



EUROPEAN UNIVERSITY OF LEFKE

**DEPARTMENT OF ENVIRONMENTAL
PROTECTION & CONTROL**

PROGRAMME HANDBOOK

2026

PROGRAM BİLGİLERİ

Programın Adı ve Verilen Derece

Aşçılık- Önlisans

Eğitim Süresi

2 Yıl-4 dönem

Toplam Kredi / AKTS Kredisı

71/120

Öğretim Dili

Türkçe

Misyon ve Vizyon

Misyon

Öğrencilerimize çağdaş eğitim yöntemleriyle teorik bilgi ve uygulama becerileri kazandırarak, mutfak sanatlarında yetkin, yenilikçi, etik değerlere bağlı, yaratıcı ve sorumluluk sahibi bireyler yetiştirmektedir.

Vizyon

Ulusal ve uluslararası gastronomi alanında yenilikçi, yaratıcı ve donanımlı şefler yetiştirerek, Türk ve dünya mutfak kültürünün gelişimine katkı sağlamak, sektörün ihtiyaç duyduğu nitelikli iş gücünü yetiştirmektedir.

Programın Amaçları

- Öğrencilere aşçılık mesleğinin gerektirdiği temel teorik bilgi ve uygulama becerilerini kazandırmak.
- Türk ve dünya mutfak kültürlerini tanıyabilen, yorumlayabilen ve sektörel ihtiyaçlara uygun şekilde uygulayabilen mezunlar yetiştirmek.
- Gıda güvenliği, hijyen ve kalite standartlarına hâkim, bu standartları mesleki uygulamalarda etkin olarak kullanabilen bireyler yetiştirmek.
- Mesleki etik ilkelere bağlı, takım çalışmasına yatkın ve iletişim becerileri güçlü mezunlar kazandırmak.

- Gastronomi sektöründe yenilikçi ve yaratıcı çözümler üretebilen, değişen koşullara uyum sağlayabilen bireyler yetiştirmek.
- Ulusal ve uluslararası gastronomi sektöründe rekabet edebilecek nitelikte mesleki donanım ve yabancı dil yeterliliğine sahip mezunlar yetiştirmek.
- Yaşam boyu öğrenmeyi benimseyen, mesleki gelişimini sürdürebilen bireyler yetiştirmek

Program Çıktıları

- Türk ve dünya mutfaklarından tarifler hazırlayabilme ve ilgili süreci yönetebilme.
- Menü planlama, pişirme yöntemleri, sunum ve servis gibi temel aşçılık konularını açıklayabilme.
- Alanı ile ilgili güncel gelişmeleri takip edebilme, yenilikçi ve yaratıcı öneriler üretebilme.
- İş sağlığı ve güvenliği ilkelerini anlayabilme ve temel ilk yardım yöntemlerini uygulayabilme.
- Turizm sektörünün gerektirdiği hijyen ve sanitasyon kurallarını uygulayabilme.
- Alanıyla ilgili girişimcilik becerilerini kavrayabilme.
- Ziyafet ve toplu beslenme organizasyonlarında ekip çalışmasına katılır; bu tür organizasyonların temel prosedürlerini bilir.
- Yiyecek içecek işletmelerinde temel düzeyde maliyet kontrolü yapar ve gider yönetimini öğrenir.
- Beslenme ilkeleri, gıda bilimi ve gıda muhafaza teknikleri hakkında bilgi sahibi olur ve alanında uygular.
- Aşçılık ile ilgili konularda ilgili kişi ve kurumları bilgilendirebilmek; düşüncelerini ve sorunlara ilişkin çözüm önerilerini yazılı ve sözlü olarak etkili bir şekilde aktarabilmek.
- Yabancı dil bilgisini mesleki iletişim ve uygulamalarda kullanır.

