

MÜHENDİSLİK FAKÜLTESİ / ENSTİTÜSÜ / YÜKSEKOKULU
BİLİŞİM SİSTEMLERİ MÜHENDİSLİĞİ BÖLÜMÜ /ABD
LİSANS PROGRAMI - 2
(2016-17 yılı öncesinde birinci sınıfa başlayan öğrenciler için)

BİRİNCİ YIL						
1. Dönem						
Kod	Dersin İsmi	T	U	K	AKTS	
CMPE113	Bilgisayar Programlama I	2	2	3	4	
MATH151	Kalkülüs I	4	2	5	7	
PHYS101	Genel Fizik I	3	2	4	6	
CEAC105	Genel Kimya	3	2	4	5	
ENG101	İngilizce İletişim Becerileri I	4	0	3	3,5	
CMPE109	Programlamanın Esasları	2	1	2	2,5	
HIST111	Atatürk İlkeleri ve İnkılâp Tarihi I	2	0	2	2	
				23	30	
2. Dönem						
Kod	Dersin İsmi	T	U	K	AKTS	
ISE102	Yönetim Bilişim Sistemlerine Giriş	3	0	3	3,5	
CMPE114	Bilgisayar Programlama II	3	2	4	5	
MATH152	Kalkülüs II	4	2	5	7	
PHYS102	Genel Fizik II	3	2	4	6	
ENG102	İngilizce İletişim Becerileri II	4	0	3	3,5	
HIST112	Atatürk İlkeleri ve İnkılâp Tarihi II	2	0	2	2	
				21	27	
SECOND YEAR						
3. Dönem						
Kod	Dersin İsmi	T	U	K	AKTS	
ISE261	İş ve E-Ticaret	3	0	3	6	
CMPE225	Nesne Tabanlı Programlama	3	2	4	8	
CMPE251	Ayrık Hesaplamalı Yapılar	3	0	3	7	
EE231	Sayısal Devreler ve Sistemler	3	2	4	6	
MATH275	Lineer Cebir	4	0	4	6	
ENG201	İleri İletişim Becerileri	3	0	3	3	
				21	36	
4. Dönem						
Kod	Dersin İsmi	T	U	K	AKTS	
SE212	İnsan Bilgisayar Etkileşimi	3	0	3	8	
CMPE226	Veri Yapıları	3	0	3	8	
IE220	Olasılık ve İstatistik	3	0	3	5	
MATH276	Diferansiyel Denklemler	4	0	4	6	
ENG202	Rapor Yazma Becerileri	3	0	3	3	
GE-1	Genel Seçmeli - 1	3	0	3	4	
				19	34	
THIRD YEAR						
5. Dönem						
Kod	Dersin İsmi	T	U	K	AKTS	
ISE301	Multimedya Sistemleri	3	0	3	5	
ISE311	İnternet Programlama	3	2	4	5	
ISE353	Bilgi Sistemleri Geliştirilmesi	3	0	3	10	
CMPE341	Veritabanı Tasarım ve Yönetimi	3	2	4	7	
AE-1 (A)	Alan Seçmeli (A)	3	0	3	5	
AE-2 (B)	Alan Seçmeli (B)	3	0	3	5	
ISE399	Yaz Stajı - I	3	0	0	6	
				20	43	

6. Dönem					
Kod	Dersin İsmi	T	U	K	AKTS
ISE332	BT Altyapısı ve Mimarisi	3	0	3	5
ISE314	Veri Ambarları ve Veri Madenciliği	3	0	3	5
SE346	Yazılım Mühendisliği	2	2	3	6
CMPE334	Bilgisayar Ağları	3	2	4	5
AE-3 (C)	Alan Seçmeli (C)	3	0	3	5
				19	26
FOURTH YEAR					
7. Dönem					
Kod	Dersin İsmi	T	U	K	AKTS
ISE493	Proje Oryantasyon	2	0	2	5
AE-4	Alan Seçmeli (A)	3	0	3	5
CMPE431	İşletim Sistemleri	3	2	4	4
GE-2	Genel Seçmeli - 2	3	0	3	4
TURK 401	Türk Dili - I	2	0	2	2
ISE499	Yaz Stajı - II	0	0	0	10
				19	30
8. Dönem					
Kod	Dersin İsmi	T	U	K	AKTS
ISE494	Bitirme projesi	4	0	4	9
ISE426	Bilgisayar Güvenliği	3	0	3	5
AE-5	Alan Seçmeli (A)	3	0	3	5
AE-6	Alan Seçmeli (B)	3	0	3	5
ORY400	Sosyal & Kültürel Aktiviteler	0	0	0	1
TURK 402	Türk Dili - II	2	0	2	2
				15	27

149	253
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ALAN SEÇMELİ DERSLER (AE)**Kredi (3) AKTS (5)**

