

ALANYA ALAADDİN KEYKUBAT UNIVERSITY
MANAGEMENT ENGINEERING DEPARTMENT COURSE PLAN

ENGINEERING FACULTY
MANAGEMENT ENGINEERING DEPARTMENT

Total ECTS

240

I. SEMESTER COURSES

| C. Code | Ders Adı | Course Name | C | T | A | L | ECTS |
|--------------|---|---|-----------|-----------|----------|----------|-----------|
| ATA 101 | Atatürk İlkeleri ve İnkılap Tarihi I | Principles of Atatürk and Turkish Revolution History Course I | 2,0 | 2 | 0 | 0 | 2 |
| BIL 101E | Bilgisayar ve Bilgi Teknolojilerine Giriş | Introduction to Comp. and Inf. Systems | 1,5 | 1 | 1 | 0 | 2 |
| FIZ 101E | Fizik I | Physics I | 3,0 | 3 | 0 | 0 | 4 |
| FIZ 101EL | Fizik I Lab. | Physics I Laboratory | 1,0 | 0 | 0 | 2 | 1 |
| KIM 101E | Kimya | Chemistry | 3,0 | 3 | 0 | 0 | 4 |
| KIM 101EL | Kimya Lab. | Chemistry Laboratory | 0,5 | 0 | 0 | 1 | 1 |
| MAT 101E | Matematik I | Mathematics I | 4,0 | 3 | 2 | 0 | 5 |
| ISM 101E | İşletme Mühendisliğine Giriş | Introduction to Management Engineering | 1,0 | 2 | 0 | 0 | 2 |
| RES 103E | Teknik Resim | Technical Drawing | 3,0 | 2 | 2 | 0 | 5 |
| TDB 101 | Türk Dili I | Turkish Language I | 2,0 | 2 | 0 | 0 | 2 |
| Total | | | 21 | 18 | 5 | 3 | 29 |

II. SEMESTER COURSES

| C. Code | Ders Adı | Course Name | C | T | A | L | ECTS |
|--------------|---------------------------------------|--|-----------|-----------|----------|----------|-----------|
| ATA 102 | Atatürk İlkeleri ve İnkılap Tarihi II | Principles of Atatürk and Turkish Revolution History Course II | 2,0 | 2 | 0 | 0 | 2 |
| FIZ 102E | Fizik II | Physics II | 3,0 | 3 | 0 | 0 | 4 |
| FIZ 102EL | Fizik II Lab. | Physics II Laboratory | 1,0 | 0 | 0 | 2 | 1 |
| MAT 102E | Matematik II | Mathematics II | 4,0 | 3 | 2 | 0 | 5 |
| ETK 102E | Mühendislik Etiği | Engineering Ethics | 1,0 | 1 | 0 | 0 | 2 |
| MAL 102E | Malzeme Bilimi | Material science | 3,0 | 3 | 0 | 0 | 4 |
| TDB 102 | Türk Dili 2 | Turkish Language II | 2,0 | 2 | 0 | 0 | 2 |
| ISM 102E | İş Hukukunun İlkeleri | Principles of Business Law | 2,0 | 2 | 0 | 0 | 3 |
| BIL 102E | Bilimsel Programlamaya Giriş | Introduction to Scientific Programming | 3,0 | 2 | 2 | 0 | 4 |
| MAT 108E | Lineer Cebir | Linear Algebra | 3,0 | 3 | 0 | 0 | 4 |
| Total | | | 24 | 21 | 4 | 2 | 31 |

III. SEMESTER COURSES

| C. Code | Ders Adı | Course Name | C | T | A | L | ECTS |
|--------------|------------------------------|---------------------------------------|-------------|-----------|----------|----------|-----------|
| EKO 133E | Mikro İktisat | Micro Economics | 3,0 | 3 | 0 | 0 | 5 |
| ISM 201E | Olasılık Teorisi | Probability Theory | 3,0 | 3 | 0 | 0 | 5 |
| ISM 203E | Üretim Yönetiminin Temelleri | Fundamentals of Production Management | 3,0 | 3 | 0 | 0 | 5 |
| ISM 205E | Genel Muhasebe | Financial Accounting | 2,5 | 2 | 1 | 0 | 4 |
| ISM 207E | Kalite Yönetimi | Quality Management | 3,0 | 3 | 0 | 0 | 5 |
| | 3. YY Seçmeli Ders (TM) | 3rd Semester Selective Course (TM) | 3,0 | 3 | 0 | 0 | 5 |
| Total | | | 17,5 | 17 | 1 | 0 | 29 |