3. Yetkinlikler

- Bireysel olarak sorumluluk alır, takım çalışmasına etkin şekilde katılır.
- Karşılaştığı mesleki sorunlara çözüm üretir ve gerektiğinde inisiyatif alır.
- Yaşam boyu öğrenme anlayışıyla kendini sürekli geliştirir.
- Mesleki gelişimini destekleyecek seminer, kurs ve etkinliklere katılır.
- İş hayatında etkin iletişim kurar, müşteri ilişkilerini yönetir.
- Ulusal ve uluslararası mutfaklarda çalışabilecek düzeyde iletişim becerisi kazanır.
- Mesleki etik ilkelere bağlı şekilde çalışır.
- İş sağlığı, iş güvenliği, gıda güvenliği ve kalite standartlarına uygun davranır.
- Gastronomi alanındaki yenilikçi uygulamaları ve teknolojileri takip eder, mesleğine uygular.

Müfredat

1. Yıl Güz

DERS KODU	DERS ADI	(T-U-L)K	AKTS	DERS TÜRÜ
ASLK101	YİYECEK ÜRETİMİ I	(2-0-2)3	7	ZORUNLU
ASLK153	MUTFAK YÖNETİMİ	(3-0-0)3	6	ZORUNLU
SHZY101	BESLENME İLKELERİ	(3-0-0)3	6	ZORUNLU
USBT01	ÜNİVERSİTE ORTAK SEÇMELİ (BİLİŞİM TEKNOLOJİSİ)	(3-0-0)3	4	SEÇMELİ
UYDS01	YABANCI DİL SEÇMELİ I	(3-0-0)3	3	SEÇMELİ
USSC01	ÜNİVERSİTE ORTAK SEÇMELİ I	(3-0-0)3	4	SEÇMELİ

1. Yıl Bahar

DERS KODU	DERS ADI	(T-U-L)K	AKTS	DERS TÜRÜ
ASLK102	YİYECEK ÜRETİMİ II	(2-0-2)3	7	ZORUNLU
ASLK108	YİYECEK HAZIRLAMA VE PİŞİRME TEKNİKLERİ	(2-0-2)3	6	ZORUNLU
ASLK154	MUTFAK ÇEŞİTLERİ	(3-0-0)3	6	ZORUNLU
ORTK106	TÜRKÇE	(2-0-0)2	2	ZORUNLU
ORTK108	TARİH	(2-0-0)2	2	ZORUNLU
UFDS01	ÜNİVERSİTE ORTAK SEÇMELİ (FELSEFE GRUBU)	(3-0-0)3	4	SEÇMELİ
UYDS02	YABANCI DİL SEÇMELİ II	(3-0-0)3	3	SEÇMELİ

2. Yıl Güz

DERS KODU	DERS ADI	(T-U-L)K	AKTS	DERS TÜRÜ
ASLK200	STAJ	(0-0-0)0	2	ZORUNLU
USSC02	ÜNİVERSİTE ORTAK SEÇMELİ II	(3-0-0)3	4	SEÇMELİ
ASLK205	MENÜ PLAN STRATEJİLERİ	(3-0-0)3	4	ZORUNLU
ASLK207	MALİYET KONTROLÜ	(3-0-0)3	5	ZORUNLU
ASLK209	DÜNYA MUTFAKLARI	(2-0-2)3	5	ZORUNLU
ASLK251	YİYECEK HİZMETLERİ YÖNETİMİ I	(2-0-2)3	5	ZORUNLU
ASLK253	HİJYEN VE SANİTASYON	(3-0-0)3	5	ZORUNLU

2. Yıl Bahar

DERS KODU	DERS ADI	(T-U-L)K	AKTS	DERS TÜRÜ
ASLK206	PASTANE ÜRÜNLERİ	(2-0-2)3	6	ZORUNLU
ASLK208	YÖRESEL MUTFAKLAR	(2-0-2)3	7	ZORUNLU
ASLK252	YİYECEK HİZMETLERİ YÖNETİMİ II	(2-0-2)3	6	ZORUNLU
ISGL202	İŞ SAĞLIĞI VE GÜVENLİĞİ	(3-0-0)3	4	ZORUNLU
USSC03	ÜNİVERSİTE ORTAK SEÇMELİ III	(3-0-0)3	4	SEÇMELİ
SHZY204	MESLEK ETİĞİ	(2-0-0)2	3	ZORUNLU

