

2022-2023 EĞİTİM YILI GÜZ YARIYILDAN İTİBAREN ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ LİSANS PROGRAMINDA ÇAP YAPILACAK İNSAAT MÜHENDİSLİĞİ BÖLÜMÜ (İNGİLİZCE) LİSANS PROGRAMI ÖĞRENCİLERİ İÇİN DERS PLANI																	
ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ LİSANS PROGRAMI DERS PLANI				İNŞAAT MÜHENDİSLİĞİ BÖLÜMÜ (İNGİLİZCE) LİSANS PROGRAMI DERS PLANI				İNŞAAT MÜHENDİSLİĞİ BÖLÜMÜ (İNGİLİZCE) LİSANS PROGRAMI DERS PLANINDAKİ EŞDEĞER DERSLER				ÇAP ÖĞRENCİLERİNİN ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ LİSANS PROGRAMI DERS PLANINDAN ALINAK ZORUNDA OLAN DERSLER					
I. YARIYIL		II. YARIYIL		III. YARIYIL		IV. YARIYIL		I. YARIYIL		II. YARIYIL		III. YARIYIL		IV. YARIYIL			
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
E1001	Introduction to Computing	6	CE1001	General Chemistry	5	CE2002 / E1601	Engineering Graphics / Engineering Graphics	4/8	E1001	Introduction to Computing	6						
E1001	Engineering Graphics	6	PHY1001	Physics I	7	CE2002 / E1601	Engineering Graphics / Engineering Graphics	4/8	E1001	Introduction to Computing	6						
MCB1001	Calculus I	7	MCB1001	Calculus I	7	MCB1001 / MCB1001	Calculus I / Calculus I	7/7									
PHY1001	Physics I	7	ATA1001	Principles of Atatürk & History of Reforms I	2	PHY1001 / PHY1001	Physics I / Physics I	7/7									
ATA1001	Principles of Atatürk & History of Reforms I	2	TR1001	Turkish I	2	ATA1001 / ATA1001	Principles of Atatürk & History of Reforms I / Principles of Atatürk & History of Reforms I	2/2									
TR1001	Turkish I	2	CE1011	Academic English for Civil Engineering I	3	TR1001 / TR1001	Turkish I / Turkish I	2/2									
E1702	Academic English for Industrial Engineering I	3	COM1001 / CE	Departmental Elective (minimum 8 AKTS)	8	E1702 / E1702	Academic English for Industrial Engineering I / Academic English for Industrial Engineering I	3/3									
E. YARIYIL																	
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
E2002	Introduction to Programming	5	PHY2001	Physics II	7				E2002	Introduction to Programming	5						
E2002	Introduction to Industrial Engineering	3	MCB1002	Numerical Methods	6	CE1001 / E2002	General Chemistry / General Chemistry	5/5	E2002	Introduction to Programming	5						
E2002	General Chemistry	5	MCB1002	Calculus II	7	MCB1002 / MCB1002	Calculus II / Calculus II	7/7	E2002	Introduction to Industrial Engineering	3						
MCB1002	Calculus II	7	CE2002	Engineering Graphics	4	PHY2001 / PHY2001	Physics II / Physics II	7/7									
PHY2001	Physics II	7	ATA2001	Principles of Atatürk & History of Reforms II	2	ATA2001 / ATA2001	Principles of Atatürk & History of Reforms II / Principles of Atatürk & History of Reforms II	2/2									
ATA2001	Principles of Atatürk & History of Reforms II	2	TR2001	Turkish II	2	TR2001 / TR2001	Turkish II / Turkish II	2/2									
TR2001	Turkish II	2	CE2011	Academic English for Civil Engineering II	3	CE2011 / E2703	Academic English for Civil Engineering II / Academic English for Industrial Engineering II	3/3									
E2703	Academic English for Industrial Engineering II	3	COM2001 / CE	Departmental Elective (minimum 4 AKTS)	4												
E. YARIYIL																	
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
E3003	Object Oriented Programming	5	MCB1007	Introduction to Probability and Statistics	6				E3003	Object Oriented Programming	5						
E3101	Introduction to Probability	6	MCB1003	Calculus III	7				E3101	Introduction to Probability	6						
E3001	Economics	4	CE3701	Materials Science	4				E3001	Economics	4						
E3002	Financial and Cost Accounting	4	CE3101	Engineering Mechanics	6				E3002	Financial and Cost Accounting	4						
