

**ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ LİSANS PROGRAMI'NDA ÇAP YAPACAK İLETİŞİM SANATLARI BÖLÜMÜ LİSANS PROGRAMI ÖĞRENCİLERİ İÇİN DERS PLANI**

ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ LİSANS PROGRAMI DERS PLANI	İLETİŞİM SANATLARI BÖLÜMÜ LİSANS PROGRAMI DERS PLANINDAKİ EŞDEĞER DERSLER	ÇAP ÖĞRENCİSİNİN ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ LİSANS PROGRAMI DERS PLANINDAN ALMAK ZORUNDA OLDUĞU DERS
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1. YARIYIL			1. YARIYIL			1. YARIYIL	
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI
IE1001	Introduction to Computing	6				IE1001	Introduction to Computing
IE1601	Engineering Graphics	5				IE1601	Engineering Graphics
IE1801	Engineering Orientation	2				IE1801	Engineering Orientation
MCB1001	Calculus I	5				MCB1001	Calculus I
PHY1001	Physics I	5				PHY1001	Physics I
ATA1001	Principles of Atatürk and History of Revolution I	2	ATA1001	Atatürk İlkeleri ve İnkılap Tarihi I	2		
TR1001	Türkçe I	2	TR1001	Türkçe I	2		
YDI1001	Foreign Language I	3	YDI1001	Yabancı Dil I	3		

2. YARIYIL			2. YARIYIL			2. YARIYIL	
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI
IE2002	Introduction to Programming	5				IE2002	Introduction to Programming
IE2401	Introduction to Industrial Engineering	3				IE2401	Introduction to Industrial Engineering
IE2602	General Chemistry	5				IE2602	General Chemistry
MCB1002	Calculus II	5				MCB1002	Calculus II
PHY2001	Physics II	5				PHY2001	Physics II
ATA2001	Principles of Atatürk and History of Revolution II	2	ATA2001	Atatürk İlkeleri ve İnkılap Tarihi II	2		
TR2001	Türkçe II	2	TR2001	Türkçe II	2		
YDI2001	Foreign Language II	3	YDI2001	Yabancı Dil II	3		

3. YARIYIL			3. YARIYIL			3. YARIYIL	
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI
IE3003	Object Oriented Programming	5				IE3003	Object Oriented Programming
IE3101	Introduction to Probability	6				IE3101	Introduction to Probability
IE3501	Economics	4				IE3501	Economics
IE3502	Financial and Cost Accounting	4				IE3502	Financial and Cost Accounting
IE3603	Materials Science	4				IE3603	Materials Science
MCB1004	Linear Algebra	5				MCB1004	Linear Algebra
	Elective (minimum 2 AKTS)	2		Seçimlik Alan Dışı	4		

4. YARIYIL			4. YARIYIL			4. YARIYIL	
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI
IE4004	Numerical Analysis for Industrial Engineers	5				IE4004	Numerical Analysis for Industrial Engineers
IE4102	Statistics for Engineers	6				IE4102	Statistics for Engineers
IE4201	Operations Research I	7				IE4201	Operations Research I
IE4503	Engineering Economics	6				IE4503	Engineering Economics
	Departmental Elective (minimum 4 AKTS)	4					Departmental Elective (minimum 4 AKTS)
	Elective (minimum 2 AKTS)	2					

5. YARIYIL			5. YARIYIL			5. YARIYIL	
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI
IE5202	Operations Research II	7				IE5202	Operations Research II
IE5403	Facilities Design and Planning	7				IE5403	Facilities Design and Planning
IE5802	Industrial Training I	3				IE5802	Industrial Training I
	Departmental Elective (minimum 13 AKTS)	13					Departmental Elective (minimum 13 AKTS)

6. YARIYIL			6. YARIYIL			6. YARIYIL	
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI
IE6103	Design of Experiments	6				IE6103	Design of Experiments
IE6404	Production Planning and Control	7				IE6404	Production Planning and Control
	Departmental Elective (minimum 17 AKTS)	17					Departmental Elective (minimum 13 AKTS)

7. YARIYIL			7. YARIYIL			7. YARIYIL	
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI
IE7203	Simulation Modelling	6				IE7203	Simulation Modelling
IE7405	Supply Chain Management	5				IE7405	Supply Chain Management
IE7803	Industrial Training II	3				IE7803	Industrial Training II
	Departmental Elective (minimum 16 AKTS)	16					Departmental Elective (minimum 16 AKTS)

8. YARIYIL			8. YARIYIL			8. YARIYIL	
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI
IE8406	Quality Engineering	5				IE8406	Quality Engineering
IE8900	Graduation Project	8				IE8900	Graduation Project
	Departmental Elective (minimum 17 AKTS)	17					Departmental Elective (minimum 17 AKTS)
<b>TOPLAM</b>		<b>240</b>	<b>TOPLAM</b>			<b>TOPLAM</b>	

**DİKKAT: ÇAP öğrencisinin ikinci anadal ders planından alması gereken derslerin AKTS toplamı en az 60 olmalıdır.**

SEÇİMLİK ALAN DERSLERİ (SA)			EŞDEĞER SEÇİMLİK ALAN DERSLERİ		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
IE0005	Introduction to Fuzzy Modelling	4			
IE0006	Data Structures and Programming	5			
IE0104	Introduction to Data Mining	4			
IE0204	Case Studies in Mathematical Modelling	4			
IE0205	Introduction to Decision Analysis	4			
IE0301	System Analysis	4			
IE0302	Enterprise Resource Planning	5			
IE0303	Management Information Systems	4			
IE0402	Ergonomics	5			
IE0407	Work Study	5			
IE0408	Scheduling Applications in Manufacturing and Services	4			
IE0409	Project Management	4			
IE0410	Quality Planning and Analysis	4			
IE0504	Strategic Management	4			
IE0505	Marketing Management	4	ISN1106	Pazarlamanın Temel İlkeleri I	3
IE0506	Introduction to Business Management	3			
IE0507	Organizational Behaviour and Human Resources	3			
IE0508	Labor Law	3			
IE0604	Computer Integrated Manufacturing Systems	5			
IE0605	Advanced Manufacturing Systems	5			
IE0606	Manufacturing Techniques	4			
IE0607	Industrial Applications of Nanotechnology	4			
IE0608	Introduction to Renewable Energy	4			
IE0701	Academic Writing and Presentation Skills	3			



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