

CIVIL ENGINEERING DEPARTMENT

BİRİNCİ YARIYIL (GÜZ) / FIRST SEMESTER

Kod Code	Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS	Şube Sayı	Sözleşmeli Öğretim Üyesi * Professor / Lecturer
CE 101	Introduction to Civil Engineering	-	2	0	0	2	6	1	Prof. Dr. Nesrin Yardımcı
CHEM 101	General Chemistry	-	3	1	1	4	6	1	
AFE 131	Academic English I	-	2	2	0	3	4	1	
ES 161	Engineering Drawing	-	1	0	2	2	5	1	
MATH 131	Calculus I	-	3	2	0	4	6	1	
HUM 103	Humanities	-	2	0	0	2	3	1	
Total			13	5	3	17	30		

İKİNCİ YARIYIL (BAHAR) / Second Semester

Kod Code	Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS	Şube Sayı	Sözleşmeli Öğretim Üyesi * Professor / Lecturer
AFE 132	Academic English II	AFE131	2	2	0	3	4	1	
ES 117	Introduction to Scientific Computing	-	2	0	2	3	5	1	
CE 162	Materials Science	-	2	1	1	3	4	1	
MATH 132	Calculus II	MATH131	3	2	0	4	6	1	
PHYS 101	Physics I	-	3	0	2	4	6	1	
FE XX1	Free Elective I	-	3	0	0	3	5	1	
Total			15	5	5	20	30		

ÜÇÜNCÜ YARIYIL (GÜZ) / Third Semester

Kod Code	Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS	Şube Sayı	Sözleşmeli Öğretim Üyesi * Professor / Lecturer
CE 221	Construction Materials	CE162	2	2	0	3	6	1	Asst. Prof. Dr. M. Adil Akgül
CE 233	Engineering Mechanics	PHYS101	3	2	0	4	6	1	
ECON 294	Economics for Engineers	-	3	0	0	3	4	1	
MATH 241	Differential Equations	MATH132	3	2	0	4	6	1	
PHYS 102	Physics II	PHYS101	3	0	2	4	6	1	
TKL 201	Turkish I	-	2	0	0	2	2	1	
Total			16	6	2	20	30		

DÖRDÜNCÜ YARIYIL (BAHAR) / Fourth Semester

Kod Code	Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS	Şube Sayı	Sözleşmeli Öğretim Üyesi * Professor / Lecturer
CE 236	Strength of Materials	CE233	3	2	0	4	6	1	Asst. Prof. Dr. Özgür Köylüoğlu
CE 252	Fluid Mechanics and Hydraulics	CE233	2	2	0	3	6	1	
CE 262	Surveying	-	2	0	2	3	5	1	Asst. Prof. Dr. M. Adil Akgül
STAT 410	Statistics	-	3	0	0	3	5	1	
MATH 221	Linear Algebra	-	2	2	0	3	6	1	
TKL 202	Turkish II	-	2	0	0	2	2	1	
Total			15	5	2	18	30		

