

Bilgisayar Mühendisliği Bölümü / Rektörlük / Bilgisayar Mühendisliği Lisans (%100 İngilizce)						
Ders Kodu	Ders Adı	Teorik	Uygulama	Laboratuvar	Yerel Kredi	AKTS
IKC-GID.02	MARITIME LOGISTICS AND SUPPLY CHAIN SYSTEMS	2,00	0,00	0,00	3,00	3,00
Ders Detayı						
Dersin Dili	: İngilizce					
Dersin Seviyesi	: Lisans					
Dersin Tipi	: Seçmeli					
Ön Koşullar	: Yok					
Dersin Amacı	: The main objective of this course is to develop a comprehensive understanding of the maritime logistics and supply chain systems including management strategies, operations, trends, technologies, efficiency analysis, and sustainability.					
Dersin İçeriği	: This course covers the concepts of different logistics operations and supply chain systems including maritime logistics, port-centric logistics, offshore oil and gas logistics, offshore wind farm logistics, reverse logistics, humanitarian logistics, and service industries logistics. The course explains the maritime logistics systems as a part of the global supply chains and addresses procurement, inventory management, technological innovations, financial management, risks and robustness, and efficiency issues arisen in industrial practices.					
Dersin Kitabı / Malzemesi / Önerilen Kaynaklar	: Textbook: Mangan, J., & Lalwani, C. L. (2016). Global Logistics and Supply Chain Management. John Wiley & Sons.					
Planlanan Öğrenme Etkinlikleri ve Öğretme Yöntemleri	: Lectures will be delivered theoretically in classroom. PPT presentations,board and supportive videos will be used.					
Ders İçin Önerilen Diğer Hususlar	: Students should allocate some time weekly basis or self-studying to obtain a clear understanding of the lecture contents in details.					
Dersi Veren Öğretim Elemanları	: Arş. Gör. Dr. Murat Aymelek					
Dersi Veren Öğretim Elemanı Yardımcıları	: There is not any teaching assistant for this module.					
Dersin Verilişi	: Theory, Problem sets, Visual Learning.					
En Son Güncelleme Tarihi:	:					

Ders Öğrenme Çıktıları
Bu dersi tamamladığında öğrenci :
1 Students will learn fundamentals of globalisation, International Trade, Global Supply Chains and Practical Supply Chain Management Strategies.
2 Maritime logistics operations and practical concepts as a part of supply chain systems will be understood by students clearly.
3 Students will comprehend basics of procurement, inventory management and warehousing systems.
4 Students will be familiar with innovation and technology use in maritime logistics and supply chain systems.
5 Students will be able to basic vulnerability, risk, robustness and resillience assesment and financial flow analysis regarding the supply chains
6 Sustainable, energy efficient supply chains and reverse logistics concepts will be well understood by students.
7 Students will be faimiliar with different relevant logistics & supply chain concepts besides maritime logistics including oil and gas, offshore windfarm, humanitarian,maritime hospitality industry and military logistics.
8 Students will be able to design and analyse basic maritime logistics concepts including port-centric logistics.

Ön Koşullar						
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Haftalık Konular ve Hazırlıklar						
	Teorik	Uygulama	Laboratuvar	Hazırlık Bilgileri	Öğretim Metodları	Dersin Öğrenme Çıktıları
1.Hafta	*Globalisation, International Trade, and Supply Chain Management Strategies					
2.Hafta	*Role of Maritime Logistics in Supply Chains					
3.Hafta	*Procurement, E-Procurement, Inventory Management and Warehousing					
4.Hafta	*Innovation and Technology Use in the Supply Chain and Maritime Industry					
5.Hafta	*Finance Flows in the Supply Chains					
6.Hafta	*Supply Chain Vulnerability, Risk, Robustness and Resillience					
7.Hafta	*Mid Semester Exam					
8.Hafta	*Green Logistics and Sustainable Supply Chains					
9.Hafta	*Efficiency in Maritime Logistics					
10.Hafta	*Port Logistics and Port-Centric Logistics					
11.Hafta	*Logistics of the Offshore Oil & Gas Industry and the Offshore Wind Farms					
12.Hafta	*Marine Tourism and Logistics of Maritime Hospitality Industry					
13.Hafta	*Military Logistics, Disaster management and Humanitarian Aid Supply Chains					
14.Hafta	*Design and Analysis of Maritime Logistics Systems					
15.Hafta	*Sevice Supply Chain Systems					

Değerlendirme Sistemi %
1 Vize : 40,000
2 Final : 60,000

AKTS İş Yüğü			
Aktiviter	Sayı	Süresi(Saat)	Toplam İş Yüğü
Derse Katılım / Attending lectures	14	2,00	28,00
Ara Sınav Hazırlık / Preparation for midterm	9	3,00	27,00
Vize / Midterms	1	2,00	2,00
Final Sınavı Hazırlık / Preparation for final	5	6,00	30,00
Final / Final	1	2,00	2,00
Ders Sonrası Biresysel Çalışma / Individual study after lecture	14	1,00	14,00
Toplam : 103,00			
Toplam İş Yüğü / 30 (Saat) : 3			
AKTS : 3,00			

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