Laboratuvar ve Ekipman Kapasitesi

- Gastronomi Uygulama Mutfağı
- Soli Inn Uygulama Otel Mutfağı
- EUL Lounge Uygulama Restoranı

Kariyer Olanakları

Aşçılık Önlisans Programı mezunları; otel, restoran, tatil köyü, catering firmaları, pastane ve kafe gibi yiyecek-içecek işletmelerinde aşçı, şef yardımcısı veya şef olarak çalışma imkânına sahiptir. Kamu kurumlarının yemekhaneleri ve sosyal tesislerinde görev alabilecekleri gibi, kendi iş yerlerini açarak girişimci olma fırsatına da sahiptirler. Ayrıca gıda endüstrisinde ürün geliştirme süreçlerinde çalışabilirler.

İletişim Bilgileri

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e-posta: myo@eul.edu.tr



EUROPEAN UNIVERSITY OF LEFKE

SYLLABUS

2025-2026 FALL SEMESTER

Course Code	Course Title	Course Type	Weekly Course Hours			Credits	ECTS	Weekly Time Schedule	
			T	A	L				
COMV109	MATHEMATICS	Compulsory	3	0	0	3	6	WEDNESDAY 15:00-17:50	
Prerequisite		Prerequisite to							
Course Lecturer	Aslı BARDAK					Office Hours Schedule	TUESDAY-12:00-14:50		
E-mail	abardak@eul.edu.tr								
Phone						Office / Room No	AS 304		
Teaching Assistant						Phone			
E-mail						Office / Room No			
Catalogue Descriptions	Repetition of basic algebra, fractions and partial fractions. The basic algebra and linear equations, arithmetic expression and simplification of algebraic expressions. Operations with surds and indices. The techniques for solving quadratic functions. Graph sketching for quadratic equations in Cartesian plane. Solving linear, polynomial and rational inequalities. The parallel and perpendicular lines.								
Objectives	Students will be able to model and solve real-world situations found in a business environment using a variety of methods of mathematics. End of this course, student be able to learn algebraic expressions, real numbers, equations and inequalities, systems of equations. It includes also includes Pascal's triangle, exponential numbers, logarithms, and linear geometry issues.								
Learning Outcomes	On successful completion of this course, all students will have developed knowledge and understanding of: (1) Ability of simplified the algebraic functions (2) Use the graph to illustrate business mathematical techniques (3) Ability to understand Rational numbers, surds and solving the equations (4) Ability to unerstand exponential numbers (5) Ability to understand equations and inequalities								
Textbooks and/or References	1	Ernest F. Haeussler, Jr. Richard S. Paul. Introductory Mathematical Analysis, Prentice Hall, 2002							
	2	Frank S. Budnick, Applied Mathematics for Business, Economics and The Social Sciences, 1994, McGraw Hill							
	3	Margaret L. Lial, Raymond N. Greenwell, Nathan P. Ritchey Finite Mathematics and Calculus with Applications, 10/E, Pearson, 2016							
	4	L. Bostock, S. Chandler. Core Maths for A Level, Stanley Thornes (Publishers) LTD, 1994							
WEEK	Date	TOPICS						Reference No - Section	
Week 1	24/09/2025	Introduction to algebraic expressions						2:1.1,	
Week 2	01/10/2025	Introduction to algebraic expressions						2:1.1,	
Week 3	08/10/2025	Quadratic Equations						3:R.1,2	
Week 4	15/10/2025	Pascal's triangle						3:R.2	
Week 5	22/10/2025	Fractions and Partial Fractions							
Week 8	25/10-16/11/2025	midterm week							
Week 6	19/11/2025	Introducing the Square root's rules						3:R.6.7	
Week 7	26/11/2025	Line Equation							
Week 9	03/12/2025	Equations and Quadratic Equations						2:7.3	
Week 10	10/12/2025	Function properties, inverse functions						2:4.1,4.2,6.1	
Week 11	17/12/2025	Solving composite functions						02:05	
Week 12	24/12/2025	Linear Inequalities						2:3.1	
Week 13	31/12/2025	Quadratic Inequalities and Inequalities Systems						2:1.3, 3:R.5	
Week 14	03-11/01/2026	Final Exam week							
Evaluation Tools	Evaluation Tool	Quantity	Date	Weight in Total (%)	Weight in Semester Evaluation (%)				
	Final Exam	1	03-11/01/2026	50	50,0				
	Semester Evaluation				50				
	Midterm(s)	1	TBA	50	50,0				
	Quiz(zes)								
	Project(s)								
	Homework(s)								
	Laboratory work(s)								
Attendance									
*** Lifelong Learning Programme (LLP) ***			Language of Instruction:			English			
Evaluation Tool	Quantity	Student Workload Hours	Evaluation Tool	Quantity	Student Workload Hours				
Theoretical lecturing hours (TLH)	13	39	Homework						
TLH self study	13	78	Project						
Quiz (Q)			Presentation						
Q preparation self study			Seminar						
Laboratory (L)									
L preparation work									
Midterm exam (ME)	1	2	Final exam (FE)	1	2				
ME preparation self study	1	20	FE preparation self study	1	24				
					TOTAL :	165			
					Recommended ECTS Credit (Total Hours / 30) :	5,5			

