

Industrial Engineering (Turkish)

Faculty of Engineering · Bachelor's · Bologna course information package · ENDÜSTRİ MÜHENDİSLİĞİ (TÜRKÇE)
2025-DEVAM

ADD-EEE206 · YARIİLETKENLER

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-CSE110 · WEB TEKNOLOJİLERİ

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-ECO406 · TÜRKİYE EKONOMİSİ

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-EEE312 · NANOTEKNOLOJİ

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-PSİ-482 · TEKNOLOJİ BAĞIMLILIĞI

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-CSE318 · BULUT BİLİŞİM VE UYGULAMALARI

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-SKY106 · DAVRANIŞ BİLİMLERİ

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-GMS120 · TOPLUMSAL DUYARLILIK UYGULAMALARI

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-GMS214 · SOKAK LEZZETLERİ

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-GMS218 · EKMEKÇİLİK

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-GMS316 · MOLEKÜLER GASTRONOMİ

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-GMS322 · BUTİK PASTACILIK

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-CVE330 · INNOVATIVE LEADERSHIP

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-ENM224 · MÜHENDİSLER İÇİN SAYISAL YÖNTEMLER

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-ENM226 · ENDÜSTRİYEL KÜMELER VE AĞLAR

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-ENM222 · İLERİ İMALAT TEKNOLOJİSİ

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-MAN228 · ÖRGÜTSEL DAVRANIŞ

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-MAN328 · YÖNETİM MUHASEBESİ

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-INF202 · İŞLETME FİNANSI

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-CVE336 · HEYELANLAR

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-CVE338 · YOL DRENAJ SİSTEMLERİ

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-ENM228 · MÜHENDİSLER İÇİN İŞLETME

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-EKO202 · MAKRO EKONOMİ

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ENM256 · MÜHENDİSLİKTE VERİ ANALİZİ

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-SKY109 · ÖRGÜT PSİKOLOJİSİ

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-ITL201 · ULUSLARARASI TİCARETE GİRİŞ

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-ITL343 · ULUSLARARASI TİCARET VE LOJİSTİKTE GÜNCEL KONULAR

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-PSYC101 · PSİKOLOJİYE GİRİŞ I

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-INF301 · ULUSLARARASI TİCARET VE FİNANS

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-INF403 · TÜRKİYE SERMAYE PİYASALARI

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-ECO301 · PARA TEORİSİ VE POLİTİKASI

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-EEE451 · PROFESYONEL MÜHENDİSLİK GELİŞİMİ

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-ECO445 · YEREL EKONOMİK KALKINMA

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-ENM401 · ASTRONOMİ VE UZAY BİLİMLERİ

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-ENM455 · DERİN ÖĞRENME

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-ENM457 · İŞ HUKUKU

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ADD-ENM459 · GİRİŞİMCİLİK

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

TÜR101 · TURKISH LANGUAGE I

General information

Semester	1
Type	Zorunlu
Theory / Practice / Lab	2 / 0 / 0
ECTS	2
Level of study	Lisans
Mode of study	Birinci Öğretim

ATA101 · ATATURK'S PRINCIPLES AND HISTORY OF REVOLUTION I

General information

Semester	1
Type	Zorunlu
Theory / Practice / Lab	2 / 0 / 0
ECTS	2
Level of study	Lisans
Mode of study	Birinci Öğretim

FIZ101 · PHYSICS I

General information

Semester	1
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 2
ECTS	6
Level of study	Lisans
Mode of study	Birinci Öğretim

ING101 · ENGLISH I

General information

Semester	1
Type	Zorunlu
Theory / Practice / Lab	2 / 0 / 0
ECTS	2
Level of study	Lisans
Mode of study	Birinci Öğretim

Learning outcomes

1	Temel düzeyde dilbilgisi yapılarına hakim olur
2	Seviye, ilgi alanı ve kariyer seçimine uygun kelime dağarcığına sahip olur
3	Seviyeye, ilgi alanına ve kariyer seçimine uygun şekilde yazılı/sözlü iletişim kurar
4	Çeşitli okuma metinlerini analitik düzeyde anlar

Weekly topics

Week	Subject
1	Introductory Lesson, Explaining the Syllabus/ Coursebook
2	Unit 1 - ENGINEERING - PART 1
3	Unit 1 - ENGINEERING - PART 2
4	Unit 1 - ENGINEERING - PART 3
5	Unit 2 - DESIGN AND MODELING - PART 1
6	FUnit 2 - DESIGN AND MODELING - PART 2
7	Unit 2 - DESIGN AND MODELING - PART 3
8	ARA SINAV
9	UNIT 3 - MEASUREMENT - PART 1

Week	Subject
10	UNIT 3 - MEASUREMENT - PART 2
11	UNIT 3 - MEASUREMENT - PART 3
12	Unit 4 - STRENGTH AND STIFFNESS - PART 1
13	Unit 4 - STRENGTH AND STIFFNESS - PART 2
14	Unit 4 - STRENGTH AND STIFFNESS - PART 3
15	FİNAL SINAV İÇİN KONULARIN TEKRARI
16	Final Sınavı

