

EGE ÜNİVERSİTESİ / MÜHENDİSLİK FAKÜLTESİ

MAKİNA MÜHENDİSLİĞİ BÖLÜMÜ

ÖNERİLEN 2024-2025 EĞİTİM PLANI

| Ders Kodu | Dersin Adı | Saat/Hafta | | | | Kredisi | AKTS Kredisi | Dersin Türü |
|---|---|------------|----------|------------------------|--------|---------|--------------|-------------|
| | | Kuramsal | Uygulama | Pratik/ Laboratuvar | Toplam | | | |
| Yıl 1 / Yarıyıl 1 | | | | | | | | |
| 507001012022 | TURKISH LANGUAGE I | 2 | 0 | 0 | 2 | 2 | 2 | Compulsory |
| 507001022022 | PRINCIPLES OF ATATURK AND RECENT TURKISH HISTORY I | 2 | 0 | 0 | 2 | 2 | 2 | Compulsory |
| CAL1032023 | CALCULUS-I | 3 | 2 | 0 | 5 | 4 | 7 | Compulsory |
| 507001052016 | PHYSICS I | 3 | 0 | 2 | 5 | 4 | 6 | Compulsory |
| 507001062022 | GENERAL CHEMISTRY | 3 | 0 | 1 | 4 | 3,5 | 7 | Compulsory |
| 507001072022 | TECHNICAL DRAWING | 2 | 2 | 0 | 4 | 3 | 3 | Compulsory |
| 507001272022 | INTRODUCTION TO MECHANICAL ENGINEERING | 2 | 0 | 0 | 2 | 2 | 1 | Compulsory |
| 507001292022 | CAREER PLANNING | 1 | 0 | 0 | 1 | 1 | 2 | Compulsory |
| TOPLAM | | 18,0 | 4,0 | 3,0 | 25,0 | 21,5 | 30,0 | |
| Yıl 1 / Yarıyıl 2 | | | | | | | | |
| 507000922022 | TURKISH LANGUAGE II | 2 | 0 | 0 | 2 | 2 | 2 | Compulsory |
| 507000942022 | PRINCIPLES OF ATATURK AND RECENT TURKISH HISTORY II | 2 | 0 | 0 | 2 | 2 | 2 | Compulsory |
| CAL1042023 | CALCULUS-II | 3 | 2 | 0 | 5 | 4 | 7 | Compulsory |
| 507001122016 | PHYSICS II | 3 | 0 | 2 | 5 | 4 | 7 | Compulsory |
| 507001132018 | STATICS | 3 | 0 | 0 | 3 | 3 | 5 | Compulsory |
| 507001142022 | COMPUTER AIDED TECHNICAL DRAWING | 2 | 2 | 0 | 4 | 3 | 4 | Compulsory |
| 507001242018 | TECHNICAL ENGLISH | 3 | 0 | 0 | 3 | 3 | 3 | Compulsory |
| TOPLAM | | 18,0 | 4,0 | 2,0 | 24,0 | 21,0 | 30,0 | |
| Yıl 2 / Yarıyıl 1 | | | | | | | | |
| 507002012022 | THERMODYNAMICS I | 3 | 0 | 0 | 3 | 3 | 4 | Compulsory |
| 507002022023 | MATERIALS SCIENCE | 3 | 0 | 0 | 3 | 3 | 4 | Compulsory |