EUROPEAN UNIVERSITY OF LEFKE								
COM 106 - TURKISH								
SYLLABUS								
Course Code	Course Name	Course Type	Weekly Course Hours			Credits	ECTS	Weekly Time Schedule
			T	A	L			
COMN106	TURKISH (For International Students)		2	0	0	2	2	
Prerequisite	Prerequisite to							
Course Lecturer	Assoc. Prof. Dr. Elnur Ağayev					Office Hours		
E-mail	eagayev@eul.edu.tr					Schedule		
Phone						Office / Room No		
Teaching Assistant(s)	-					Phone		
E-mail	-					Office / Room No		
Catalogue Descriptions	Basic structure and sound features of Turkish, Turkish pronunciation, Turkish sentence structure, frequently used words in Turkish, types of dialogue, English-Turkish translation studies, Turkish text reading exercises.							
Course Objectives	For students whose mother tongue is not Turkish, to make them comprehend the basic features of Turkish and to enable students to use Turkish at a basic level in oral and written form through frequently used vocabulary/dialogue studies.							
Learning Outcomes	1. Comprehends the basic phonetic and structural features of Turkish 2. Applies the pronunciation features of Turkish 3. Acquires the basic vocabulary of Turkish 4. Develops Turkish text reading skills 5. Can use Turkish dialogues that are frequently used in daily life.							
Textbooks and/or References	1	Birsen Çankaya ve diğerleri. Easy Turkish Course. İstanbul: Fono Yayınları, 2006.						
	2	Kurtuluş Öztopçu. Elementary Turkish. İstanbul, 2006.						
	3	COM106 Turkish lecture notes/slides						
	4	Doğan Günay, Özdan Fidan ve diğerleri, Yabancılar İçin Türkçe Ders Kitabı + Alıştırma Kitabı, Papatya Yay., Ankara: 2013.						
WEEK	Date	TOPICS				Reference No - Section		
Week 1	02/02/2026	Turkish alphabet, translation exercises examples, Turkish sounds						
Week 2	09/02/2026	Turkish sentence structure, translation exercises, vocabulary examples						
Week 3	16/02/2026	Frequently used expressions, daily language sentences 1, translation exercises						
Week 4	23/02/2026	Days, colours, numbers, months, seasons, adjectives, Frequently used verbs 1						
Week 5	02/03/2026	Turkish alphabet and its pronunciation, this/that (bu/şu/o)						
Week 6	09/03/2026	Plural suffix (-lar/-ler), interrogative particle						
Week 7	16/03/2026	How many, how much (kaç?), ordinal numbers (kaçıncı?), Frequently used verbs 2						
Week 8	23/03/2026	There is/isn't (var/yok) cont., opposite adjectives, translation exercises, vocabulary						
Week 9	30/03/2026	Present continuous, daily routine, free time activities						
Week 10	4-12/04/2026	Midterm(s)						
Week 11	13/04/2026	Reading practice, want to (-mak istemek), my family, possessive suffixes						
Week 12	20/04/2026	Countries, nationalities, languages, away from my family, kendi+possessive pronoun						
Week 13	27/04/2026	Hours, special days, translation exercises, reading practice						
Week 14	04/05/2026	Our body, permission and request sentences, revision						
Week 15	11/05/2026	Our body, permission and request sentences, revision						
Week 16	16-25/05/2026	Final Exam						
Evaluation Tools	Evaluation Tool	Quantity	Date	Weight in Total (%)	Weight in Semester Evaluation (%)			
	Final Exam	1	16-25/05/2026	60				
	Semester Evaluation							
	Midterm(s)	1	4-12/04/2026	40				
	Quiz(zes)							
	Project(s)							
	Homework(s)							
	Laboratory							
Other								
*** Lifelong Learning Programme (LLP) ***						Language of Instruction:		
Evaluation Tool	Quantity	Student Workload Hours		Evaluation Tool	Quantity	Student Workload Hours		
Theoretical Hours	14	28,0		Applied Hours				
Midterm	1	1,0		Final	1	1,0		
Midterm Study	2	6,0		Final Study	2	6,0		
Laboratory				Homework				
Atelier				Seminar				
Field Study				Presentation				
Other				Self Study	7	21,0		
TOTAL :					63	2,0		



