**Mühendislik Fakültesi /Faculty of Engineering**

**2018-2019 Yaz Döneminde Açılan Dersler / 2018-2019 Summer Semester Offered Courses**

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|  | **COMPUTER ENGINEERING(English Program)** | | | |
| **Course Instructor** | | **Course Code** | **Course Name** | |
| MSc.RamizSalama | | ECC101/ECC106 | Introduction to Com./Introduction to Program. | |
| Assoc.Prof.Dr.Melike Sah Dırekoglu | | ECC001 | Logıc Desıgn | |
| Assoc.Prof.Dr.Kamil Dimililer | | ECC204 | Electrical Circuits | |
| Assıst.Prof.Dr.Kaan Uyar | | ECC301 | Microprocessors | |
| Assist.Prof.Dr.UmitIlhan | | ECC302 | Operating systems | |
| Prof.Dr.Adil Amirjanov | | ECC003 | Software Engineering | |
| MSc Ahmet Ilhan | | ECC002 | System Simulation | |
| Dr.Selin Uzelaltınbulat | | ECC201 | Data Structures and Algorithms | |
| Assist.Prof.Dr.UmitIlhan | | COM490 | Engineering Design I | |
| Prof.Dr.RahibAbiyev | | COM491 | Engineering Design II | |
| MSc.Hamit Altiparmak | | ECC301(Lab) | Microprocessors (Labs) | |
| MSc.John Bus Idoko | | ECC427 | Management for Engineers | |
| Prof.Dr.Cavit Atalar | | ECC426 | Economics for Engineers | |
|  | | **MSc/PhD** |  | |
| Prof.Dr.RahibAbiyev | | COM520 | Pattern Recognition | |
| Prof.Dr.RahibAbiyev | | COM690 | Qualification | |
| Yrd. Doç. Dr. Gülsüm Aşıksoy | | LOD602 | Öğrenme için eğitim | |
| Yrd. Doç. Dr. Gülsüm Aşıksoy | | GCC602 | Education for learning | |
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|  | **BİLGİSAYAR MÜHENDİSLİĞİ (Türkçe Program)** | | | |
| **ÖğretimElemanı** | | **Ders Kodu** | | **DersinAdı** |
| MSc.Yucel Inan | | MOD406 | | SistemProgramlama |
| Assıst.Prof.Dr.UmarÖzgünalp | | MOD301 | | Microişlemçiler |
| MSc.Esmira Abiyeva | | MOD426 | | Mühendisler için Ekonomi |
| Assist.Prof.Dr.UmitIlhan | | MOD302 | | İşletimSistemleri |
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| **ELECTRICAL AND ELECTRONIC ENGINEERING (English Curriculum)** | | |
| **ÖğretimElemanı**  **(Course Instructor)** | **Dersin Kodu**  **(Course Code)** | **DersinAdı**  **(Course Name)** |
| Assist. Prof. Dr. Parvaneh Esmaılı | ee 210 | Computer Applications |
| Samuel Nıı Tackıe | EE 218 | Electronics-I |
| Prof. Dr. Şenol Bektaş | ee 202 | Circuit Theory - II |
| Prof. Dr. Bülent Bilgehan | ECC 008 | Signals And Systems |
| Amr Abdelbarı | EE 321 | Electronics - Ii |
| Assoc. Prof. Dr. Hüseyin Hacı | ee 429 | Mobile Communication Systems |
| Cemal Kavalcıoğlu | EE424 | Process Control Instrumentation Technology |
| Prof. Dr. Şenol Bektaş | EE 331 | Electromechanical Energy Conversion I |
| Samuel Nıı Tackıe | EE 241 | Electrical Materials |
| Cemal Kavalcıoğlu | EE 216 | Circuit Theory I |
| Cemal Kavalcıoğlu | EE 216 | Electromagnetic Theory |
| Assist. Prof. Dr. Ali Serener | ee 220 | Electrical Measurements |
| Assist. Prof. Dr. Sertan Kaymak | EE 346 | Communication Systems |
| Assıst.Prof.Dr.Kaan Uyar | ECC301 | Microprocessors |
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|  | **MSc/PhD** |  |
| Yrd. Doç. Dr. Gülsüm Aşıksoy | LOD602 | Öğrenme için eğitim |
| Yrd. Doç. Dr. Gülsüm Aşıksoy | GCC602 | Education for learning |
| **ELEKTRİK ELEKTRONİK MÜHENDİSLİĞİ (Türkçe Müfredat)** | | |
| **ÖğretimElemanı** | **Dersin Kodu** | **DersinAdı** |
| Assist. Prof. Dr. Sertan Kaymak | ele 321 | Elektronik - II |
| Assist. Prof. Dr. Ali Serener | ele 427 | BilgiTeorisiveKodlama |
| Cemal Kavalcıoğlu | ele 424 | Proses KontrolEnstrümantasyonTeknolojisi |
| Assist. Prof. Dr. Umar Özgünalp | MOD 301 | Mikroişlemciler |

