DEPARTMENT OF CIVIL ENGINEERING CURRICULUM

				FIRS	T YEA	R					
	1st Semester						2nd Semester				
Course Code	Course Title	Т	R	С	ECTS	Course Code	Course Title	Т	R	С	ECTS
CE 115	Computer Aided Drawing for Civil Engineers	2	2	3	6	CE 102	Introduction to Civil Engineering	2	0	2	2
CHEM 103	Chemistry I	3	2	4	5	CE 104	Engineering Geology	3	0	3	5
PHYS 131	Physics I	3	2	4	6	PHYS 132	Physics II	3	2	4	6
MATH 157	Calculus for Engineering I	4	0	4	5	MATH 158	Calculus for Engineering II	4	0	4	5
ESR 103	Ethical Principles and Social Responsibility	1	0	1	1	CENG 198	Introduction to Computer Programming	2	2	3	5
TURK 101	Turkish I	2	0	2	3	TURK 102	Turkish II	2	0	2	3
ENG 121	Academic English I	2	2	3	4	ENG 122	Academic English II	2	2	3	4
7 courses in total		17	8	21	30	7 courses in	total	18	6	21	30
Total		2	25	21	30	Total		2	24	21	30
			S	ECO	ND YE	AR	446 Domostor				
Course	3rd Semester	Τ_	_			Course	4th Semester	Τ_	<u> </u>		
Code	Course Title	т	R	С	ECTS	Code	Course Title	т	R	с	ECTS
IE 345	Engineering Economy	3	0	3	4	CE 224	Mechanics of Materials	3	2	4	6
CE 221	Engineering Mechanics:Statics	3	0	3	7	CE 222	Engineering Mechanics: Dynamics	3	0	3	5
MSE 225	Introduction to Materials Science	3	2	4	6	IE 230	Introduction to Probability and Statistics Materials of Construction	2	2	3	5
MATH 253 Elective	Vector Calculus and Linear Algebra	4	0	4	4 3	CE 242 CE 270	Materials of Construction Fluid Mechanics	3	2	4	5 5
CE 209	Social Sciences Elective I (Any Course from the pool)	3	2	3	3 6	CE 270 MATH 254	Introduction to Differential Equations	4	2	4	5 4
6 courses in	Geographical Information Systems	18	4	20	30	6 courses in		18	8	4	4 30
Total			4	20	30	Total			26	22	30
				20				+			
				THIR	D YEA	R		_	L	<u> </u>	
	5th Semester						6th Semester				
						Course	Course Title	т	R	С	ECTS
Course	Course Title	Т	R	С	ECTS	CE 372	Water Resources Engineering	3	0	3	5
CE 371	Hydraulics	2	2	3	4	CE 382	Reinforced Concrete Structures	3	0	3	5
CE 381	Structural Analysis	3	2	4	5	CE 362	Foundation Engineering	4	0	4	5
CE 361	Geotechnical Engineering	3	2	4	5	CE 352	Transportation Engineering	3	0	3	4
CE 301	Numerical Methods for Civil Engineers	3	2	4	4	Elective	Social Sciences Elective II (Any Course from the pool)	3	0	3	3
CE 331	Construction Management	3	0	3	4	HIST 202	Principles of Atatürk and History of Turkish		0	2	3
							Revolution II	2			
HIST 201	Principles of Atatürk and History of Turkish Revolution I	2	0	2	3	Elective	Revolution II CE Technical Elective I	2 3	0	3	5
HIST 201 CE 200		2	0	2 0	3 5		CE Technical Elective I			3 21	5 30
	Principles of Atatürk and History of Turkish Revolution I Summer Practice I	_				Elective	CE Technical Elective I	3 21	0		
CE 200	Principles of Atatürk and History of Turkish Revolution I Summer Practice I	0 16	0	0	5	Elective 7 courses in	CE Technical Elective I	3 21	0	21	30
CE 200 7 courses in	Principles of Atatürk and History of Turkish Revolution I Summer Practice I	0 16	0 8 4	0 20 20	5 30 30	Elective 7 courses in	CE Technical Elective I	3 21	0	21	30
CE 200 7 courses in	Principles of Atatürk and History of Turkish Revolution I Summer Practice I	0 16 2	0 8 4	0 20 20	5 30 30	Elective 7 courses in	CE Technical Elective I	3 21	0	21	30