İSG101 · OCCUPATIONAL HEALTH AND SAFETY I

General information

Semester	1
Type	Zorunlu
Theory / Practice / Lab	2 / 0 / 0
ECTS	3
Level of study	Lisans
Mode of study	Birinci Öğretim

MAT109 · MATHEMATICS I

General information

Semester	1
Type	Zorunlu
Theory / Practice / Lab	4 / 2 / 0
ECTS	6
Level of study	Lisans
Mode of study	Birinci Öğretim

KAR101 · CAREER PLANNING

General information

Semester	1
Type	Elective
Theory / Practice / Lab	1 / 0 / 0
ECTS	1

BYM101 · INTRODUCTION TO PROGRAMMING

General information

Semester	1
Type	Elective
Theory / Practice / Lab	3 / 2 / 0
ECTS	5

ENM103 · SYSTEM ANALYSIS AND DESIGN

General information

Semester	1
Type	Elective
Theory / Practice / Lab	2 / 0 / 0
ECTS	3

MAT110 · MATHEMATICS II

General information

Semester	2
Type	Zorunlu
Theory / Practice / Lab	4 / 2 / 0
ECTS	6
Level of study	Lisans
Mode of study	Birinci Öğretim

ENM106 · INTRODUCTION TO INDUSTRIAL ENGINEERING

General information

Semester	2
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

ING102 · ENGLISH II

General information

Semester	2
Type	Zorunlu
Theory / Practice / Lab	2 / 0 / 0
ECTS	2
Level of study	Lisans
Mode of study	Birinci Öğretim

İSG102 · OCCUPATIONAL HEALTH AND SAFETY II

General information

Semester	2
Type	Zorunlu
Theory / Practice / Lab	2 / 0 / 0
ECTS	3
Level of study	Lisans
Mode of study	Birinci Öğretim

TÜR102 · TURKISH LANGUAGE II

General information

Semester	2
Type	Zorunlu
Theory / Practice / Lab	2 / 0 / 0
ECTS	2
Level of study	Lisans
Mode of study	Birinci Öğretim

ENM104 · TECHNICAL DRAWING FOR INDUSTRIAL ENGINEERING

General information

Semester	2
Type	Zorunlu
Theory / Practice / Lab	2 / 2 / 0
ECTS	5
Level of study	Lisans
Mode of study	Birinci Öğretim

FIZ102 · PHYSICS II

General information

Semester	2
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 2
ECTS	6
Level of study	Lisans
Mode of study	Birinci Öğretim

ATA102 · ATATURK'S PRINCIPLES AND HISTORY OF REVOLUTION II

General information

Semester	2
Type	Zorunlu
Theory / Practice / Lab	2 / 0 / 0
ECTS	2
Level of study	Lisans
Mode of study	Birinci Öğretim

EKO201 · MİKRO EKONOMİ

General information

Semester	3
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

ING201 · ENGLISH III

General information

Semester	3
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	3
Level of study	Lisans
Mode of study	Birinci Öğretim

MAT209 · LINEAR ALGEBRA

General information

Semester	3
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	5
Level of study	Lisans
Mode of study	Birinci Öğretim

MAT211 · PROBABILITY AND RANDOM VARIABLES

General information

Semester	3
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	5
Level of study	Lisans
Mode of study	Birinci Öğretim

ENM205 · MALZEME BİLİMİ VE TEMEL İMALAT TEKNOLOJİSİ

General information

Semester	3
Type	Zorunlu
Theory / Practice / Lab	4 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

ENM211 · GENEL MUHASEBE

General information

Semester	3
Type	Elective
Theory / Practice / Lab	2 / 0 / 0
ECTS	3

ENM207 · ÜRETİM VE HİZMET SİSTEMLERİ

General information

Semester	3
Type	Elective
Theory / Practice / Lab	2 / 0 / 0
ECTS	3

ENM204 · ERGONOMİ

General information

Semester	4
Type	Zorunlu
Theory / Practice / Lab	2 / 2 / 0
ECTS	6
Level of study	Lisans
Mode of study	Birinci Öğretim

İNG202 · ENGLISH IV

General information

Semester	4
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

ENM200 · OPERATIONS RESEARCH I

General information

Semester	4
Type	Zorunlu
Theory / Practice / Lab	2 / 2 / 0
ECTS	6
Level of study	Lisans
Mode of study	Birinci Öğretim

MAT212 · MÜHENDİSLİK İSTATİSTİK

General information

Semester	4
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

MAT214 · DİFERANSİYEL DENKLEMLER

General information

Semester	4
Type	Zorunlu
Theory / Practice / Lab	4 / 0 / 0
ECTS	6
Level of study	Lisans
Mode of study	Birinci Öğretim