IV. SEMESTER COURSES

| C. Code | Ders Adı | Course Name | C | T | A | L | ECTS |
|--------------|------------------------------------|-------------------------------------|-------------|-----------|----------|----------|-----------|
| EKO 134E | Makro İktisat | Macro Economics | 3,0 | 3 | 0 | 0 | 4 |
| END 202E | İstatistik Teorisi ve Uygulamaları | Statistical Theory and Applications | 3,0 | 2 | 2 | 0 | 5 |
| ISM 206E | Maliyet Muhasebesi | Cost Accounting | 2,5 | 2 | 1 | 0 | 4 |
| ISM 208E | Yönetim Organizasyon | Management and Organization | 3,0 | 3 | 0 | 0 | 4 |
| ISM 210E | Finansal Yönetim I | Financial Management I | 3,0 | 3 | 0 | 0 | 4 |
| MAT 202E | Diferansiyel Denklemler | Differential Equations | 4,0 | 4 | 0 | 0 | 5 |
| | 4. YY Seçmeli Ders I (TM) | 4th Semester Selective Course (TM) | 3,0 | 3 | 0 | 0 | 5 |
| Total | | | 21,5 | 20 | 3 | 0 | 31 |

V. SEMESTER COURSES

| C. Code | Ders Adı | Course Name | C | T | A | L | ECTS |
|--------------|-----------------------------|------------------------------------|-------------|-----------|----------|----------|-----------|
| ISM 301E | Pazarlama İlkeleri | Principles of Marketing | 3,0 | 3 | 0 | 0 | 4 |
| ISM303E | Yöneylem Araştırması | Operations Research | 3,0 | 2 | 2 | 0 | 5 |
| ISM305E | Finansal Yönetim II | Financial Management II | 3,0 | 3 | 0 | 0 | 4 |
| ISM307E | İnsan Kaynakları Yönetimi | Human Resources Management | 3,0 | 3 | 0 | 0 | 4 |
| END309E | Üretim Planlama ve Kontrol | Production Planning and Control | 3,0 | 3 | 0 | 0 | 6 |
| | 5. YY Seçmeli Ders -I (MT) | 5th Semester Selective Course (MT) | 2,5 | 2 | 1 | 0 | 4 |
| | 5. YY Seçmeli Ders -II (TM) | 5th Semester Selective Course (TM) | 3,0 | 3 | 0 | 0 | 4 |
| Total | | | 20,5 | 19 | 3 | 0 | 31 |

VI. SEMESTER COURSES

| C. Code | Ders Adı | Course Name | C | T | A | L | ECTS |
|--------------|------------------------------------|------------------------------------|-------------|-----------|----------|----------|-----------|
| ISM302E | Pazarlama Yönetimi | Marketing Management | 3,0 | 3 | 0 | 0 | 5 |
| ISM304E | İşletme Mühendisliği Tasarımı | Management Engineering Design | 2,5 | 2 | 1 | 0 | 5 |
| ISM306E | Ticaret Hukuku | Commercial Law | 3,0 | 3 | 0 | 0 | 4 |
| ISM308E | Mühendisler için Stratejik Yönetim | Strategic Management for Engineers | 3,0 | 3 | 0 | 0 | 5 |
| | 6. YY Seçmeli Ders -I (MT) | 6th Semester Selective Course (MT) | 3,0 | 3 | 0 | 0 | 5 |
| | 6. YY Seçmeli Ders -I (MT) | 6th Semester Selective Course (MT) | 3,0 | 3 | 0 | 0 | 5 |
| Total | | | 17,5 | 17 | 1 | 0 | 29 |