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| **MECHANICAL ENGINEERING (English Program)** | | |
| **Course Instructor** | **Course Code** | **Course Name** |
| EnginEsenel | ECC 103 | Engineering Drawing I |
| Mohammad Abid Khan | ECC 206 | Statics |
| Yousef Kassem | ECC 207 | Thermodynamics I |
| Nuri KayanSayan | ECC 208 | Thermodynamics II |
| MetinBilin | ECC 209 | Manufacturing Technology I |
| Mahmut A. Savaş | ECC 211 | Engineering Materials |
| Mohammad Abid Khan | ECC 212 | Dynamics |
| Yusuf Şahin | ECC 213 | Strength of Materials I |
| Yousef Kassem | ECC 304 | Fluid Mechanics I |
| MetinBilin | ECC 305 | Manufacturing Technology II |
| Nuri KayanSayan | ECC 306 | Heat Transfer I |
| Ali Evcil | ECC 307 | Machine Design I |
| Ali Evcil | ECC 309 | Theory of Machines I |
| Elbrus Imanov | ECC 310 | Control Systems |
| EnginEsenel | ECC 424 | Experimental Analysis of Mech. Eng. Systems |
| Yousef Kassem | ECC 425 | Internal Combustion Engines |
| Yusuf Şahin | ME 307 | Strength of Materials II |
| Mohammad Abid Khan | ME 403 | Theory of Machines II |
| Ali Evcil | ME 411 | Heating, Ventilating, Air Conditioning & Cooling Systems |
| Lida E. Vafaei | ME 415 | Wind Engineering |
| Lida E. Vafaei | ME 416 | Solar Engineering |
| EnginEsenel | ME 429 | Computer Aided Design (CAD) |
|  | **MSc/PhD** |  |
| Yrd. Doç. Dr. Gülsüm Aşıksoy | LOD602 | Öğrenme için eğitim |
| Yrd. Doç. Dr. Gülsüm Aşıksoy | GCC602 | Education for learning |
| **MAKİNA MÜHENDİSLİĞİ (TürkçeProgramı)** | | |
| **ÖğretimElemanı** | **Ders Kodu** | **DersinAdı** |
| MetinBilin | MOD 434 | KaliteKontrol |
| Mahmut A. Savaş | MOD 433 | Isıl İşlem |
| EnginEsenel | MOD 424 | MekanikSistemlerinDeneyselAnalizi |
| Ali Evcil | MOD 308 | MakineTasarımı II |
| Ali Evcil | MOD 307 | MakineTasarımı I |
| HüseyinÇamur | MOD 304 | AkışkanlarMekaniği I |
| Lida E. Vafaei | MOD 212 | Dinamik |
| HüseyinÇamur | MOD 207 | Termodinamik I |
| Lida E. Vafaei | MAK 416 | GüneşEnerjisi |
| Ali Evcil | MAK 411 | Isıtma,Havalandırma, İklimlendirme, SoğutmaSistemleri |
| HüseyinÇamur | MAK 403 | MakineTeorisi II |
| Yusuf Şahin | MAK 307 | Mukavemet II |
| Nuri KayanSayan | MOD 306 | Isı Transferi I |