EUROPEAN UNIVERSITY OF LEFKE

Faculty of Economics and Administrative Sciences

SYLLABUS

2025-2026 Fall Semester

Course Code	Course Name	Course Type	Weekly Course Hours			Credits	ECTS	Weekly Time Schedule
			T	A	L			
COMN107	Economics	Compulsory	3	0		3	6	Thursday 15:00 - 17:50 pm in HK001
Prerequisite	None					None		
Course Lecturer	Asst. Prof. Dr. Berna Serener				Office Hours	Monday 12:00 - 16:50 pm; Tuesday 13:00 - 13:50 pm; Wednesday 12:00 - 15:50 pm; Thursday 14:00 - 14:50 pm		
E-mail	bserener@eul.edu.tr							
Phone	2608				Office / Room No	FEAS Room 8		
Catalogue Description	This course introduces students to the key concept and topic of microeconomics such as opportunity cost, production possibility frontier, demand and supply, elasticity, utility, preferences, production, costs, perfect competition, monopoly.							
Course Objectives	This course introduces students to the key concept and topic of microeconomics such as opportunity cost, production possibility frontier, demand and supply, elasticity, utility, preferences, production, costs, perfect competition, monopoly.							
Learning Outcomes	On successful completion of this course, all students will have developed knowledge and understanding of: (1) Supply and Demand Analysis, (2) Elasticities, (3) Production, (4) Costs, (5) Market Structures (6) Presentation of economic issues with graphs, tables and essays.							
Textbooks and/or References	1	M. Parkin, Economics, 14th Edition, Pearson, 2023.						
	2	N. G. Mankiw, Principles of Economics, 10th Edition, 2023.						
WEEK	Date	TOPICS					Reference No - Section	
Week 1	25.9.2025	What is Economics? Definition of economics-Two big economic questions					1; 1	
Week 2	2.10.2025	What is Economics? (cont.) The economic way of thinking-Economics as social science and policy tool					1; 1	
Week 3	9.10.2025	The Economic Problem: Production possibilities and opportunity cost					1; 2	
Week 4	16.10.2025	Demand and Supply					1; 3	
Week 5	23.10.2025	Demand and Supply					1; 3	
Week 6	30.10.2025	Elasticity					1; 4	
Week 7	6.11.2025	Elasticity					1; 4	
Week 8	8-16.11.2025	Midterm Exam Week						
Week 9	20.11.2025	Government Actions in Markets: A housing market with a rent ceiling-A labour market with a minimum wage					1; 6	
Week 10	27.11.2025	Government Actions in Markets: A housing market with a rent ceiling-A labour market with a minimum wage					1; 6	
Week 11	4.12.2025	Output and Costs					1; 11	
Week 12	11.12.2025	Output and Costs					1; 11	
Week 13	18.12.2025	Output and Costs					1; 11	
Week 14	25.12.2025	Review						
Week 15	3-11.01.2026	Exam Week						
Evaluation Tools	Evaluation Tool	Quantity	Date	Weight in Total (%)	Weight in Semester Evaluation (%)			
	Final Exam IN CLASS	1	3-11.01.2026	50				
	Midterm Exam IN CLASS	1	8-16.11.2025	40				
	Online Quiz on moodle	1	to be announced	10				
*** Lifelong Learning Programme (LLP) ***			Language of Instruction:			English		
Evaluation Tool	Quantity	Student Workload Hours	Evaluation Tool	Quantity	Student Workload Hours			
Theoretical lecturing hours (TLH)	13	13x3= 39	Homework					
TLH self study	13	13x3 = 39	Project					
Quiz (Q)	1	1	Presentation					
Preparation for Quiz	1	25	Seminar					
Midterm Exam	1	1	Final Exam	1	1			
Midterm Exam preparation self study	1	35	Final Exam preparation self study	1	35			
TOTAL :					176			



