



EUROPEAN UNIVERSITY OF LEFKE
FACULTY OF ENGINEERING
Department of Civil Engineering
Undergraduate Curriculum

1st Semester				2nd Semester			
CODE	COURSE NAME	CREDIT	ECTS	CODE	COURSE NAME	CREDIT	ECTS
CE119	Introduction to Profession	(2-0)0	2	CE112	Engineering Drawing	(3-2)4	6
COMP117	Computing Foundations	(3-1)4	7	CHEM104	Chemistry	(3-2)4	6
ENGL121	English I	(3-0)3	4	ENGL122	English II	(3-0)3	4
MATH101	Calculus I	(3-2)4	6	MATH110	Calculus II	(3-2)4	6
MATH109	Linear Algebra	(3-0)3	5	PHYS104	Physics II	(3-2)4	6
PHYS103	Physics I	(3-2)4	6	TURK100/ HIST200	Turkish (TR/NC)/ History (FOREIGN STD)	(2-0)0	2
TOTAL		18	30	TOTAL		19	30
3rd Semester				4th Semester			
CODE	COURSE NAME	CREDIT	ECTS	CODE	COURSE NAME	CREDIT	ECTS
CE201	Surveying	(3-2)4	6	CE202	Strength of Materials	(4-0)4	6
CE207	Material Science	(2-2)3	6	CE206	Dynamics	(4-0)4	5
CE211	Statics	(4-0)4	6	CE208	Materials of Construction	(2-2)3	5
HIST100/ TURK200	History of Turkish Reforms/ Turkish	(2-0)2	2	MATH224	Engineering Maths	(3-0)3	5
MATH 201	Ordinary Differential Equations	(3-2)4	6	MATH226	Probability & Statistical Methods	(3-0)3	5
EULXX1	Free Elective I	(3-0)3	4	EULXX2	Free Elective II	(3.0)3	4
TOTAL		20	30	TOTAL		20	30
5th Semester				6th Semester			
CODE	COURSE NAME	CREDIT	ECTS	CODE	COURSE NAME	CREDIT	ECTS
CE300	Summer Training I	(0-0)0	2	CE304	Structural Analysis II	(4-0)4	5
CE301	Soil Mechanics	(3-2)4	6	CE302	Transport & Traffic Engineering	(3-2)4	5
CE303	Structural Analysis I	(4-0)4	6	CE306	Foundation Engineering	(3-0)3	5
CE307	Fluid Mechanics	(4-0)4	6	CE308	Hydromechanics	(2-2)3	5
CE314	Construction Economy	(3-0)3	5	CEXX2	Technical Elective II	(3-0)3	5
CEXX1	Technical Elective I	(3-0)3	5	CEXX3	Technical Elective III	(3-0)0	5
TOTAL		18	30	TOTAL		20	30
7th Semester				8th Semester			
CODE	COURSE NAME	CREDIT	ECTS	CODE	COURSE NAME	CREDIT	ECTS
CE402	Summer Training II	(0-0)3	2	CE420	Graduation Project II	(0-6)3	10
CE403	Reinforced Concrete Fund.	(3-0)3	5	ENGG434	Engineering Ethics	(3-0)3	5
CE405	Fundamentals of Steel Design	(2-2)3	6	CEXX5	Technical Elective V	(3-0)3	5
CE415	Construction Management	(3-0)3	5	CEXX6	Technical Elective VI	(3-0)3	5
CE417	Water Resources Engineering	(3-0)3	4	CEXX7	Technical Elective VII	(3-0)3	5
CE419	Graduation Project I	(0-2)1	3				
ENGG411	Strategic Planning and Management	(3-0)3	5				
TOTAL		16	30	TOTAL		15	30

Total Credit: 146- Total ECTS: 240

TECHNICAL ELECTIVE COURSES*

CODE	COURSE NAME	CREDIT	ECTS	CODE	COURSE NAME	CREDIT	ECTS
CE421	Pavement Design	(3-0)3	5	CE452	Sp. Stud. & Res. in Civil Eng.	(3-0)3	5
CE422	Traffic Engineering	(3-0)3	5	CE464	Constr. Estimating & Analysis	(3-0)3	5
CE424	Tunneling	(3-0)3	5	CE465	Construction Project Scheduling	(3-0)3	5
CE426	Highway Engineering	(3-0)3	5	CE467	Const. Procurement Systems	(3-0)3	5
CE427	Comp. Appl. in Structural Mech.	(3-0)3	5	CE468	Const. Docum. and Contracts	(3-0)3	5
CE428	Introduction to Environmental Eng.	(3-0)3	5	CE471	Advanced Concrete Technology	(3-0)3	5
CE429	Admixtures for Concrete	(3-0)3	5	CE472	Adv. Materials of Construction	(3-0)3	5
CE430	Construction Site Techniques	(3-0)3	5	CE474	Fiber Reinforced Concrete	(3-0)3	5
CE432	Techn. of Ready Mixed and Pre-cast Concrete	(3-0)3	5	CE476	High Strength Concrete	(3-0)3	5
CE433	Intr. to Finite Elements Method	(3-0)3	5	CE482	Advanced Hydrology	(3-0)3	5
CE434	Advanced Concrete	(3-0)3	5	CE483	Water Treat. and Waste Mgmt.	(3-0)3	5
CE435	Pre-stressed Concrete	(3-0)3	5	CE484	Design of Water Supply and Waste Conveyance Systems	(3-0)3	5
CE438	Advanced CAD	(3-0)3	5	CE485	Irrigation and Drainage Eng.	(3-0)3	5
CE404	Health and Safety Management	(3-0)3	5	CE486	Water Resources Management	(3-0)3	5