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| **MECHATRONICS ENGINEERING (English Curriculum)** | | |
| **ÖğretimElemanı**  **(Course Instructor)** | **Dersin Kodu**  **(Course Code)** | **DersinAdı**  **(Course Name)** |
| Prof. Dr. Ahmet Denker | EE 435 | Mechatronics |
| Assıst.Prof.Dr.Kaan Uyar | ECC301 | Microprocessors |
| Prof. Dr. Bülent Bilgehan | ECC 008 | Signals and Systems |
| Samuel Nıı Tackıe | ECC 218 | Electronics-I |
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|  | **SOFTWAREENGINEERING(English Program)** | | |
| **Course Instructor** | | **Course Code** | **Course Name** |
| Boran Sekeroglu | | SWE514 | SOFTWARE DESIGN PROCESSES (MSc dersi) |
| Ezekiel T. Ogidan | | SWE234 | HUMAN COMPUTER INTERACTION |
| Daniel Malann | | SWE202 | SOFTWARE CONSTRUCTION |
| YoneyKirsal Ever | | MOD430 | BILGI GUVENLIGI PRENSIPLERI (BILISIM SISTEMLERI MUH TURKCE BOLUMU ) |
| Hüseyin Sevay | | ECC108 | OBJECT ORIENTED PROGRAMMING |

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| **MECHATRONICS ENGINEERING (English Curriculum)** | | |
| **ÖğretimElemanı**  **(Course Instructor)** | **Dersin Kodu**  **(Course Code)** | **DersinAdı**  **(Course Name)** |
| Prof. Dr. Ahmet Denker | EE 435 | Mechatronics |
|  | **PhD** |  |
| Yrd. Doç. Dr. Gülsüm Aşıksoy | LOD602 | Öğrenme için eğitim |
| Yrd. Doç. Dr. Gülsüm Aşıksoy | GCC602 | Education for learning |

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|  | **BIOMEDICAL ENGINEERING(English Program)** | | |
| **Course Instructor** | | **Course Code** | **Course Name** |
| Terin Adalı | | BME202 | Biomaterials |
| Pwadubashıyı Coston Pwavodı | | BME101 | INTRODUCTION TO BIOMEDICAL ENGINEERING |
| Serife Kaba | | BME110 | Medical English |
| Pwadubashıyı Coston Pwavodı | | BME320 | Biomechanics |
| Fatih Veysel Nurcin | | BME310 | Biomedical Electronics |
| Ayşe Günay Kibarer | | BME401 | Instrumental Analysis |
| Dilber Uzun Özşahin | | BME260 | Electromagnetic Theories |
| Kaan Uyar | | ECC301 | Microprocessors |
| Bülent Bilgehan | | ECC008 | Signals & Systems |
| Kamil Dimililer | | ECC204 | ELECTRIC CIRCUITS |
| Meliz Yuvalı | | bme250 | BIOSTATISTICS |
| Terin Adalı | | BME321 | ARTIFICIAL ORGANS |
| Dilber Uzun Özşahin | | bme340 | MODELING OF BIOLOGICAL SYSTEMS |
|  | | **PhD** |  |
| Yrd. Doç. Dr. Gülsüm Aşıksoy | | LOD602 | Öğrenme için eğitim |
| Yrd. Doç. Dr. Gülsüm Aşıksoy | | GCC602 | Education for learning |
|  | **BİYOMEDİKAL MÜHENDİSLİĞİ (Türkçe Program)** | | |
| **ÖğretimElemanı** | | **Ders Kodu** | **DersinAdı** |
| Serife Kaba | | BMM110 | Medİkal İngİlİzce |
| Niyazi Sentürk | | BMM301 | Bİyomedİkal Sensörler |
| Fatih Veysel Nurcin | | bmm102 | BİYOKİMYA |