| 507002132018 | DYNAMICS | 3 | 0 | 0 | 3 | 3 | 4 | Compulsory |
| 507002042018 | STRENGTH OF MATERIALS | 4 | 0 | 0 | 4 | 4 | 6 | Compulsory |
| LAG2052023 | LINEAR ALGEBRA | 2 | 1 | 0 | 3 | 2,5 | 6 | Compulsory |
| 507002332023 | ENGINEERING ECONOMICS | 2 | 0 | 0 | 2 | 2 | 2 | Compulsory |
| 507002312023 | COMPUTER PROGRAMMING | 2 | 1 | 0 | 3 | 2,5 | 4 | Compulsory |
| PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU - I (İSTEĞE BAĞLI) | | | | | | | | |
| TOPLAM | | 19,0 | 2,0 | 0,0 | 21,0 | 20,0 | 30,0 | |
| Yıl 2 / Yarıyıl 2 | | | | | | | | |
| 507002302022 | THERMODYNAMICS II | 3 | 0 | 0 | 3 | 3 | 4 | Compulsory |
| 507002102022 | ENGINEERING MATERIALS | 3 | 0 | 1 | 4 | 3,5 | 4 | Compulsory |
| 507002122018 | COMPUTATIONAL MECHANICS | 2 | 1 | 0 | 3 | 2,5 | 5 | Compulsory |
| 507002062022 | FUNDAMENTALS TO ELECTRICAL AND ELECTRONICS ENGINEERING | 2 | 0 | 0 | 2 | 2 | 2 | Compulsory |
| 507002322018 | FLUID MECHANICS | 4 | 0 | 0 | 4 | 4 | 5 | Compulsory |
| 507002202022 | TECHNICAL TRAINING I | 0 | 0 | 0 | 0 | 0 | 4 | Compulsory |
| DIF2222023 | DIFFERENTIAL EQUATIONS | 2 | 1 | 0 | 3 | 2,5 | 6 | Compulsory |
| PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU - II (İSTEĞE BAĞLI) | | | | | | | | |
| TOPLAM | | 16,0 | 2,0 | 1,0 | 19,0 | 17,5 | 30,0 | |
| Yıl 3 / Yarıyıl 1 | | | | | | | | |
| 507003012022 | MACHINE ELEMENTS - I | 3 | 0 | 0 | 3 | 3 | 3 | Compulsory |
| 507003052022 | MECHANISM TECHNIQUE | 3 | 0 | 0 | 3 | 3 | 3 | Compulsory |
| 507003072022 | SYSTEM DYNAMICS AND CONTROL | 3 | 0 | 0 | 3 | 3 | 3 | Compulsory |
| 507003272018 | COMPUTATIONAL FLUID DYNAMICS | 2 | 1 | 0 | 3 | 2,5 | 5 | Compulsory |
| 507003312018 | NUMERICAL ANALYSIS | 4 | 0 | 0 | 4 | 4 | 7 | Compulsory |
| 507003112018 | HEAT TRANSFER | 4 | 0 | 0 | 4 | 4 | 6 | Compulsory |
| UNI.ELEC.CO.U.I | UNIVERSITY ELECTIVE COURSE-I | 0 | 0 | 0 | 0 | 0 | 3 | Elective |

| PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU - III (İSTEĞE BAĞLI) | | | | | | | | |
|---|--|------|-----|-----|------|------|------|------------|
| TOPLAM | | 19,0 | 1,0 | 0,0 | 20,0 | 19,5 | 30,0 | |
| Yıl 3 / Yarıyıl 2 | | | | | | | | |
| 507003022022 | MACHINE ELEMENTS - II | 3 | 0 | 0 | 3 | 3 | 3 | Compulsory |
| 507003062022 | MACHINE DYNAMICS | 3 | 0 | 0 | 3 | 3 | 3 | Compulsory |
| 507003302018 | STATISTICS | 3 | 0 | 0 | 3 | 3 | 7 | Compulsory |
| 507003462022 | PROJECT MANAGEMENT | 2 | 0 | 0 | 2 | 2 | 1 | Compulsory |
| 507003322022 | TECHNICAL TRAINING II | 0 | 0 | 0 | 0 | 0 | 2 | Compulsory |
| 507003042022 | MANUFACTURING PROCESSES | 4 | 0 | 0 | 4 | 4 | 4 | Compulsory |
| RESTRICTED TECHNICAL ELECTIVE COURSE I | RESTRICTED TECHNICAL ELECTIVE COURSE I | 0 | 0 | 4 | 4 | 2 | 7 | Elective |
| UNI.ELEC.CO.U.II | UNIVERSITY ELECTIVE COURSE-II | 0 | 0 | 0 | 0 | 0 | 3 | Elective |
| PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU - IV (İSTEĞE BAĞLI) | | | | | | | | |
| TOPLAM | | 15,0 | 0,0 | 4,0 | 19,0 | 17,0 | 30,0 | |
| Yıl 4 / Yarıyıl 1 | | | | | | | | |
| 507004012022 | GRADUATE PROJECT | 0 | 2 | 0 | 2 | 1 | 2 | Compulsory |
| 507008472022 | GRADUATE PROJECT ⁽¹⁾ | 0 | 4 | 0 | 4 | 2 | 4 | Compulsory |
| 507008012022 | OCCUPATIONAL HEALTH AND SAFETY I | 2 | 0 | 0 | 2 | 2 | 2 | Compulsory |
| CHA002 | CHILD RIGHTS AND FAMILY EDUCATION | 1 | 0 | 0 | 1 | 1 | 2 | Compulsory |
| RESTRICTED TECHNICAL ELECTIVE COURSE II | RESTRICTED TECHNICAL ELECTIVE COURSE II | 0 | 4 | 0 | 4 | 2 | 12 | Elective |
| FREE TECHNICAL ELECTIVE COURSE I | FREE TECHNICAL ELECTIVE COURSE I | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| FREE TECHNICAL ELECTIVE COURSE I | FREE TECHNICAL ELECTIVE COURSE I | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| FREE TECHNICAL ELECTIVE COURSE I | FREE TECHNICAL ELECTIVE COURSE I | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU - V (İSTEĞE BAĞLI) | | | | | | | | |
| TOPLAM | | 9,0 | 6,0 | 0,0 | 15,0 | 12,0 | 30,0 | |
| Yıl 4 / Yarıyıl 2 | | | | | | | | |
| 507004012022 | GRADUATE PROJECT | 0 | 2 | 0 | 2 | 1 | 2 | Compulsory |
| 507008002022 | GRADUATE PROJECT ⁽¹⁾ | 0 | 4 | 0 | 4 | 2 | 4 | Compulsory |
| 507008022022 | OCCUPATIONAL HEALTH AND SAFETY II | 2 | 0 | 0 | 2 | 2 | 2 | Compulsory |
| 507008222022 | MACHINE LABORATORY | 0 | 0 | 2 | 2 | 1 | 3 | Compulsory |
| FREE TECHNICAL ELECTIVE COURSE II | FREE TECHNICAL ELECTIVE COURSE II | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| FREE TECHNICAL ELECTIVE COURSE II | FREE TECHNICAL ELECTIVE COURSE II | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| NON.TECH.ELEC.CO.U.RSE | NON-TECHNICAL ELECTIVE COURSE | 2 | 0 | 0 | 2 | 2 | 3 | Elective |
| RESTRICTED TECHNICAL ELECTIVE COURSE III | RESTRICTED TECHNICAL ELECTIVE COURSE III | 0 | 4 | 0 | 4 | 2 | 12 | Elective |
| PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU - VI (İSTEĞE BAĞLI) | | | | | | | | |
| TOPLAM | | 8,0 | 6,0 | 2,0 | 16,0 | 12,0 | 30,0 | |