E3003	Materials Science	4	CE3701	Departmental Elective (minimum 8 AKTS)	8	CE3701 / E3003	Engineering Materials / Materials Science	4/4	E3003	Materials Science	4						
MCB1004	Linear Algebra	6	CE3701	Non-Departmental Elective (minimum 2 AKTS)	2	MCB1004 / MCB1004	Linear Algebra / Linear Algebra	6/6									
E3004	Elective (minimum 2 AKTS)	2	CE3701	Elective / Elective (minimum 2 AKTS)	2				E3004	Elective (minimum 2 AKTS)	2						
E. YARIYIL																	
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
E4004	Numerical Analysis for Industrial Engineers	5	ENC1001	Engineering Orientation	2	MCB1008 / E4004	Numerical Methods / Numerical Analysis for Industrial Engineers	6/6	E4102	Statistics for Engineers	6						
E4102	Statistics for Engineers	6	MCB1004	Linear Algebra	6				E4201	Operations Research I	7						
E4201	Operations Research I	7	MCB1005	Differential Equations	7				E4503	Engineering Economics	6						
E4503	Engineering Economics	6	CE4701	Construction Materials	7				E4503	Engineering Economics	6						
E4503	Departmental Elective (minimum 4 AKTS)	4	CE4101	Strength of Materials I	7				E4503	Departmental Elective (minimum 4 AKTS)	4						
E4503	Elective (minimum 2 AKTS)	2	CE4601	Surveying	5				E4503	Elective (minimum 2 AKTS)	2						
E. YARIYIL																	
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
E5202	Operations Research II	7	CE5102	Strength of Materials II	7				E5202	Operations Research II	7						
E5403	Facilities Design and Planning	7	CE5201	Soil Mechanics I	7				E5403	Facilities Design and Planning	7						
E5802	Industrial Training I	3	CE5101	Structural Analysis I	7				E5802	Industrial Training I	3						
ENC1001	Engineering Orientation	2	CE5301	Fluid Mechanics	5	ENC1001 / ENC1001	Engineering Orientation / Engineering Orientation	2/2									
ENC1001	Departmental Elective (minimum 13 AKTS)	13	CE5501	Construction Project Management	4												
			CE5701	Departmental Elective (minimum 4 AKTS)	4												
E. YARIYIL																	
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
E6403	Design of Experiments	6	CE6101	Transportation Engineering	4				E6403	Design of Experiments	6						
E6404	Production Planning and Control	7	CE6103	Steel Structures	7				E6404	Production Planning and Control	7						
E6404	Departmental Elective (minimum 17 AKTS)	17	CE6101	Structural Analysis II	4				E6404	Departmental Elective (minimum 17 AKTS)	17						
			CE6102	Reinforced Concrete I	6												
			CE6301	Hydraulics	4												
			CE6701	Departmental Elective (minimum 6 AKTS)	6												
E. YARIYIL																	
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
E7203	Simulation Modelling	6	CE7201	Foundations	5				E7203	Simulation Modelling	6						
E7405	Supply Chain Management	5	CE7101	Reinforced Concrete II	6				E7405	Supply Chain Management	5						
E7803	Industrial Training II	3	CE7901	Industrial Training I	3				E7803	Industrial Training II	3						
E7803	Departmental Elective (minimum 16 AKTS)	16	CE7102	Structural Dynamics	5				E7803	Departmental Elective (minimum 16 AKTS)	16						
			CE7901	Departmental Elective (minimum 12 AKTS)	12												
E. YARIYIL																	
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
E8406	Quality Engineering	5	CE8001	Industrial Training II	3				E8406	Quality Engineering	5						
E8406	Graduation Project	8	CE8002	Graduation Project	8				E8406	Graduation Project	8						
E8406	Departmental Elective (minimum 17 AKTS)	17	CE8301	Water Supply & Waste Water Removal	3				E8406	Departmental Elective (minimum 17 AKTS)	17						
