEM1002	MATHEMATICS II	6
EEM1004	PHYSICS II	4
EEM1010	FUNDAMENTALS OF ELECTRIC CIRCUITS	5
EEM2002	ENGINEERING MATHEMATICS	5
EEM2004	ELECTROMAGNETIC FIELDS	5
EEM2010	LOGIC CIRCUITS LABORATORY	5
EEM3002	MICROWAVE THEORY	5
EEM3008	POWER GENERATION AND TRANSMISSION	6
EEM3004	ELECTRICAL MACHINES I	4
EEM4014	BIOMEDICAL ELECTRONICS CIRCUIT DESIGN	5
EEM4016	ELECTRICAL FACILITY PROJECT	5
EEM4018	SIMULATION OF POWER SYSTEMS	5
<b>TOPLAM</b>		<b>60</b>

Faculty of Engineering		
FOOD ENGINEERING		
Autumn Semester Courses		
Course Code	Course Name	ECTS
GDM1001	MATHEMATICS I	6
GDM1003	PHYSICS I	5
GDM2001	ENGINEERING MATHEMATICS	4
GDM2003	FLUID MECHANICS	4
GDM2005	ANALYTICAL CHEMISTRY	5
GDM2007	MATERIAL AND ENERGY BALANCES	4
GDM2009	GENERAL MICROBIOLOGY	5
GDM3001	FOOD MICROBIOLOGY I	5
GDM3003	REACTION KINETICS	2
GDM3005	HEAT TRANSFER AND THERMAL PROCESSES	4
GDM4003	CEREAL PROCESSING TECHNOLOGY	5
GDM4005	FRUIT VEGETABLE PROCESSING TECHNOLOGY	5
GDM4007	DAIRY PROCESSING TECHNOLOGY	6
<b>TOPLAM</b>		<b>60</b>
Spring Semester Courses		
Course Code	Course Name	ECTS
GDM1002	MATHEMATICS II	6
GDM1004	PHYSICS II	4
GDM2002	INSTRUMENTAL FOOD ANALYSES	5
GDM2004	FOOD CHEMISTRY	5
GDM2006	THERMODYNAMICS	4
GDM2008	PROBABILITY AND STATISTICS	4
GDM3002	MASS TRANSFER AND UNIT OPERATIONS	5
GDM3004	FOOD MICROBIOLOGY II	5
GDM3006	PROCESS DESIGN	3
GDM3008	FOOD SAFETY AND SANITATION	4
GDM4004	FATS AND OILS TECHNOLOGY	5
GDM4006	MEAT PRODUCTS PROCESSING TECHNOLOGY	5
GDM4008	FERMENTATION TECHNOLOGY	5
<b>TOPLAM</b>		<b>60</b>

Faculty of Engineering		
Geomatics Engineering		
Autumn Semester Courses		
Course Code	Course Name	ECTS
HRT1001	MATHEMATICS I	6
HRT1003	PHYSICS I	5
HRT2011	JEODEZİK KOORDİNAT SİSTEMLERİ	5
HRT2003	SURVEYING II	5
HRT2005	SURVEYING PRACTICE I	4
HRT2007	PROBABILITY STATISTICS AND ERROR THEORY	4
HRT2009	PLANE AND SPHERICAL TRIGONOMETRY	5
HRT3001	MATHEMATICAL GEODESY	4
HRT3003	PHOTOGRAMMETRY I	4
HRT3005	GEOGRAPHICAL INFORMATION SYSTEM	3
HRT4003	ENGINEERING SURVEYING	5
HRT4005	URBAN LAND DEVELOPMENT	5
HRT4007	SATELLITE GEODESY	5
<b>TOPLAM</b>		<b>60</b>
Spring Semester Courses		
Course Code	Course Name	ECTS
HRT1002	MATHEMATICS II	6
HRT1004	PHYSICS II	4
HRT2002	SURVEYING III	5
HRT2004	SURVEYING PRACTICE II	4
HRT2012	PROJECT ADMINISTRATION IN GEOMATIC ENGINEERING	5
HRT2008	CARTOGRAPHY	4
HRT3002	PHYSICAL GEODESY	4
HRT3004	PHOTOGRAMMETRY II	4
HRT3006	FIELD COURSE	4
HRT3008	REAL ESTATE LAW AND CADASTRE KNOWLEDGE	4
HRT4002	HIGHWAY DESIGN PROJECT	5
HRT4004	LAND CONSOLIDATION	5
HRT4006	REMOTE SENSING	4
HRT1008	COMPUTER PROGRAMMING	2
<b>TOPLAM</b>		<b>60</b>

Faculty of Engineering		
CIVIL ENGINEERING		
Autumn Semester Courses		
Course Code	Course Name	ECTS
INS1001	MATHEMATICS I	6
INS1003	PHYSICS I	5
INS2001	STRENGTH OF MATERIALS I	4
INS2003	DYNAMICS	4
INS2007	DIFFERENTIAL EQUATIONS	6
INS2009	GEOLOGY FOR CIVIL ENGINEERING	3
INS3001	FLUID MECHANICS	4
INS3003	SOIL MECHANICS I	5
INS3005	STRUCTURAL ANALYSIS I	4
INS3007	REINFORCED CONCRETE I	4
INS3011	RAILWAY ENGINEERING	5
INS4003	STEEL STRUCTURES	5
INS4005	WATER RESOURCES	5
<b>TOPLAM</b>		<b>60</b>
Spring Semester Courses		
Course Code	Course Name	ECTS
INS1002	MATHEMATICS II	6
INS1004	PHYSICS II	4
INS2002	STRENGTH OF MATERIALS II	4
INS2004	PROBABILITY AND STATISTICS	5
INS2006	MATERIALS OF CONSTRUCTION	4
INS2008	NUMERICAL ANALYSIS	4
INS4080	COMPUTER APPLICATIONS IN STRUCTURAL MECHANICS	5
INS2012	CONSTRUCTION KNOWLEDGE	3
INS3002	HYDRAULICS	6
INS3004	SOIL MECHANICS II	4
INS3006	STRUCTURAL ANALYSIS II	4
INS3008	HIGHWAY ENGINEERING	4
INS3010	REINFORCED CONCRETE II	4
INS3012	HYDROLOGY	3
<b>TOPLAM</b>		<b>60</b>