(1) : Mezun olacak durumda olan bir öğrenci, 7. veya 8. yarıyıllarda açılan Bitirme Tezini, mezun olabileceği dönemde alabilir.

(2) : Kayıtlı oldukları dönem mezun olabilecek durumda olan öğrenciler ise, (I) yerine (II) veya tersi grubu dersleri alabileceklerdir.

ÖNERİLEN MÜFREDATA AİT SEÇMELİ DERSLER 2024-2025

| Ders Kodu | Dersin Adı | Saat/Hafta | | | | Kredisi | AKTS Kredisi | Dersin Türü |
|---|---|------------|----------|------------------------|--------|---------|--------------|-------------|
| | | Kuramsal | Uygulama | Pratik/ Laboratuvar | Toplam | | | |
| Yıl 2/Yarıyıl 1 | | | | | | | | |
| PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU - I (İSTEĞE BAĞLI) | | | | | | | | |
| PF201 | Eğitime Giriş | 3 | 0 | 0 | 3 | 3 | 4 | |
| PF203 | Öğretim İlke ve Yöntemleri | 3 | 0 | 0 | 3 | 3 | 4 | |
| Yıl 2/Yarıyıl 2 | | | | | | | | |
| PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU - II (İSTEĞE BAĞLI) | | | | | | | | |
| PF202 | Eğitimde Ölçme ve Değerlendirme | 3 | 0 | 0 | 3 | 3 | 4 | |
| PF204 | Eğitim Psikolojisi | 3 | 0 | 0 | 3 | 3 | 4 | |
| Yıl 3/Yarıyıl 1 | | | | | | | | |
| PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU - III (İSTEĞE BAĞLI) | | | | | | | | |
| PF301 | Sınıf Yönetimi | 2 | 0 | 0 | 2 | 2 | 3 | |
| PF303 | Özel Öğretim Yöntemleri | 3 | 0 | 0 | 3 | 3 | 4 | |
| Yıl 3/Yarıyıl 2 | | | | | | | | |
| PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU - IV (İSTEĞE BAĞLI) | | | | | | | | |
| PF302 | Öğretim Teknolojileri | 2 | 0 | 0 | 2 | 2 | 3 | |
| Yıl 4/Yarıyıl 1 | | | | | | | | |
| PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU - V (İSTEĞE BAĞLI) | | | | | | | | |
| PF401 | Rehberlik ve Özel Eğitim | 3 | 0 | 0 | 3 | 3 | 4 | |
| Yıl 4/Yarıyıl 2 | | | | | | | | |
| PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU - VI (İSTEĞE BAĞLI) | | | | | | | | |
| PF402 | Öğretmenlik Uygulamaları | 1 | 8 | 0 | 9 | 5 | 10 | |
| Yıl 3/Yarıyıl 1 | | | | | | | | |
| UNIVERSITY ELECTIVE COURSE-I (Bu seçmeli grubundan sadece 1 ders alınacaktır.)/ (Bu seçmeli grubundan toplam 3 AKTS kredisi ders alınacaktır.) | | | | | | | | |
| Yıl 3/Yarıyıl 2 | | | | | | | | |
| UNIVERSITY ELECTIVE COURSE-II (Bu seçmeli grubundan sadece 1 ders alınacaktır.)/ (Bu seçmeli grubundan toplam 3 AKTS kredisi ders alınacaktır.) | | | | | | | | |
| Yıl 3/Yarıyıl 2 | | | | | | | | |
| RESTRICTED TECHNICAL ELECTIVE COURSE I(Bu seçmeli grubundan sadece 1 ders alınacaktır.)/ (Bu seçmeli grubundan toplam 7 AKTS kredisi ders alınacaktır.) | | | | | | | | |
| | MICROCONTROLLER APPLICATIONS & MECHATRONIC WORKSHOP | 0 | 0 | 4 | 4 | 2 | 7 | Elective |
| Yıl 4/Yarıyıl 1 | | | | | | | | |
| RESTRICTED TECHNICAL ELECTIVE COURSE II (Bu seçmeli grubundan sadece 1 ders alınacaktır.)/ (Bu seçmeli grubundan toplam 12 AKTS kredisi ders alınacaktır.) | | | | | | | | |
| | MACHINE PROJECT I | 0 | 4 | 0 | 2 | 1 | 12 | Elective |
| Yıl 4/Yarıyıl 1 | | | | | | | | |
| FREE TECHNICAL ELECTIVE COURSE I (Bu seçmeli grubundan sadece 3 ders alınacaktır.)/ (Bu seçmeli grubundan toplam 12 AKTS kredisi ders alınacaktır.) | | | | | | | | |
| 507008172020 | ADVANCED COMPUTER PROGRAMMING & APPLICATIONS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008192020 | NUMERICAL HEAT TRANSFER | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008212020 | INTRODUCTION TO ROCKET TECHNOLOGY | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507004192020 | NUMERICAL THERMODYNAMICS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507004932020 | WIND ENERGY ENGINEERING | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507004372020 | HYDRAULIC MACHINES | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| | | | | | | | 4 | Elective |
| 507008432022 | CLIMATISATION TECHNIQUES | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008452022 | GAS DYNAMICS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507004392020 | DESIGN OF THERMAL SYSTEMS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008492022 | SOLAR ENERGY AND ITS APPLICATIONS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008512022 | STEAM BOILERS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |

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|---|--|----------|----------|----------|----------|----------|-----------|-----------------|
| 507008532022 | ENERGY TRANSFORMATIONS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507004532020 | INTRODUCTION TO COMBUSTION | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008112020 | THERMAL SYSTEM COMPUTER MODELLING | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008552022 | INDUSTRIAL ENERGY MANAGEMENT I | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008572022 | ENERGY SYSTEMS MEASUREMENTS AND CONTROL DESIGN | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008592022 | HYDRAULIC SYSTEMS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008612022 | MOTORS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008632022 | AUTOMOTIVE CONTROL SYSTEMS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008652022 | INTRODUCTION TO FRACTURE MECHANICS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008672022 | MATERIAL REMOVAL PROCESSES | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008692022 | MECHANICAL VIBRATIONS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008712022 | INTRODUCTION TO THEORY OF ELASTICITY | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008732022 | ADVANCED STRENGTH OF MATERIALS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507004652020 | INTRODUCTION TO COMPOSITE MATERIALS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008752022 | WELDING TECHNIQUES | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008772022 | SELECTING OF MATERIALS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008792022 | MANUFACTURING METHODS OF POLYMER | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008812022 | PLASTIC FORMING OF METALS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008832022 | INTRODUCTION TO PHOTONICS ENGINEERING | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008852022 | MAINTANENCE ENGINEERING | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008872022 | QUALITY CONTROL | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008892022 | FACTORY ORGANIZATION | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008332020 | INTRODUCTION TO NANOCOMPOSITES | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008352020 | INTRODUCTION TO MEDICAL DEVICE DESIGN | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008912022 | HEAT CONDUCTION | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008932022 | HEAT CONVECTION | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008952022 | PIPE FLOW | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008972022 | GAS TURBINES | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| Yıl 4/Yarıyıl 2 | | | | | | | | |
| RESTRICTED TECHNICAL ELECTIVE COURSE II (Bu seçmeli grubundan sadece 1 ders alınacaktır.)/ (Bu seçmeli grubundan toplam 12 AKTS kredisi ders alınacaktır.) | | | | | | | | |
| | MACHINE PROJECT II | 0 | 4 | 0 | 2 | 1 | 12 | Elective |
| Yıl 4/Yarıyıl 2 | | | | | | | | |
| FREE TECHNICAL ELECTIVE COURSE II (Bu seçmeli grubundan sadece 2 ders alınacaktır.)/ (Bu seçmeli grubundan toplam 8 AKTS kredisi ders alınacaktır.) | | | | | | | | |
| 507008382022 | ANALYSIS AND SOLUTION OF ENGINEERING SYSTEMS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008402022 | COMPUTER AIDED VIBRATION SIMULATIONS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008422022 | COMPUTER AIDED STRUCTURAL ANALYSIS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008142020 | THE FINITE ELEMENT METHOD | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507004642020 | ADVANCED COMPUTER PROGRAMMING | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507004962020 | INDUSTRIAL FANS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507004162020 | FUELS AND COMBUSTION SYSTEMS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008442022 | REFRIGERATION TECHNIQUES | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008462022 | DESIGN OF CLIMATIZATION SYSTEMS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008482022 | INDUSTRIAL ENERGY MANAGEMENT II | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008502022 | RENEWABLE ENERGY SYSTEMS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008522022 | HEAT RADIATION | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507004242020 | INTRODUCTION TO MECHANICS OF COMPOSITE MATERIALS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008542022 | INTRODUCTION TO THEORY OF PLASTICITY | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008562022 | INTRODUCTION TO MECHATRONICS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008582022 | MATERIAL INSPECTION METHODS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008602022 | NUMERICAL CONTROLLED MACHINES | 2 | 0 | 0 | 2 | 2 | 4 | Elective |