CE 200 7 courses in	Principles of Atatürk and History of Turkish Revolution I Summer Practice I total	0 16 2	0 8 4	0 20 20	5 30 30	Elective 7 courses in	CE Technical Elective I total	3 21	0	21	30
CE 200 7 courses in	Principles of Atatürk and History of Turkish Revolution I Summer Practice I total	0 16 2	0 8 4	0 20 20	5 30 30	Elective 7 courses in Total	CE Technical Elective I total 8th Semester	3 21 2	0	21	30 30
CE 200 7 courses in Total Course	Principles of Atatürk and History of Turkish Revolution I Summer Practice I total 7th Semester	0 16 2 FOL	0 8 24 JRTH	0 20 20	5 30 30 AR	Elective 7 courses in Total Course	CE Technical Elective I total 8th Semester Course Title	3 21 2 T	0 0 21 R	21 21 C	30 30 ECTS
CE 200 7 courses in Total Course Code	Principles of Atatürk and History of Turkish Revolution I Summer Practice I total Tth Semester Course Title	0 16 2 FOL	0 8 4 JRTH R	0 20 1 YE	5 30 30 AR ECTS	Elective 7 courses in Total Course Code CE 416	CE Technical Elective I total 8th Semester Course Title Civil Engineering Design II	3 21 2 T 2	0 0 21 R 4	21 21 C 4	30 30 ECTS 7
CE 200 7 courses in Total Course Code CE 415	Principles of Atatürk and History of Turkish Revolution I Summer Practice I total Tth Semester Course Title Civil Engineering Design I	0 16 FOL T 2	0 8 9 7 8 7 8 7 8 8 8 8 8	0 20 20 • YE C 4	5 30 30 AR ECTS 6	Elective 7 courses in Total Course Course Code CE 416 Elective	CE Technical Elective I total 8th Semester Course Title Civil Engineering Design II CE Technical Elective IV	3 21 2 7 7 2 3	0 0 21 R 4 0	21 21 C 4 3	30 30 ECTS 7 6
CE 200 7 courses in Total Course Code CE 415 Elective	Principles of Atatürk and History of Turkish Revolution I Summer Practice I Total Tth Semester Course Title Civil Engineering Design I CE Technical Elective II	0 16 2 FOL T 2 3	0 8 44 JRTH R 4 0	0 20 20 YE C 4 3	5 30 30 AR ECTS 6 5	Elective 7 courses in Total Course Course Code CE 416 Elective Elective	CE Technical Elective I total 8th Semester Course Title Civil Engineering Design II CE Technical Elective IV CE Technical Elective V	3 21 2 7 7 7 2 3 3 3	0 0 21 R 4 0 0	21 21 C 4 3 3	30 30 ECTS 7 6 6
CE 200 7 courses in Total Course Code CE 415 Elective Elective	Principles of Atatürk and History of Turkish Revolution I Summer Practice I total Tth Semester Course Title Civil Engineering Design I CE Technical Elective II CE Technical Elective III	0 16 FOL T 2 3 3 3	0 8 44 JRTH 4 0 0	0 20 20 1 YE C 4 3 3	5 30 30 AR ECTS 6 5 5	Elective 7 courses in Total Course Course Code CE 416 Elective Elective Elective	CE Technical Elective I total 8th Semester Course Title Civil Engineering Design II CE Technical Elective IV CE Technical Elective V CE Technical Elective VI Engineering Technical Elective VII	3 21 2 2 2 2 2 2 3 3 3 3 3 3	0 0 21 R 4 0 0 0 0	21 21 C 4 3 3 3	30 30 ECTS 7 6 6 6 6