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|  | **FOOD ENGINEERING(English Program)** | | |
| **Course Instructor** | | **Course Code** | **Course Name** |
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| Assist.Prof. Dr. Perihan Adun | | FDE404 | Food Quality Control |
| Dr. Hazal Özyurt | | FDE303 | Food Chemistry I |
| Buğra Demircioğlu | | FDE403 | Process Control |
| Assist.Prof. Dr. Perihan Adun | | FDE551 | Shelf-life of Foods |
| Dr. Hazal Özyurt | | FDE562 | Functional Foods |
| Dr. Kehinde Adesina | | FDE512 | Transport Phenomena in Food Engineering |
| **GIDA MÜHENDİSLİĞİ (TÜRKÇE PROGRAM)** | | | |
| **Öğretim Elemanı** | | **Ders Kodu** | **Dersin Adı** |
| Assist.Prof. Dr. Perihan Adun | | GDM404 | Gıdalarda Kalite Kontrol Prensipleri |
| Buğra Demircioğlu | | GDM403 | Proses Kontrol |
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| **Automotive Engineering (English Program)** | | | |
| **ÖğretimElemanı**  **(Course Instructor)** | **Code Course)** | **DersinAdı**  **(Course Name)** | |
| BatıhanSaçar ( MSc ) | AUE401 | Vehicle Dynamics | |
| Assoc. Prof. Dr. ErkanAtmaca | AUE404 | Vehicle Prod. Processes and Systems | |
| SanalHoca 1 | AUE306 | Vehicle Component Design | |
| BatıhanSaçar ( MSc ) | AUE403 | Vehicle Body Design | |
| Mohammad Abid Khan | ECC 206 | Statics | |
| Yousef Kassem | ECC 207 | Thermodynamics I | |
| Nuri KayanSayan | ECC 208 | Thermodynamics II | |
| MetinBilin | ECC 209 | Manufacturing Technology I | |
| Mohammad Abid Khan | ECC 212 | Dynamics | |
| Yusuf Şahin | ECC 213 | Strength of Materials I | |
| Yousef Kassem | ECC 304 | Fluid Mechanics I | |
| MetinBilin | ECC 305 | Manufacturing Technology II | |
| Nuri KayanSayan | ECC 306 | Heat Transfer I | |
| Ali Evcil | ECC 309 | Theory of Machines I | |
| Yousef Kassem | ECC 425 | Internal Combustion Engines | |
| MetinBilin | MOD 434 | KaliteKontrol | |
| Mahmut A. Savaş | MOD 433 | Isıl İşlem | |
| Ali Evcil | MOD 308 | MakineTasarımı II | |
| Ali Evcil | MOD 307 | MakineTasarımı I | |
| HüseyinÇamur | MOD 304 | AkışkanlarMekaniği I | |
| Lida E. Vafaei | MOD 212 | Dinamik | |
| HüseyinÇamur | MOD 207 | Termodinamik I | |
| Nuri KayanSayan | MOD 306 | Isı Transferi I | |
| Assist. Prof. Dr. Umar Özgünalp | MOD 301 | Mikroişlemciler | |
| **OTOMOTİV MÜHENDİSLİĞİ (Türkçe Program)** | | | |
| **ÖğretimElemanı** | **Dersin Kodu** | | **DersinAdı** |
| BatıhanSaçar ( MSc ) | OTO401 | | AraçDinamiği |
| Assoc. Prof. Dr. ErkanAtmaca | OTO404 | | AraçÜretimişlemleriveSistemleri |
| SanalHoca 1 | OTO306 | | AraçParçaTasarımı |
| BatıhanSaçar ( MSc ) | OTO403 | | AraçGövdeTasarımı |

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|  | **PETROLEUM AND NATURAL GAS ENGINEERING (English Program)** | | |
| **Course Instructor** | | **Course Code** | **Course Name** |
| Prof. Dr. Cavit Atalar | | ecc426 | Economics forEngineering |
| Prof. Dr. Cavit Atalar | | PGE301 | Fluid Mechanics |
| Prof. Dr. Cavit Atalar | | PGE307 | Drilling Engineering I |
| Prof. Dr. Kadir Gürgey | | pge312 | Well Logging |
| Prof. Dr. Kadir Gürgey | | pge426 | Petroleum Geochemistry |
| Yrd. Doç. Dr. Serhat Canbolat | | PGE305 | Petroleum Reservoir Engineering I |
| Yrd. Doç. Dr. Serhat Canbolat | | PGE306 | Petroleum Reservoir Engineering II |
| Yrd. Doç. Dr. Serhat Canbolat | | PGE403 | Natural Gas Engineering |
| Dr. Burak Kulga | | PGE303 | Petroleum Production Engineering I |
| Dr. Burak Kulga | | PGE304 | Petroleum Production Engineering II |
| Dr. Burak Kulga | | PGE310 | Oil and Gas Pipeline System |
| Prof. Dr. Cavit Atalar | | pge406 | Petroleum Engineering Design II |
| MSc. Hilmi Dindar | | PGE408 | Geophysics for Petroleum Engineers |
| Prof. Dr. Mahmut A. Savaş | | ECC 211 | Engineering Materials |
| Prof. Dr.Yusuf Şahin | | ECC 213 | Strength of Materials I |

