

AGÜ İNŞAAT MÜHENDİSLİĞİ BÖLÜMÜ						
LİSANS DERS MÜFREDATI						
(Lisans eğitimine 2016-2017 eğitim-öğretim yılı güz dönemi ve sonrası başlayanlar için)						
1. SINIF	Birinci Dönem					
	Ders Kodu	Ders Adı	T (s/h)	U (s/h)	Kredi	AKTS
	MATH 151	Calculus I	4	0	4	6
	PHYS 101	Physics I	3	2	4	5
	COMP 101	Art of Computing	3	2	3	6
	GLB 101	AGU Ways	2	2	3	4
	ENG 101	English I	4	0	4	4
	CE 101	Civil Engineering Drawing	1	2	2	5
	İkinci Dönem					
	Ders Kodu	Ders Adı	T (s/h)	U (s/h)	Kredi	AKTS
	MATH 152	Calculus II	4	0	4	6
	PHYS 102	Physics II	3	2	4	5
	CE 102	Exploring Profession	2	2	3	6
	GLB 102	Global Issues Elective I	2	2	3	4
CHEM 101	Chemistry	2	1	3	5	
ENG 102	English II	4	0	4	4	
2. SINIF	Üçüncü Dönem					
	Ders Kodu	Ders Adı	T (s/h)	U (s/h)	Kredi	AKTS
	CE 221	Mechanics	4	0	4	6
	ECON 222	Economics for Engineers	3	0	3	4
	MATH 205	Differential Equations	4	0	4	5
	CE 241	Materials Science	2	1	3	5
	CE 262	Geology for Civil Engineering	3	0	3	4
	GLB 201	Global Issues Elective II	2	2	3	4
	TURK 101	Turkish I	2	0	2	2
	Dördüncü Dönem					
	Ders Kodu	Ders Adı	T (s/h)	U (s/h)	Kredi	AKTS
	CE 222	Strength of Materials	3	2	4	6
	MATH 203	Linear Algebra	3	0	3	5
	CE 244	Materials of Construction	2	1	3	4
	CE 272	Fluid Mechanics	3	0	3	5
	CE 202	Numerical Methods for Engineers	3	0	3	4
	GLB 202	Global Issues Elective III	2	2	3	4
	TURK 102	Turkish II	2	0	2	2
3. SINIF	Beşinci Dönem					
	Ders Kodu	Ders Adı	T (s/h)	U (s/h)	Kredi	AKTS
	CE 300	Summer Practice	0	0	0	4
	MATH 301	Probability and Statistics	3	0	3	5
	CE 371	Hydromechanics	3	1	4	5
	CE 363	Soil Mechanics	3	2	4	5
	CE 383	Structural Analysis	4	0	4	5
	GLB 301	Global Issues Elective IV	2	2	3	4
	HIST 201	History of Turkish Republic I	2	0	2	2
	Altıncı Dönem					
	Ders Kodu	Ders Adı	T (s/h)	U (s/h)	Kredi	AKTS
	CE 332	Construction Engineering and Management	3	0	3	4
	CE 366	Foundation Engineering	3	1	4	5
	CE 374	Hydrology and Water Resources Engineering	4	0	4	5
	CE 382	Reinforced Concrete	3	0	3	5
	CE 352	Introduction to Transportation and Traffic Engineering	2	1	3	5
	GLB 302	Global Issues Elective V	2	2	3	4
	HIST 202	History of Turkish Republic II	2	0	2	2
4. SINIF	Yedinci Dönem					
	Ders Kodu	Ders Adı	T (s/h)	U (s/h)	Kredi	AKTS
	CE 400	Summer Practice	0	0	0	4
	CE 401	Capstone Design -I	3	0	3	5
	CE 481	Fundamentals of Steel Design	3	0	3	5
		Technical Elective	3	0	3	5
		Technical Elective	3	0	3	5
		Technical Elective	3	0	3	5
	OHS 401	Occupational Health and Safety	2	0	2	1
	Sekizinci Dönem					
	Ders Kodu	Ders Adı	T (s/h)	U (s/h)	Kredi	AKTS
	CE 402	Capstone Design - II	2	2	3	6
		Technical Elective	3	0	3	5
		Technical Elective	3	0	3	5
		Technical Elective	3	0	3	5
		Non-Technical Elective	3	0	3	4
		Free Elective Course	3	0	3	4
	OHS 402	Occupational Health and Safety	2	0	2	1

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3. ve 4. sınıf öğrencilerinden, mezuniyet şablonunda yer alan bir dersi hiç almamış veya alıp da dersten kalmış öğrenciler, yeni müfredatta o dersin olmaması durumunda,

- Aşağıdaki tabloda yerine belirlenen bir ders varsa öğrenci o dersi alacaktır. Yerine aldığı dersin AKTS'si daha düşükse, akademik danışmanının onayıyla aradaki farkı tamamlayacak şekilde ilave ders alacaktır.
- “HUM101 Understanding Contemporary World”, “HUM102 Imagining Future” ve PDA kodlu dersleri hiç almamış veya alıp da başarısız olmuş öğrenciler bu derslerin yerine “SOC” ya da “GLB” kodlu ve en az 3 AKTS'lik bir dersi akademik danışmanının, yerine alacağı dersin öğretim elemanının ve bölüm başkanının onayı ile alacaktır.
- SCI 102 Science of Nature II dersini hiç almamış veya alıp da dersten kalmış olan öğrenciler, ilgili dersin yerine PHYS 102 Physics II ve/veya CHEM 101 Chemistry derslerini alacaktır.