CE 200 7 courses in Total Course Code CE 415 Elective Elective Elective	Principles of Atatürk and History of Turkish Revolution I Summer Practice I Total Tth Semester Course Title Civil Engineering Design I CE Technical Elective II CE Technical Elective III Occupational Health and Safety	0 16 2 FOL 7 2 3 3 3 3 3	0 8 4 JRTH R 4 0 0 0	0 20 20 YE C 4 3 3 3	5 30 30 AR ECTS 6 5 5 4	Elective 7 courses in Total Course Course Course Course Course Elective Elective Elective Elective	CE Technical Elective I total 8th Semester Course Title Civil Engineering Design II CE Technical Elective IV CE Technical Elective V CE Technical Elective VI Engineering Technical Elective VII	3 21 2 7 2 3 3 3 3 3 3 14	0 0 21 R 4 0 0 0 0 0	21 21 C 4 3 3 3 3 3	30 30 ECTS 7 6 6 6 6 5
CE 200 7 courses in Total Course Code CE 415 Elective Elective IE 417 CE 481	Principles of Atatürk and History of Turkish Revolution I Summer Practice I Total Tth Semester Course Title Civil Engineering Design I CE Technical Elective II CE Technical Elective III Occupational Health and Safety Steel Structures Summer Practice II	0 16 2 FOL 7 2 3 3 3 3 3 3 3	0 8 14 JRTH R 4 0 0 0 0 0	0 20 20 1 YE C 4 3 3 3 3 3	5 30 30 AR ECTS 6 5 5 4 5	Elective 7 courses in Total Course Code CE 416 Elective Elective Elective Elective Elective Elective	CE Technical Elective I total 8th Semester Course Title Civil Engineering Design II CE Technical Elective IV CE Technical Elective V CE Technical Elective VI Engineering Technical Elective VII	3 21 2 7 2 3 3 3 3 3 3 14	0 0 21 R 4 0 0 0 0 0 0 4	21 21 21 4 3 3 3 3 16	30 30 ECTS 7 6 6 6 6 5 30
CE 200 7 courses in Total Course Code CE 415 Elective Elective IE 417 CE 481 CE 300	Principles of Atatürk and History of Turkish Revolution I Summer Practice I Total Tth Semester Course Title Civil Engineering Design I CE Technical Elective II CE Technical Elective III Occupational Health and Safety Steel Structures Summer Practice II	0 16 2 FOL 2 7 0 10 3 3 3 3 3 0 14	0 8 4 JRTH 4 0 0 0 0 0 0	0 20 20 YE C 4 3 3 3 3 0	5 30 30 AR ECTS 6 5 5 4 5 5 5	Elective 7 courses in Total Course Code CE 416 Elective Elective Elective Elective Elective Elective	CE Technical Elective I total 8th Semester Course Title Civil Engineering Design II CE Technical Elective IV CE Technical Elective V CE Technical Elective VI Engineering Technical Elective VII	3 21 2 7 2 3 3 3 3 3 3 14	0 0 21 R 4 0 0 0 0 0 0 4	21 21 21 4 3 3 3 3 16	30 30 ECTS 7 6 6 6 6 5 30
CE 200 7 courses in Total Course Code CE 415 Elective Elective Elective IE 417 CE 481 CE 300 6 courses in	Principles of Atatürk and History of Turkish Revolution I Summer Practice I Total Tth Semester Course Title Civil Engineering Design I CE Technical Elective II CE Technical Elective III Occupational Health and Safety Steel Structures Summer Practice II	0 16 2 FOL 2 7 0 10 3 3 3 3 3 0 14	0 8 44 PRTH 4 0 0 0 0 0 0 0 4	0 20 20 YE C 4 3 3 3 3 0 16	5 30 30 AR ECTS 6 5 5 4 5 5 30	Elective 7 courses in Total Course Code CE 416 Elective Elective Elective Elective Elective Elective	CE Technical Elective I total 8th Semester Course Title Civil Engineering Design II CE Technical Elective IV CE Technical Elective V CE Technical Elective VI Engineering Technical Elective VII	3 21 2 7 2 3 3 3 3 3 3 14	0 0 21 R 4 0 0 0 0 0 0 4	21 21 21 4 3 3 3 3 16	30 30 ECTS 7 6 6 6 6 5 30

Total Contact Hours:	178
Total Credit Hours:	157
Total ECTS:	240