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|  | **KİMYA** | | |
| **ÖğretimElemanı** | | **Ders Kodu** | **DersinAdı** |
| Chidi Wilson Nwekwo | | CHM101 | General Chemisry |

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| FİZİK | | |
| **ÖğretimElemanı**  **(Course Instructor)** | **Dersin Kodu**  **(Course Code)** | **DersinAdı**  **(Course Name)** |
| Doç.Dr. Zalihe Türker | FİZ 101 | GENEL FİZİK I |
| Doç.Dr. Zalihe Türker | FİZ 102 | GENEL FİZİK II |
| Doç.Dr. Seyedeh Fatemeh Mirekhtiary | PHY 102 | GENERAL PHYSICS II |
| Yard.Doç.Dr. Erkut İnan İşeri | PHY 101(ECZACILIK ÖGR. İÇİN) | GENERAL PHYSICS I |
| Dr. Hanifa Teimourian | PHY 101 | GENERAL PHYSICS I |

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|  | **INFORMATION SYSTEMS ENGINEERING (English Program)** | | |
| **Course Instructor** | | **Course Code** | **Course Name** |
| Boran Sekeroglu | | SWE514 | SOFTWARE DESIGN PROCESSES (MSc Course) |
| Hüseyin Sevay | | ECC108 | OBJECT ORIENTED PROGRAMMING |
| Melike Şah Direkoğlu | | ECC001 | DIGITAL LOGIC |
| Adil Amircanov | | ECC003 | SOFTWARE ENGINEERING |
| Ümit İlhan | | ecc302 | OPERATING SYSTEMS |
| Boran Şekeroglu | | ISE491 | GRADUATION PROJECT I |

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|  | **BİLİŞİM SİSTEMLERİ MÜHENDİSLİĞİ (Türkçe Program)** | | |
| **DersHocası** | | **Ders Kodu** | **DersAdı** |
| Savaş İlgi | | BSM466 | GİRİŞİMCİLİĞİN TEMELLERİ |
| Çağrı Özkan | | MOD429 | MÜHENDİSLİK ETİĞİ |
| Kübra Tuncal | | MOD422 | YAZILIM SINANMASI |
| Kübra Tuncal | | BSM491 | BİTİRME PROJESİ |
| Savaş İlgi | | MOD303 | VERİ ILETIŞIMI VE BILGISAYAR AĞLARI |
| Yöney Kırsal Ever | | MOD430 | BİLGİ GÜVENLİK PRENSİPLERİ |

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|  | **SUMMER MATHEMATICS COURSES (English Program)** | | |
| **Course Instructor** | | **Course Code** | **Course Name** |
| Yrd.Doç.Dr.Setare Norozpour | | MTH101 | CALCULUS I |
| Msc.Berna Uzun | | MTH102 | CALCULUS II |
| Yrd.Doç.Dr Ali Denker | | MTH201 | DIFFERENTIAL EQUATIONS |
| Yrd.Doç.Dr Firudin Muradov | | MTH113 | LINEAR ALGEBRA |
| Yrd.Doç.Dr Hediye Sarıkaya | | MTH323 | NUMERICAL ANALYSIS |
| Msc.Rifat Reis | | MTH232 | MATHEMATICS FOR ENGINEERING |
| Yrd.Doç.Dr Mohammad Momenzadeh | | MTH251 | PROBABILITY & STATISTICS |