

**ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ LİSANS PROGRAMI'NDA ÇAP YAPACAK ULUSLARARASI İLİŞKİLER BÖLÜMÜ LİSANS PROGRAMI ÖĞRENCİLERİ İÇİN DERS PLANI**

ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ LİSANS PROGRAMI DERS PLANI			ULUSLARARASI İLİŞKİLER BÖLÜMÜ LİSANS PROGRAMI DERS PLANINDAKİ EŞDEĞER DERSLER			ÇAP ÖĞRENCİSİNİN ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ LİSANS PROGRAMI DERS PLANINDAN ALMAK ZORUNDA OLDUĞU DERSLER		
<b>1. YARIYIL</b>			<b>1. YARIYIL</b>			<b>1. YARIYIL</b>		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
IE1001	Introduction to Computing	6	IRD1003	Introduction to Computer Sciences	6	IE1601	Engineering Graphics	5
IE1601	Engineering Graphics	5				IE1801	Engineering Orientation	2
IE1801	Engineering Orientation	2				MCB1001	Calculus I	5
MCB1001	Calculus I	5				PHY1001	Physics I	5
PHY1001	Physics I	5						
ATA1001	Principles of Atatürk and History of Revolution I	2	ATA1001	Principles of Atatürk and History of Revolution I	2			
TR1001	Turkish I	2	TR1001	Turkish I	2			
YD1001	Foreign Language I	3	YD1001	Foreign Language I	3			
<b>2. YARIYIL</b>			<b>2. YARIYIL</b>			<b>2. YARIYIL</b>		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
IE2002	Introduction to Programming	5				IE2002	Introduction to Programming	5
IE2401	Introduction to Industrial Engineering	3				IE2401	Introduction to Industrial Engineering	3
IE2602	General Chemistry	5				IE2602	General Chemistry	5
MCB1002	Calculus II	5				MCB1002	Calculus II	5
PHY2001	Physics II	5				PHY2001	Physics II	5
ATA2001	Principles of Atatürk and History of Revolution II	2	ATA2001	Principles of Atatürk and History of Revolution II	2			
TR2001	Turkish II	2	TR2001	Turkish II	2			
YD2001	Foreign Language II	3	YD2001	Foreign Language II	3			
<b>3. YARIYIL</b>			<b>3. YARIYIL</b>			<b>3. YARIYIL</b>		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
IE3003	Object Oriented Programming	5				IE3003	Object Oriented Programming	5
IE3101	Introduction to Probability	6				IE3101	Introduction to Probability	6
IE3501	Economics	4	IRD1004	Introduction to Economics	6			
IE3502	Financial and Cost Accounting	4				IE3502	Financial and Cost Accounting	4
IE3603	Materials Science	4				IE3603	Materials Science	4
MCB1004	Linear Algebra	5				MCB1004	Linear Algebra	5
	Elective (minimum 2 AKTS)	2		Elective	2			
<b>4. YARIYIL</b>			<b>4. YARIYIL</b>			<b>4. YARIYIL</b>		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
IE4004	Numerical Analysis for Industrial Engineers	5				IE4004	Numerical Analysis for Industrial Engineers	5
IE4102	Statistics for Engineers	6				IE4102	Statistics for Engineers	6
IE4201	Operations Research I	7				IE4201	Operations Research I	7
IE4503	Engineering Economics	6				IE4503	Engineering Economics	6
	Departmental Elective (minimum 4 AKTS)	4					Departmental Elective (minimum 4 AKTS)	4
	Elective (minimum 2 AKTS)	2		Elective	2			
<b>5. YARIYIL</b>			<b>5. YARIYIL</b>			<b>5. YARIYIL</b>		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
IE5202	Operations Research II	7				IE5202	Operations Research II	7
IE5403	Facilities Design and Planning	7				IE5403	Facilities Design and Planning	7
IE5802	Industrial Training I	3				IE5802	Industrial Training I	3
	Departmental Elective (minimum 13 AKTS)	13					Departmental Elective (minimum 13 AKTS)	13
<b>6. YARIYIL</b>			<b>6. YARIYIL</b>			<b>6. YARIYIL</b>		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
IE6103	Design of Experiments	6				IE6103	Design of Experiments	6
IE6404	Production Planning and Control	7				IE6404	Production Planning and Control	7
	Departmental Elective (minimum 17 AKTS)	17					Departmental Elective (minimum 17 AKTS)	17
<b>7. YARIYIL</b>			<b>7. YARIYIL</b>			<b>7. YARIYIL</b>		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
IE7203	Simulation Modelling	6				IE7203	Simulation Modelling	6
IE7405	Supply Chain Management	5				IE7405	Supply Chain Management	5
IE7803	Industrial Training II	3				IE7803	Industrial Training II	3
	Departmental Elective (minimum 16 AKTS)	16					Departmental Elective (minimum 16 AKTS)	16
<b>8. YARIYIL</b>			<b>8. YARIYIL</b>			<b>8. YARIYIL</b>		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
IE8406	Quality Engineering	5				IE8406	Quality Engineering	5
IE8900	Graduation Project	8				IE8900	Graduation Project	8
	Departmental Elective (minimum 17 AKTS)	17					Departmental Elective (minimum 17 AKTS)	17
<b>TOPLAM</b>		<b>240</b>	<b>TOPLAM</b>			<b>TOPLAM</b>		<b>212</b>
<b>SEÇİMLİK ALAN DERSLERİ (SA)</b>			<b>EŞDEĞER SEÇİMLİK ALAN DERSLERİ</b>			<b>DIKKAT: ÇAP öğrencisinin ikinci anadal ders planından alması gereken derslerin AKTS toplamı en az 60 olmalıdır.</b>		
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						
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						