VII. SEMESTER COURSES

| C. Code | Ders Adı | Course Name | C | T | A | L | ECTS |
|--------------|------------------------------|-------------------------------------|-------------|-----------|----------|----------|-----------|
| END401 | İş Sağlığı ve Güvenliği I | Occupational Health and Safety I | 2,0 | 2 | 0 | 0 | 2 |
| ISM401E | Mühendislik Proje Yönetimi | Engineering Project Management | 2,5 | 2 | 1 | 0 | 6 |
| ISM403E | Seminer | Seminar | 1,0 | 0 | 2 | 0 | 2 |
| | 7. YY Seçmeli Ders -I (MT) | 7th Semester Selective Course (MT) | 3,0 | 3 | 0 | 0 | 6 |
| | 7. YY Seçmeli Ders -II (MT) | 7th Semester Selective Course (MT) | 3,0 | 3 | 0 | 0 | 6 |
| | 7. YY Seçmeli Ders -II (MT) | 7th Semester Selective Course (MT) | 3,0 | 3 | 0 | 0 | 6 |
| SGS101E | 7. YY Seçmeli Ders -IV (SGS) | 7th Semester Selective Course (SGS) | 2,0 | 2 | 0 | 0 | 2 |
| Total | | | 16,5 | 15 | 3 | 0 | 30 |

VIII. SEMESTER COURSES

| C. Code | Ders Adı | Course Name | C | T | A | L | ECTS |
|--------------|--------------------------------------|---------------------------------------|-------------|-----------|----------|----------|-----------|
| END402E | İş Sağlığı ve Güvenliği II | Occupational Health and Safety II | 1,0 | 1 | 0 | 0 | 1 |
| ISM402 | İş ve Sosyal Güvenlik Hukuku | Labor and Social Security Law | 3,0 | 3 | 0 | 0 | 4 |
| ISM404E | Matematiksel İktisat | Mathematical Economics | 2,0 | 2 | 1 | 0 | 3 |
| ISM492E | İşletme Mühendisliği Tasarım Projesi | Management Engineering Design Project | 3,0 | 0 | 6 | 0 | 8 |
| | 8. YY Seçmeli Ders -I (MT) | 8th Semester Selective Course (MT) | 3,0 | 3 | 0 | 0 | 6 |
| | 8. YY Seçmeli Ders -II (MT) | 8th Semester Selective Course (MT) | 3,0 | 3 | 0 | 0 | 6 |
| | 8. YY Seçmeli Ders -IV (SGS) | 8th Semester Selective Course (SGS) | 2,0 | 3 | 0 | 0 | 2 |
| Total | | | 17,5 | 15 | 7 | 0 | 30 |

Elective Courses:**3.Semester-TM Elective Courses**

| Course Code | Ders Adı | Course Name | Credits | Teor | App | Lab | ECTS | Type | C/E | Semester | Language |
|-------------|----------------------|-----------------------|---------|------|-----|-----|------|------|-----|----------|----------|
| MEK 213E | Mühendislik Mekaniği | Engineering Mechanics | 3,0 | 3 | 0 | 0 | 5 | TM | E | 3 | E |
| MEK 211E | Termodinamik-1 | Thermodynamic-1 | 3,0 | 3 | 0 | 0 | 5 | TM | E | 3 | E |
| MEK 215E | Makine Tasarımı | Machine Design | 3,0 | 3 | 0 | 0 | 5 | TM | E | 3 | E |
| GEN 217 | Biyoteknoloji | Biotechnology | 3,0 | 3 | 0 | 0 | 5 | TM | E | 3 | E |

4.Semester-TM Elective Courses

| Course Code | Ders Adı | Course Name | Credits | Teor | App | Lab | ECTS | Type | C/E | Semester | Language |
|-------------|---|---|---------|------|-----|-----|------|------|-----|----------|----------|
| BIL 202E | Programlama Dilleri ve Teknikleri | Programming Languages and Techniques | 3,0 | 2 | 2 | 0 | 5 | TM | E | 4 | E |
| ENV 208E | Çevre Bilimleri ve Mühendislik Esasları | Principles of Environmental Science and Engineering | 3,0 | 3 | 0 | 0 | 5 | TM | E | 4 | E |
| ELK 214E | Elektrik Mühendisliğinin Temelleri | Principles of Electrical Engineering | 3,0 | 3 | 0 | 0 | 5 | TM | E | 4 | E |
| FDE 216E | Gıda İşlem Yöntemleri | Food Process Methods | 3,0 | 3 | 0 | 0 | 5 | TM | E | 4 | E |