Eski Müfredattaki Dersler (Lisans Programına 2014 ve 2015 Yıllarında Başlayan Öğrenciler İçin)					Yeni Müfredattaki Dersler (Lisans Programına 2016 ve Sonrasında Başlayan Öğrenciler İçin)							
Code	Course Name	Contact (h/w)	Lab (h/w)	Credit	ECTS	Code	Course Name	Contact (h/w)	Lab (h/w)	Credit	ECTS	
MATH 101	Calculus I	4	0	4	5	→	MATH 151	Calculus I	4	0	4	6
SCI 101	Science of Nature I	3	2	4	7	→	PHYS 101	Physics I	3	2	4	5
COMP 101	Art of Computing	3	2	4	6	→	COMP 101	Art of Computing	3	2	3	6
ENG 101	English I	4	0	4	4	→	ENG 101	English I	4	0	4	4
TURK 101	Turkish I	2	0	2	2	→	TURK 101	Turkish I	2	0	2	2
MATH 102	Calculus II	4	0	4	5	→	MATH 152	Calculus II	4	0	4	6
SCI 102	Science of Nature II	3	2	4	7	→	PHYS 102	Physics II	3	2	4	5
CE 102	Exploring Profession	3	2	4	6	→	CHEM 101	Chemistry	2	1	3	5
ENG 102	English II	4	0	4	4	→	CE 102	Exploring Profession	2	2	3	6
TURK 102	Turkish II	2	0	2	2	→	ENG 102	English II	4	0	4	4
CE 221	Mechanics	2	2	3	5	→	TURK 102	Turkish II	2	0	2	2
MATH 203	Linear Algebra	3	0	3	5	→	CE 221	Mechanics	4	0	4	6
CE 201	Civil Engineering Drawing	1	2	2	4	→	MATH 203	Linear Algebra	3	0	3	5
CE 262	Geology for Civil Engineering	3	0	3	4	→	CE 101	Civil Engineering Drawing	1	2	2	5
BA 221	Entrepreneurship and Innovation	4	0	4	4	→	CE 262	Geology for Civil Engineering	3	0	3	4
HIST 201	History of Modern Turkey I	2	0	2	2	→	GLB 102	Innovation and Entrepreneurship	2	2	3	4
MATH 202	Engineering Mathematics II	4	0	4	6	→	HIST 201	History of Turkish Republic I	2	0	2	2
CE 222	Strength of Materials	3	2	4	6	→	MATH 205	Differential Equations	4	0	4	5
CE 242	Materials Science	2	1	3	5	→	CE 222	Strength of Materials	3	2	4	6
CE 272	Fluid Mechanics	3	0	3	6	→	CE 241	Materials Science	2	1	3	5
CE 202	Numerical Methods for Engineers	2	2	3	5	→	CE 272	Fluid Mechanics	3	0	3	5
HIST 202	History of Modern Turkey II	2	0	2	2	→	CE 202	Numerical Methods for Engineers	3	0	3	4
CE 300	Summer Practice	0	0	0	6	→	HIST 202	History of Turkish Republic II	2	0	2	2
MATH 301	Probability and Statistics	3	0	3	5	→	CE 300	Summer Practice	0	0	0	4
CE 344	Materials of Construction	2	1	3	4	→	MATH 301	Probability and Statistics	3	0	3	5
CE 371	Hydromechanics	3	1	4	5	→	CE 244	Materials of Construction	2	1	3	4
CE 363	Soil Mechanics	3	2	4	5	→	CE 371	Hydromechanics	3	1	4	5
CE 383	Structural Analysis	4	0	4	5	→	CE 363	Soil Mechanics	3	2	4	5
CE 332	Construction Engineering and Management	3	0	3	5	→	CE 383	Structural Analysis	4	0	4	5
CE 366	Foundation Engineering	3	1	4	5	→	CE 332	Construction Engineering and Management	3	0	3	4
CE 374	Hydrology and Water Resources Engineering	4	0	4	5	→	CE 366	Foundation Engineering	3	1	4	5
CE 382	Reinforced Concrete	3	0	3	5	→	CE 374	Hydrology and Water Resources Engineering	4	0	4	5
CE 352	Introduction to Transportation and Traffic Engineering	2	1	3	5	→	CE 382	Reinforced Concrete	3	0	3	5
CE 384	Steel Structures	3	0	3	5	→	CE 352	Introduction to Transportation and Traffic Engineering	2	1	3	5
CE 400	Summer Practice	0	0	0	6	→	CE 481	Fundamentals of Steel Design	3	0	3	5
CE 401	Capstone Design - I	2	2	3	6	→	CE 400	Summer Practice	0	0	0	4
ECON 222	Economics for Engineers	3	0	3	4	→	CE 401	Capstone Design - I	3	0	3	5
	Technical Elective	3	0	3	6	→	ECON 222	Economics for Engineers	3	0	3	4
	Technical Elective	3	0	3	6	→		Technical Elective	3	0	3	5
OHS 401	Occupational Health and Safety	2	0	2	1	→		Technical Elective	3	0	3	5
CE 402	Capstone Design - II	2	2	3	6	→	OHS 401	Occupational Health and Safety	2	0	2	1
	Technical Elective	3	0	3	6	→	CE 402	Capstone Design - II	2	2	3	6
	Technical Elective	3	0	3	6	→		Technical Elective	3	0	3	5
	Technical Elective	3	0	3	6	→		Technical Elective	3	0	3	5
	Technical Elective	3	0	3	6	→		Technical Elective	3	0	3	5
OHS 402	Occupational Health and Safety	2	0	2	1	→		Technical Elective	3	0	3	5