ENM309 · MÜHENDİSLİK EKONOMİSİ

General information

Semester	5
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

ENM303 · İŞ ETÜDÜ

General information

Semester	5
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

ENM301 · YÖNEYLEM ARAŞTIRMASI II

General information

Semester	5
Type	Zorunlu
Theory / Practice / Lab	2 / 2 / 0
ECTS	6
Level of study	Lisans
Mode of study	Birinci Öğretim

ENM307 · İNSAN KAYNAKLARI YÖNETİMİ

General information

Semester	5
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

ENM351 · İŞ İLETİŞİMİ

General information

Semester	5
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	3

ENM257 · EXCEL TEMEL İŞLEMLER VE UYGULAMALAR

General information

Semester	5
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	3

ENM251 · İŞ İLETİŞİMİ

General information

Semester	5
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	3

ENM323 · BİLGİSAYARLA BÜTÜNLEŞİK ÜRÜN TASARIMI

General information

Semester	5
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ENM325 · DENEY TASARIMI VE ANALİZİ

General information

Semester	5
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ENM328 · BAĞIMSIZ ÇALIŞMA

General information

Semester	5
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ENM305 · ÇOK BOYUTLU İSTATİSTİK YÖNTEMLERİ VE SPSS

General information

Semester	5
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ENM320 · TAHMİN YÖNTEMLERİ

General information

Semester	5
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ENM353 · R PROGRAMLAMAYA GİRİŞ

General information

Semester	5
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ENM355 · RİSK VE GÜVENİLİRLİK ANALİZİ

General information

Semester	5
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

EEM345 · MÜHENDİSLİKTE İNOVATİF YAKLAŞIMLAR

General information

Semester	5
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ENM359 · MATLAB PROGRAMLAMA

General information

Semester	5
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ENM333 · MAKİNE ÖĞRENMESİ VE OPERASYONEL TAHMİNLEME

General information

Semester	5
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ENM304 · STOKASTİK MODELLER

General information

Semester	6
Type	Zorunlu
Theory / Practice / Lab	2 / 2 / 0
ECTS	5
Level of study	Lisans
Mode of study	Birinci Öğretim

ENM310 · ÜRETİM PLANLAMA

General information

Semester	6
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

ENM300 · TESIS PLANLAMA

General information

Semester	6
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

STAJ300 · YAZ STAJI

General information

Semester	6
Type	Zorunlu
Theory / Practice / Lab	0 / 0 / 0
ECTS	3
Level of study	Lisans
Mode of study	Birinci Öğretim

ENM324 · KARAR MODELLERİ

General information

Semester	6
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

ENM334 · TEDARİK ZİNCİRİ YÖNETİMİ

General information

Semester	6
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

ENM322 · LOJİSTİK MÜHENDİSLİĞİ

General information

Semester	6
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	3

ENM330 · TASARIM DÜŞÜNCESİ

General information

Semester	6
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	3

ENM332 · MÜHENDİSLER İÇİN YAPAY ZEKA VE R PROGRAMDA UYGULAMALAR

General information

Semester	6
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	3

ENM326 · YALIN ÜRETİM

General information

Semester	6
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	3

ENM423 · PROJE YÖNETİMİ

General information

Semester	6
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	3

ENM421 · OPTİMİZASYON YÖNTEMLERİ

General information

Semester	6
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	3

ENM302 · MÜHENDİSLİKTE MALİYET ANALİZİ

General information

Semester	6
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	3

ENM401 · SİSTEM SİMÜLASYONU

General information

Semester	7
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

ENM403 · KALİTE MÜHENDİSLİĞİ

General information

Semester	7
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

ENM499 · ENDÜSTRİ MÜHENDİSLİĞİ PROJESİ

General information

Semester	7
Type	Zorunlu
Theory / Practice / Lab	0 / 12 / 0
ECTS	6
Level of study	Lisans
Mode of study	Birinci Öğretim

ENM425 · BÜTÜNLEŞİK ÜRÜN GELİŞTİRME

General information

Semester	7
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ENM427 · YÖNETİM BİLİŞİM SİSTEMLERİ

General information

Semester	7
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ENM431 · KURUMSAL KAYNAK PLANLAMA

General information

Semester	7
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ENM429 · DİJİTAL DÖNÜŞÜM

General information

Semester	7
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ENM306 · MALZEME VE STOK YÖNETİMİ

General information

Semester	7
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ENM433 · SPSS'te İSTATİSTİK YÖNTEMLERİ

General information

Semester	7
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ENM451 · MARKETING MANAGEMENT

General information

Semester	7
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ENM455 · DERİN ÖĞRENME

General information

Semester	7
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ENM461 · İŞ ZEKASI

General information

Semester	7
Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

ENM400 · UYGULAMALI MÜHENDİSLİK

General information

Semester	8
Type	Zorunlu
Theory / Practice / Lab	0 / 40 / 0
ECTS	30
Level of study	Lisans
Mode of study	Birinci Öğretim