5.Semester-TM Elective Courses

| Course Code | Ders Adı | Course Name | Credits | Teor | App | Lab | ECTS | Type | C/E | Semester | Language |
|-------------|------------------------------------|--|---------|------|-----|-----|------|------|-----|----------|----------|
| BIL 205E | Veri Tabanı Sistemleri ve Yönetimi | Database Systems and Management | 3,0 | 2 | 2 | 0 | 4 | TM | E | 5 | E |
| END 311E | Esnek İmalat Sistemlerine Giriş | Introduction to Flexible Manufacturing Systems | 3,0 | 3 | 0 | 0 | 4 | TM | E | 5 | E |
| ISM 313E | Yönetim Bilişim Sistemleri | Management Information Systems | 3,0 | 3 | 0 | 0 | 4 | TM | E | 5 | E |
| ISM 315E | Teknoloji Yönetimi | Technology Management | 3,0 | 3 | 0 | 0 | 4 | TM | E | 5 | E |

5.Semester MT Elective Course

| Course Code | Ders Adı | Course Name | Credits | Teor | App | Lab | ECTS | Type | C/E | Semester | Language |
|-------------|--------------------------------------|---------------------------------------|---------|------|-----|-----|------|------|-----|----------|----------|
| ISM 317E | Yönetim Muhasebesi | Managerial Accounting | 2,5 | 2 | 1 | 0 | 4 | MT | E | 5 | E |
| ISM 319E | Uygulamalı Ekonometri | Applied Econometrics | 2,5 | 2 | 1 | 0 | 4 | MT | E | 5 | E |
| ISM 321E | Yatırım Analizi ve Firma Değerlemesi | Investment Analysis ve Firm Appraisal | 2,5 | 2 | 1 | 0 | 4 | MT | E | 5 | E |

6.Semester-MT Elective Course

| Course Code | Ders Adı | Course Name | Credits | Teor | App | Lab | ECTS | Type | C/E | Semester | Language |
|-------------|--|---|---------|------|-----|-----|------|------|-----|----------|----------|
| ISM310E | Türkiye Ekonomisi | Turkish Economy | 3,0 | 3 | 0 | 0 | 5 | MT | E | 6 | E |
| ISM312E | Girişimcilik | Entrepreneurship | 3,0 | 3 | 0 | 0 | 5 | MT | E | 6 | E |
| ISM318E | Sermaye Piyasası ve Menkul Kıymetler Analizi | Capital Markets and Stocks and Bonds Analysis | 3,0 | 3 | 0 | 0 | 5 | MT | E | 6 | E |
| END306E | İş Etüdü ve Ergonomi | Work Study and Ergonomics | 3,0 | 3 | 0 | 0 | 5 | MT | E | 6 | E |
| ISM320E | Yönetimsel Karar Verme Teknikleri | Managerial Decision Techniques | 3,0 | 3 | 0 | 0 | 5 | MT | E | 6 | E |

7.Semester-MT Elective Course

| Course Code | Ders Adı | Course Name | Credits | Teor | App | Lab | ECTS | Type | C/E | Semester | Language |
|-------------|--|---|---------|------|-----|-----|------|------|-----|----------|----------|
| ISM405E | Uluslararası Pazarlama | International Marketing | 3,0 | 3 | 0 | 0 | 6 | MT | E | 7 | E |
| ISM407E | Bankalar Hukuku | Banking Law | 3,0 | 3 | 0 | 0 | 6 | MT | E | 7 | E |
| ISM409E | Bütünleşik Sistem Tasarımı | Integrated System Design | 3,0 | 3 | 0 | 0 | 6 | MT | E | 7 | E |
| ISM411E | Sermaye Piyasası Hukuku | Capital Markets Law | 3,0 | 3 | 0 | 0 | 6 | MT | E | 7 | E |
| ISM413E | Örgütsel Davranış | Organizational Behavior | 3,0 | 3 | 0 | 0 | 6 | MT | E | 7 | E |
| ISM415E | İnovasyon Yönetimi | Innovation Management | 3,0 | 3 | 0 | 0 | 6 | MT | E | 7 | E |
| ISM417E | Pazarlama Araştırmaları | Marketing Research | 3,0 | 3 | 0 | 0 | 6 | MT | E | 7 | E |
| ISM419E | Üretimde Verimlilik ve Performans Analizi | Productivity and Performance Analysis in Production | 3,0 | 3 | 0 | 0 | 6 | MT | E | 7 | E |
| ISM421E | İşletme Mühendisliğinde Araştırma Yöntemleri | Research Methods at Management Engineering | 3,0 | 3 | 0 | 0 | 6 | MT | E | 7 | E |