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|---|--|---|---|---|---|---|---|----------|
| 507008622022 | INTRODUCTION TO THE THEORY OF STABILITY | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507004702020 | INTRODUCTION TO ROBOTICS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008642022 | POLYMERIC TECHNOLOGY | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008662022 | POWDER METALLURGY | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008682022 | POLYMERIC COMPOSITE TEST METHODS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008702022 | NONTRADITIONAL MANUFACTURING | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008722022 | INDUSTRIAL ACOUSTICS AND NOISE | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507004982020 | INTRODUCTION TO NANOSCIENCE AND NANOTECHNOLOGY | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507004262020 | INTRODUCTION TO BIOMECHANICS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008742022 | LEAN PRODUCTION AND ENERGY MANAGEMENT | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008762022 | HEATING TECHNIQUES | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008782022 | HEAT EXCHANGERS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008802022 | CASTING TECHNOLOGY | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008822022 | FUNDAMENTALS OF EXERGY ANALYSIS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| 507008992023 | ADVANCED COMPUTATIONAL FLUID DYNAMICS | 2 | 0 | 0 | 2 | 2 | 4 | Elective |
| Yıl 4/Yarıyıl 2 | | | | | | | | |
| NON-TECHNICAL ELECTIVE COURSE II (Bu seçmeli grubundan sadece 1 ders alınacaktır.)/ (Bu seçmeli grubundan toplam 3 AKTS kredisi ders alınacaktır.) | | | | | | | | |
| MAK4182022 | HUMAN RESOURCE MANAGEMENT | 2 | 0 | 0 | 2 | 2 | 3 | Elective |
| MAK4042022 | MARKETING | 2 | 0 | 0 | 2 | 2 | 3 | Elective |
| MTY4022022 | BASIS OF BUSINESS MANAGEMENT AND MANAGERIAL SKILLS FOR ENGINEERS | 2 | 0 | 0 | 2 | 2 | 3 | Elective |
| MAK4062022 | ENTREPRENEURSHIP FOR QUALITY | 2 | 0 | 0 | 2 | 2 | 3 | Elective |
| INT4042022 | COMMERCIALIZATION OF INNOVATION AND ENTREPRENEURSHIP | 2 | 0 | 0 | 2 | 2 | 3 | Elective |
| GIP4022022 | ENTREPRENEURSHIP AND PREPARATION OF BUSINESS PLAN | 2 | 0 | 0 | 2 | 2 | 3 | Elective |
| MAK4582022 | FUNDAMENTALS OF COMMUNICATION | 2 | 0 | 0 | 2 | 2 | 3 | Elective |
| GID4062022 | FUNDAMENTALS OF LAW | 2 | 0 | 0 | 2 | 2 | 3 | Elective |
| GID4082022 | MANAGEMENT OF HUMAN RESOURCES | 2 | 0 | 0 | 2 | 2 | 3 | Elective |
| MAK4602022 | PUBLIC AFFAIRS | 2 | 0 | 0 | 2 | 2 | 3 | Elective |
| GID4122022 | TECHNICAL FOREIGN LANGUAGE II | 2 | 0 | 0 | 2 | 2 | 3 | Elective |
| GID4142022 | MARKETING | 2 | 0 | 0 | 2 | 2 | 3 | Elective |
| GID4162022 | READING AND WRITING SKILLS | 2 | 0 | 0 | 2 | 2 | 3 | Elective |
| GRE4022022 | ENTREPRENEURSHIP | 2 | 0 | 0 | 2 | 2 | 3 | Elective |
| MAK424 | HISTORY OF ENGINEERING SCIENCES | 2 | 0 | 0 | 2 | 2 | 3 | Elective |
| MAK4102022 | BUSINESS LAW AT ENGINEERING | 2 | 0 | 0 | 2 | 2 | 3 | Elective |
| MAK4122022 | INTRODUCTION TO COMPUTER | 2 | 0 | 0 | 2 | 2 | 3 | Elective |
| MAK4142022 | INTRODUCTION TO UNIVERSITY LIFE | 2 | 0 | 0 | 2 | 2 | 3 | Elective |
| MAK4162022 | COMMUNITY SERVICES ACTIVITIES | 2 | 0 | 0 | 2 | 2 | 3 | Elective |
| AKT4022022 | ACADEMIC TURKISH | 2 | 0 | 0 | 2 | 2 | 3 | Elective |