*Grup (A/B/C)	Kod	Ders İsmi	T	A	K	AKTS
A	CMPE 326	Formal Languages and Automata	3	0	3	5
A	CMPE 343	Database Systems and Programming	3	0	3	5
A	CMPE 423	Logic Programming	3	0	3	5
A	CMPE 424	Language Processors	3	0	3	5
A	CMPE 434	Embedded System Design	3	0	3	5
A	CMPE 435	Special Topics In Computer Networks	3	0	3	5
A	CMPE 437	VLSI Design	3	0	3	5
A	CMPE 462	Introduction to Artificial Intelligence	3	0	3	5
A	CMPE 463	Digital Signal Processing	3	0	3	5
A	CMPE 464	Digital Image Processing	3	0	3	5
A	CMPE 467	Pattern Recognition	3	0	3	5
A	CMPE 474	Soft Computing	3	0	3	5
A	CMPE 350	Numerical Methods	3	0	3	5
A	CMPE 376	Computer Games and Simulation	3	0	3	5
A	CMPE 422	Visual Programming	3	0	3	5
A	CMPE 432	Virtualization	3	0	3	5
A	CMPE 438	Java Programming	3	0	3	5
A	CMPE 461	Applied Neural Computing	3	0	3	5
A	CMPE 465	Knowledge Engineering	3	0	3	5
A	CMPE 473	Computer Graphics	3	0	3	5
A	SE 340	Rapid Application Development	3	0	3	5
A	SE 360	System Modeling and Simulation	3	0	3	5
A	SE 426	Emerging Technologies	3	0	3	5
A	SE 440	Analysis and Design of User Interfaces	3	0	3	5
A	SE 446	Introduction to Bioinformatics	3	0	3	5
A	SE 453	Large Scale Software Development	3	0	3	5
A	SE 450	Software Engineering Ethics	3	0	3	5
A	SE 460	Software Construction	3	0	3	5
A	SE 461	Software Patterns	3	0	3	5
A	SE 462	Formal Methods in Software Engineering	3	0	3	5
A	SE 470	Agile Methods in Software Development	3	0	3	5
A	ISE 405	Foundations in Information Technology Services	3	0	3	5
A	ISE 308	Introduction to Mobile Application Development	3	0	3	5
A	ISE 301	Multimedta Systems	3	0	3	5
A	ISE 414	Investigation of Computer Crime	3	0	3	5
A	ISE 422	e-Government	3	0	3	5
A	ISE 423	Technology Trends in e-Government	3	0	3	5
A	ISE 424	Distance Education and E-Learning	3	0	3	5
A	ISE 432	Innovation and Entrepreneurship in IT	3	0	3	5
A	ISE 301	Multimedia Systems	3	0	3	5
B	ECON 101	Introduction to Economics I	3	0	3	5
B	MGMT 111	Introduction to Business I	3	0	3	5
B	MGMT 112	Introduction to Business II	3	0	3	5
B	MGMT 206	Organizational Behaviour	3	0	3	6
B	MGMT 213	Organization Theory	3	0	3	6
B	MGMT 306	Marketing Research	3	0	3	6
B	MGMT 319	Financial Management I	3	0	3	6
B	MGMT 317	Human Resources Management	3	0	3	6
B	MGMT 401	Managerial Accounting	3	0	3	6
B	MGMT 424	Financial Statement Analysis	3	0	3	6

*Grup (A/B/C)	Kod	Ders İsmi	T	A	K	AKTS
B	MGMT 440	E-Business E-Commerce	3	0	3	6
B	MGMT 444	Project Management	3	0	3	6
C	IE 305	Engineering Economic Analysis	3	0	3	5
C	IE 314	Project Management	3	0	3	5
C	IE 320	Business Process Reengineering	3	0	3	5
C	IE 411	Work study and Design	3	0	3	5
C	IE 415	Industrial Economics	3	0	3	5
C	IE 416	Expert Systems	3	0	3	5
C	IE 418	Decision Analysis	3	0	3	5
C	IE 419	Service Systems	3	0	3	5
C	IE 421	E-Commerce and ERP	3	0	3	5
C	IE 422	Customer Relationship Management	3	0	3	5
C	IE 423	Management and Organizations	3	0	3	5
C	IE 425	Analysis of Investment Projects	3	0	3	5
C	IE 427	Strategic Management	3	0	3	5
C	IE 428	Introduction to Systems Engineering	3	0	3	5
C	IE 429	Reliability	3	0	3	5
C	IE 444	Decision Support Systems	3	0	3	5

ÖN KOŞUL TABLOSU

Ders Kodu	Ön Koşul Ders Kodları
ISE311	CMPE114
ISE332	ISE311
ISE314	CMPE341
ISE493	CMPE226 ve CMPE341
ISE494	ISE493
ISE399	CMPE225
ISE499	CMPE226

İKAME DERSLER *

Kapanan Dersler	Yerine Konan Dersler
ISE111 Intro. to Information Systems and Technologies	CMPE113 Computer Programming I
ISE100 Fundamentals of Information Systems Engineering	CMPE109 Fundamentals of Computing
ISE109 Fundamentals of Information Systems Engineering	CMPE109 Fundamentals of Computing
ISE201 Business and Ethics	ISE261 Business and e-Commerce
ISE202 Human Computer Interaction	SE212 Human Computer Interaction
ISE403 Information Systems Development	ISE353 Information Systems Development
ISE315 E-Commerce	ISE332 IT Infrastructure and Architecture
ISE316 E-Commerce	ISE332 IT Infrastructure and Architecture
ISE350 Data Warehousing and Mining	ISE314 Data Warehousing and Mining
ISE352 Data Warehousing and Mining	ISE314 Data Warehousing and Mining
ISE340 Software Engineering	SE346 Software Engineering
ISE407 Intro. To Mobile App. Development	ISE308 Intro. To Mobile App. Development
ISE412 Computer Security	ISE426 Computer Security
ISE436 Computer Networks	CMPE334 Computer Networks
ISE431 Operating Systems	CMPE431 Operating Systems
ISE491 Senior Project -I	ISE493 Project Orientation
ISE492 Senior Project - II	ISE494 Senior Project
E101 Fundamentals of Engineering	CMPE109 Fundamentals of Computing

* Önceki müfredatta MGMT olarak alınan dersler yeni müfredatta Alan Seçmeli-B – (AE (B)) olarak yer almaktadır.