8. Semester-MT Elective Course

| Course Code | Ders Adı | Course Name | Credits | Teor | App | Lab | ECTS | Type | C/E | Semester | Language |
|-------------|--------------------------------------|---|---------|------|-----|-----|------|------|-----|----------|----------|
| ISM404E | Satış Yönetimi | Sales Management | 3,0 | 3 | 0 | 0 | 6 | MT | E | 8 | E |
| ISM406E | Davranışsal Finans | Behavioral Finance | 3,0 | 3 | 0 | 0 | 6 | MT | E | 8 | E |
| ISM408E | İş Modelleri ve E-ticaret | Business Models and E-commerce | 3,0 | 3 | 0 | 0 | 6 | MT | E | 8 | E |
| ISM410E | Uluslararası İşletme Yönetimi | International Business and Administration | 3,0 | 3 | 0 | 0 | 6 | MT | E | 8 | E |
| ISM412E | Uluslararası İktisat | International Economics | 3,0 | 3 | 0 | 0 | 6 | MT | E | 8 | E |
| ISM414E | Kurumsal İtibar ve Etik Yönetimi | Corporate Reputation and Ethics | 3,0 | 3 | 0 | 0 | 6 | MT | E | 8 | E |
| ISM416E | Tedarik Zinciri Ve Lojistik Yönetimi | Supply Chain and Logistics Management | 3,0 | 3 | 0 | 0 | 6 | MT | E | 8 | E |
| ISM418E | İş Etüdü ve İş yükü Analizleri | Job Evaluation and Salary Management | 3,0 | 3 | 0 | 0 | 6 | MT | E | 8 | E |
| ISM420E | Finans Mühendisliği | Finance Engineering | 3,0 | 3 | 0 | 0 | 6 | MT | E | 8 | E |

7.Semester ve 8.Semester - ITB Elective Course (SGS)

| Course Code | Ders Adı | Course Name | Credits | Teor | App | Lab | ECTS | Type | C/E | Semester | Language |
|-------------|----------------------------------|--|---------|------|-----|-----|------|------|-----|----------|----------|
| SGS 101 | Sanat Tarihi | History of Art | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 103 | Bilim Tarihi ve Felsefesi | History of Science and Philosophy | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 105 | Afet Bilinci | Awareness of Disaster | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 107 | Etkili ve Güzel Konuşma | Oratory | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 109 | Temel İlk Yardım ve Acil Eğitimi | Basic First Aid and Emergency Training | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 111 | Okçuluk | Archery | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 113 | Boks, Karate ve Tekvando | Boxing, Karate, Taekwondo | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 115 | Futbol | Football | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 117 | Voleybol | Volleyball | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 119 | Basketbol | Basketball | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 121 | Tenis | Tennis | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 123 | Masa Tenisi | Table Tennis | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 125 | Halk Oyunları | Folk Dances | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 127 | Müzik Kültürü | Culture of Music | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 129 | Resim | Drawing | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 131 | Tiyatro ve Sinema | Theatre and Cinema | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 133 | Sağlıklı Yaşam | Healthy Life | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 135 | Beslenme | Nourishment | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 137 | Medya Okuryazarlığı | Media Literacy | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 139 | Matematiksel Estetik | Mathematical Aesthetics | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 141 | Endüstriyel Tasarım | Industrial Design | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 143 | Temel Fotoğrafçılık | Fundamental of Photography | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 145 | Sörf | Surfing | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 147 | Mitoloji | Mythology | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 149 | Antik Kentler | Ancient City | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 151 | Sosyoloji | Sociology | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |
| SGS 153 | Felsefe | Philosophy | 2 | 2 | 0 | 0 | 2 | ITB | E | 7-8 | E |

*Kredi Türü**Temel Mühendislik (TM)**Mühendislik Tasarım (MT)**İnsan & Toplum Bilim (ITB)**Toplam Kredi**Zorunlu Ders Kredisi**Seçmeli Ders Kredisi**Toplam Kredi**Bologna Kriterleri**Toplam AKTS**Seçmeli**Aralıklar*

37,5 23,1 20 min

45,0 27,7 25-35

35,0 21,5 20 min

162,5 100,0

116,5 71,7

46,0 28,3 min 20

162,5 100,0

240,0 100,0

68,0 28,3 min 25