			CE8701	Departmental Elective (minimum 16 AKTS)	16												
TOPLAM		248	TOPLAM		254	TOPLAM		73	TOPLAM		178						

SEÇİMLİK ALAN DERSLERİ (SA)				SEÇİMLİK ALAN DERSLERİ (SA)				EŞDEĞER DERSLER (SA) SEÇİMLİK DERSLER				ÇİFT ANADALINDA ALACAKI (SA) SEÇİMLİK DERSLER					
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
E0005	Introduction to Fuzzy Modelling	5	CE0102	Deneyisel Yapı Mekaniği / Experimental Structural Mechanics	4				E0005	Introduction to Fuzzy Modelling	5						
E0006	Data Structures and Programming	5	CE0104	Ağaç Yapılar / Timber Structures	4				E0006	Data Structures and Programming	5						
E0104	Introduction to Data Mining	6	CE0107	Çelik Yığanak Yapılar / Highrise Steel Structures	4				E0104	Introduction to Data Mining	6						
E0204	Case Studies in Mathematical Modelling	6	CE0110	Çengemli Betonarme Yapılar / Prestressed Reinforced Concrete Structures	4				E0204	Case Studies in Mathematical Modelling	6						
E0205	Introduction to Decision Analysis	6	CE0127	Endüstriyel Yapım Teknolojileri / Industrial Construction Technologies	4				E0205	Introduction to Decision Analysis	6						
E0301	Systems Analysis	5	CE0130	Betonarme Proje / Reinforced Concrete Design Project	4				E0301	Systems Analysis	5						
E0302	Enterprise Resource Planning	5	CE0131	Bilgisayar Destekli Yapı Analizi / Computer Aided Structural Analysis	4				E0302	Enterprise Resource Planning	5						
E0303	Management Information Systems	5	CE0135	Deprem Mühendisliğine Giriş / Introduction to Earthquake Engineering	4				E0303	Management Information Systems	5						
E0307	Technology Management	5	CE0136	Depreme Dayanıklı Yapı Tasarımı / Earthquake Resistant Design of Structures	4				E0307	Technology Management	5						
E0402	Ergonomics	6	CE0138	Çelik Proje / Steel Project	4				E0402	Ergonomics	6						
E0407	Work Study	6	CE0155	Bilgisayar Destekli Matris Yöntemi ile Yapı Analizi / Computer Aided Matrix Methods in Structural Analysis	4				E0407	Work Study	6						
E0408	Scheduling Applications in Manufacturing and Services	6	CE0156	Bonkri Elemanlar Analizinde Bilgisayar Uygulamaları / Computer Applications in Finite Element Analysis	4				E0408	Scheduling Applications in Manufacturing and Services	6						
E0409	Project Management	6	CE0160	Yenilenebilir Enerji Projeleri / Renewable Energy Projects	4				E0409	Project Management	6						
E0410	Quality Planning and Analysis	5	CE0201	Zemin Mekaniği II / Soil Mechanics II	4				E0410	Quality Planning and Analysis	5						
E0404	Strategic Management	5	CE0206	Yeraltı Yapıları / Underground Structures	4				E0404	Strategic Management	5						
E0505	Marketing Management	5	CE0208	Yatay Mühendisliği / Foundation Engineering	4				E0505	Marketing Management	5						
E0506	Introduction to Business Management	4	CE0210	Bilgisayar Destekli Geoteknik Tasarım / Computer Aided Geotechnical Design	4				E0506	Introduction to Business Management	4						
E0507	Organizational Behaviour and Human Resources	4	CE0201	Hidroloji / Hydrology	4				E0507	Organizational Behaviour and Human Resources	4						
E0508	Labor Law	4	CE0302	Deniz Deniz Yapıları / Sea Outfall Structures	4				E0508	Labor Law	4						
E0604	Computer Integrated Manufacturing Systems	5	CE0303	Su ve Atmosfer Kaynakları Tasarımı / Design of Water and Wastewater Treatment Plants	4				E0604	Computer Integrated Manufacturing Systems	5						
E0605	Advanced Manufacturing Systems	6	CE0304	Koy Mühendisliği Yapıları / Coastal Engineering Structures	4				E0605	Advanced Manufacturing Systems	6						
E0606	Manufacturing Techniques	5	CE0319	Su Yapıları / Hydraulics Structures	4	</											