BEŞİNCİ YARIYIL (GÜZ) / Fifth Semester										
Kod Code	Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS	Şube Sayı	Sözleşmeli Öğretim Üyesi * Professor / Lecturer	
CE 353	Hydrology and Hydraulic Structures	CE252	2	2	0	3	7	1	Asst. Prof. Dr. M. Adil Akgül	
CE 361	Design of Transportation Systems	-	3	0	0	3	6	1		
CE 372	Construction Management	-	3	0	0	3	6	1	Asst. Prof. Dr. Özgür Köylüoğlu Asst. Prof. Dr. Almıla Uzel	
CE 381	Structural Analysis	CE236	3	2	0	4	8	1		
HTR 301	History I	-	2	0	0	2	2			
CE 300	Summer Practice I	-	0	2	0	0	1	1		
Total			13	6	0	15	30			
ALTINCI YARIYIL (BAHAR) / Sixth Semester										
Kod Code	Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS	Şube Sayı	Sözleşmeli Öğretim Üyesi * Professor / Lecturer	
CE 341	Soil Mechanics	CE236	3	0	2	4	7	1	Assoc. Prof. Dr. M. Murat Monkul Asst. Prof. Dr. Almıla Uzel	
CE 382	Reinforced Concrete Design Fundamentals for	CE236	2	2	0	3	8	1		
CE 384	Steel Structures	CE236	2	2	0	3	8	1	Prof. Dr. Nesrin Yardımcı	
CE XX1	Restricted Elective I		3	0	0	3	5	1		
HTR 302	History II		2	0	0	2	2	1		
Total			12	4	2	15	30			
YEDİNCİ YARIYIL (GÜZ) / Seventh Semester										
Kod Code	Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS	Şube Sayı	Sözleşmeli Öğretim Üyesi * Professor / Lecturer	
CE 441	Foundation Engineering	CE341	3	0	0	3	5	1	Assoc. Prof. Dr. M. Murat Monkul Asst. Prof. Dr. Almıla Uzel	
CE 491	Design of Reinforced Concrete Structures	CE382	2	2	0	3	5	1		
CE XX2	Restricted Elective II		3	0	0	3	5	1		
CE XX3	Restricted Elective III		3	0	0	3	5	1		
CE XX4	Restricted Elective IV		3	0	0	3	5	1		
FE XX2	Free Elective II		3	0	0	3	5	1		
CE 400	Summer Practice II		0	2	0	0	1			
Total			17	4	0	18	31			
SEKİZİNCİ YARIYIL (BAHAR) / Eighth Semester										
Kod Code	Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS	Şube Sayı	Sözleşmeli Öğretim Üyesi * Professor / Lecturer	
CE 462	Construction Safety and Engineering Ethics	-	3	0	0	3	6	1	Asst. Prof. Dr. Özgür Köylüoğlu	
CE 492	Engineering Project	-	1	0	4	3	8			
CE XX5	Restricted Elective V		3	0	0	3	5	1		
CE XX6	Restricted Elective VI		3	0	0	3	5	1		
CE XX7	Restricted Elective VII		3	0	0	3	5	1		
Total			13	0	4	15	29			
Programme Total						138	240			

BÖLÜM SEÇMELİ DERSLER (GÜZ) / AREA ELECTİVES

Kod Code	Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS	Şube Sayı	Sözleşmeli Öğretim Üyesi * Professor / Lecturer
CE 362	Fundamentals of Environmental Management Systems	-	3	0	0	3	5	1	
CE 364	Geographic Information Systems	-	3	0	0	3	5	1	
CE 422	Durability of Concrete Structures	-	3	0	0	3	5	1	
CE 474	Soil Works and Retaining Structures	CE341	3	0	0	3	5	1	Assoc. Prof. Dr. M. Murat Monkul
CE 479	Prestressed Concrete	CE382	3	0	0	3	5	1	Asst. Prof. Dr. Almıla Uzel
CE 489	Steel Structures	CE384	3	0	0	3	5	1	Prof. Dr. Nesrin Yardımcı
CE 496	Sustainable Construction	-	3	0	0	3	5	1	Asst. Prof. Dr. Özgür Köylüoğlu

BÖLÜM SEÇMELİ DERSLER (BAHAR) / AREA ELECTİVES (SPRING)

Kod Code	Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS	Şube Sayı	Sözleşmeli Öğretim Üyesi * Professor / Lecturer
CE 403	Computing in Civil Engineering	-	3	0	0	3	5	1	Asst. Prof. Dr. M. Adil Akgül
CE 463	Site Organization	-	3	0	0	3	5	1	Asst. Prof. Dr. Özgür Köylüoğlu
CE 472	Special Topics in Structural Analysis	CE381	3	0	0	3	5		Asst. Prof. Dr. Almıla Uzel
CE 473	Traffic Engineering	-	3	0	0	3	5	1	
CE 476	Academic Writing	-	3	0	0	3	5	1	
CE 477	Concrete Technology	-	3	0	0	3	5	1	
CE 482	Energy Management in Civil Engineering	-	3	0	0	3	5	1	Asst. Prof. Dr. M. Adil Akgül
CE 485	Deep Foundations	CE441	3	0	0	3	5	1	Assoc. Prof. Dr. M. Murat Monkul
CE 486	Repair and Maintenance in Concrete	CE382	3	0	0	3	5	1	
CE 487	Urban Water Systems	CE252	3	0	0	3	5	1	Asst. Prof. Dr. M. Adil Akgül
CE 488	Introduction to Earthquake Engineering	-	3	0	0	3	5	1	
CE 494	Tall Structures	CE381	3	0	0	3	5	1	
CE 495	Introduction to Structural Damage and Rehabilitation	CE382	3	0	0	3	5	1	