EUROPEAN UNIVERSITY OF LEFKE

COMN 108 - HISTORY

SYLLABUS

Course Code	Course Title	Course Type	Weekly Course Hours			Credits	ECTS	Weekly Time Schedule										
			T	A	L													
COMN108	HISTORY (For International Students)	Compulsory	2	0	0	2	2											
Prerequisite	Prerequisite to																	
Course Lecturer	Assoc. Prof. Dr. Elnur AĞAYEV					Office Hours Schedule	Monday: 09:00-12:00											
E-mail	eagayev@eul.edu.tr																	
Phone						Office / Room No												
Teaching Assistant						Phone												
E-mail						Office / Room No												
Catalogue Descriptions	The course provides a detailed exposure on the history of the construction of the Turkish Republic under the light of Kemal Atatürk's principles this course is designed for Turkish speaking students. COM108 is designed for non-Turkish speaking foreign students. The aim of the course is to introduce a brief history of Turkish Republic and Cyprus. Social, economic and political aspects and effects of Western Civilization on Turkey and Cyprus. Relations with Middle East.																	
Objectives	In this course the students who have been studying at different departments of our university will learn how the Ottoman Empire collapsed and a new Turkish Republic was found in the early 20 th. century. At the same time the students will learn the Eastern Question, Armenian Question and Cyprus Question which were created by different policy powers in the historical period. By the end of the semester the students will be able to understand why Mustafa Kemal is an important figure in the history of Turkey and the world. Besides, they will learn the Turkish Revolution and the establishment philosophy of the Turkish Republic and the principles of Mustafa Kemal																	
Learning Outcomes	On successful completion of this course, all students will have developed knowledge and understanding of: 1. Analyzes the developments after World War I and the attitude of Mustafa Kemal and his friends in the face of these developments. 2. Understanding the Turkish Foreign Policy of the Atatürk Era. 3. They will have basic information about the political developments in Turkey and the world during and after the Second World War. 4. To have general information about the History of Cyprus.																	
Textbooks and/or References	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>1</td><td>Lewis, Bernard, The Emergence of Modern Turkey, London, 1967.</td></tr> <tr><td>2</td><td>Kinross, Patrick, Atatürk The Rebirth of a Nation, A Phoenix Giant Paperback Publishing, London, 1998.</td></tr> <tr><td>3</td><td>Luke, Harry, Cyprus Under The Turks</td></tr> <tr><td>4</td><td>COM108 History lecture notes/slides</td></tr> <tr><td>5</td><td>Denktash, Rauf R, The Cyprus Triangle, The Office of the Turkish Republic of Northern Cyprus, New York, 1988.</td></tr> </table>								1	Lewis, Bernard, The Emergence of Modern Turkey , London, 1967.	2	Kinross, Patrick, Atatürk The Rebirth of a Nation , A Phoenix Giant Paperback Publishing, London, 1998.	3	Luke, Harry, Cyprus Under The Turks	4	COM108 History lecture notes/slides	5	Denktash, Rauf R, The Cyprus Triangle , The Office of the Turkish Republic of Northern Cyprus, New York, 1988.
1	Lewis, Bernard, The Emergence of Modern Turkey , London, 1967.																	
