

MÜHENDİSLİK FAKÜLTESİ
DERS İZLENCE FORMU

Doküman No	MF.FR.004
Revizyon Tarihi	13.11.2024
Revizyon No	01
Sayfa No	1 / 5

IUL 152 - BUILDING THE FUTURE

Ders Kodu	Ders Adı	Dönem
IUL 152	BUILDING THE FUTURE	Güz ☐ Bahar ☒ Yaz ☐
Ders Saatleri		Kredi
Teori	Uygulama	AKTS
1		1

Ders Detayları	
Bölüm	Software Engineering
Ders Dili	English
Ders Düzeyi	Lisans ☒ Yüksek Lisans ☐
Öğrenim Türü	Örgün Öğretim ☐ Uzaktan ☒ Hibrit ☐
Ders Türü	Zorunlu ☒ Seçmeli ☐
Ders Amacı	This course aims to provide university students with awareness by transferring information on self-awareness, taking responsibility, active thinking, working together, developing skills and competencies, ethical perception, social responsibility and environmental sustainability. It is also aimed to provide students with information on preparing a resume, career planning, how to evaluate future job opportunities, to provide them with the awareness of reading the future, understanding change and creating their own future and to provide them with a vision from today to the future.
Ders İçeriği	The course content starts from how to estimate the future, by explaining the concept of the only thing unchanged is the ever changing process (transformation) itself. With this introduction, the student is informed about getting ready for future and building his/her own future. The tools, the methods are being covered. Ethics and Professional responsibilities are also explained. Some specific examples are being introduced from near past, supported by real life experience and also a futuristic perspective is provided.
Ders Yöntem ve Teknikleri	Anlatım ☒ Soru-Cevap ☐ Sunum ☐ Müzakere ☒
Ön Koşullar	
İş Yeri Durumu	

MÜHENDİSLİK FAKÜLTESİ
DERS İZLENCE FORMU

Doküman No	MF.FR.004
Revizyon Tarihi	13.11.2024
Revizyon No	01
Sayfa No	2 / 5

Ders Kaynakları

Course Notes, Explanations, Real Life experiences provided by the Instructor.
The book: The World in 2050 – How to think about the Future (Hamish McRAE)
Opensource resources

Ders Yapısı

Matematik ve Temel Bilimler	☐	Eğitim Bilimleri	☒
Mühendislik Bilimleri	☐	Fen Bilimleri	☐
Mühendislik Tasarımı	☒	Sağlık Bilimleri	☐
Sosyal Bilimler	☒	Alan Bilgisi	☒

Haftalık Çizelge

No	Konular	Dokümanlar/Notlar
1	Estimating the future	The book: The World in 2050 – How to think about the Future (Hamish McRAE)
2-4	Making yourselves ready for the future	-- personally -- technically -- socially -- locally -- globally -- safely -- riskly -- securely
5-7	Build your own future SWOT analysis (Strengths, Weaknesses, Opportunities, Threats)	-- your goals / expectations / dreams -- your capabilities -- your strengths -- your weakness -- your limits -- your oppurtunities -- your tools -- your networks
8	MidTerm Break	No MidTerm
9	Smart Goal Settings	Time-bound, Realistic, Measurable, Specific, and achievable
10	Thinking Critically and Creatively	• Critical thinking: challenge facts and use reason. Examine issues from several perspectives.

MÜHENDİSLİK FAKÜLTESİ
DERS İZLENCE FORMU

Doküman No	MF.FR.004
Revizyon Tarihi	13.11.2024
Revizyon No	01
Sayfa No	3 / 5

		• Creative thinking: be open-minded and investigate novel solutions. • Making mistakes is common and a necessary part of learning.
11	Personal Branding:	How others perceive you both online and off is your personal brand. • Establish a professional identity at a young age.
12	The effect of R&D for Building the Future	• The secret to success is innovation. What is innovation? • Discover how R&D helps firms expand. • Keep up with the latest developments in science and technology. • Be open to learning and inquisitive at all times • Local, Regional and Global R&D Funds and Methods and how to utilize them
13	Career Planning, Soft Skills, Networking and Communication	• Explore career paths • Resume/CV preparation • Interview preparation • Personal image, Body Language • Communication skills • Communication, Cooperation, and Collaboration • International atmosphere of our university and its benefits
14	Professional Ethics and Workplace Behavior	• Social responsibilities, • Professional responsibilities, • Honesty and integrity, • Punctuality, • "Your word is your signature." • Knowing how and when to express the truth • Hard work and excellence will always make a difference
15	A Real Life Example for Building the Future	Hürkuş: Hero in the Sky
16	Final Exam	

MÜHENDİSLİK FAKÜLTESİ
DERS İZLENCE FORMU

Doküman No	MF.FR.004
Revizyon Tarihi	13.11.2024
Revizyon No	01
Sayfa No	4 / 5

Değerlendirme Ölçütleri		
Yarıyıl Çalışmaları	Sayı	Katkı Payı
Devam		
Laboratuvar		
Uygulama		
Alan Çalışması		
Derse Özgü İş Yeri Eğitimi		
Küçük Sınavlar/Stüdyo/Kritik		
Ödev		
Sunum		
Projeler		
Rapor		
Seminer		
Ara Sınavlar/Ara Jüri		
Genel Sınav/Final Jüri/Teslim		100
Toplam		%100
Yarıyıl İçi Çalışmalarının Başarı Notu Katkısı		-
Yarıyıl Sonu Çalışmalarının Başarı Notuna Katkısı		100
Toplam		%100

AKTS/İş Yüğü Tablosu			
Aktiviteler	Sayı	Süresi (Saat)	Toplam İş Yüğü
Ders Saati	1	15	15
Laboratuvar			
Uygulama			
Alan Çalışması			
Derse Özgü İş Yeri Eğitimi			
Sınıf Dışı Ders Çalışma Süresi			
Küçük Sınavlar/Stüdyo/Kritik			
Ödev			
Sunum / Seminer Hazırlama			
Projeler			
Rapor			
Ara sınav ve Ara Sınava Hazırlık			
Genel Sınav ve Genel Sınava Hazırlık	1	10	10
Toplam İş Yüğü			25
Toplam İş Yüğü / 25			1
AKTS Kredisi			1

MÜHENDİSLİK FAKÜLTESİ
DERS İZLENCE FORMU

Doküman No	MF.FR.004
Revizyon Tarihi	13.11.2024
Revizyon No	01
Sayfa No	5 / 5

Ders Öğrenme Çıktıları

No	Açıklama
Ö1	Students will learn the challenges and oppurtunities that will wait for them in the future
Ö2	Students will learn how to set smart goals for their professional lifes
Ö3	Students will learn what an innovation is and the effect of R&D for building the future
Ö4	Students will learn Professional ethics and behaviours
Ö5	Students will learn the tools and methods to increase their readiness for building the future

Ders Öğrenme Çıktılarının Program Öğrenme Çıktılarına Katkısı

Katkı Düzeyi: 1: Çok Düşük, 2: Düşük, 3: Orta, 4: Yüksek, 5: Çok Yüksek

	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	Toplam
Ö1						3	3	3	3	3	3					18
Ö2						3	3	3	3	3	3					18
Ö3						3	3	3	3	3	3					18
Ö4						3	3	3	3	3	3					18
Ö5						3	3	3	3	3	3					18
Toplam																90