2	Kinross, Patrick, Atatürk The Rebirth of a Nation , A Phoenix Giant Paperback Publishing, London, 1998.																	
3	Luke, Harry, Cyprus Under The Turks																	
4	COM108 History lecture notes/slides																	
5	Denktash, Rauf R, The Cyprus Triangle , The Office of the Turkish Republic of Northern Cyprus, New York, 1988.																	
WEEK	Date	TOPICS					Reference No - Section											
Week 1	04/02/2026	Introduction of the Bibliography																
Week 2	11/02/2026	The First World War and the Ottoman Empire																
Week 3	18/02/2026	The First World War and the Ottoman Empire																
Week 4	25/02/2026	The Turkish War of Independence and Turkish Victory (First Phase)																
Week 5	04/03/2026	The Turkish War of Independence and Turkish Victory (First Phase)																
Week 6	11/03/2026	The Turkish War of Independence and Turkish Victory (Second Phase)																
Week 7	18/03/2026	Lausanne Agreement and Proclamation of the Republic of Turkey																
Week 8	25/03/2026	The Strategical Importance of Cyprus																
Week 9	01/04/2026	Cyprus Under the Ottoman Rule																
Week 10	4-12/04/2026	Midterm Exam																
Week 11	15/04/2026	Cyprus Under the Ottoman Rule																
Week 12	22/04/2026	National Struggle of Turkish Cypriots																
Week 13	29/04/2026	National Struggle of Turkish Cypriots																
Week 14	06/05/2026	Cyprus Question																
Week 15	13/05/2026	Cyprus Question																
Week 16	16-25/05/2026	Cyprus Question																
Evaluation Tools	Evaluation Tool	Quantity	Date		Weight in Total (%)	Weight in Semester Evaluation (%)												
	Final Exam	1			60	50,0												
	Semester Evaluation																	
	Midterm(s)	1			40	50,0												
	Quiz(ze)s																	
	Project(s)																	
	Homework(s)																	
	Laboratory work(s)																	
	Attendance																	
*** Lifelong Learning Programme (LLP) ***			***			Language of Instruction:		English										
Evaluation Tool	Quantity	Student Workload Hours	Evaluation Tool	Quantity	Student Workload Hours													
Theoretical lecturing hours (TLH)	14	28	Homework															
TLH self study	7	21	Project															
Quiz (Q)			Presentation															
Q preparation self study			Seminar															
Laboratory (L)			Tutorial															
L preparation work																		
Midterm exam (ME)	1	1	Final exam (FE)	1	1													
ME preparation self study	2	6	FE preparation self study	2	6													
TOTAL :					63													
Recommended ECTS Credit (Total Hours / 30) :					2,00													



EUROPEAN UNIVERSITY OF LEFKE

Faculty of Engineering

SYLLABUS

2025-2026 Spring Semester

Course Code	Course Title	Course Type	Weekly Course Hours			Credits	ECTS	Weekly Time Schedule	
			T	A	L				
COMN122	PHYSICS II	Compulsory	3	0	0	3	5	Mondays 12.00-14.50 (ASA100)	
Prerequisite	Prerequisite to								
Course Lecturer	Assist. Prof. Dr. Semih OĞUZCAN					Office Hours Schedule	Monday 10.00-11.50 /Tuesday 13.00-14.50 /Friday 14.00-14.50		
E-mail	soguzcan@eul.edu.tr								
Phone						Office / Room No	AS310		
Teaching Assistant						Phone			
E-mail						Office / Room No			
Catalogue Descriptions	This course aims to introduce fundamental concepts of physics for engineering science and to provide essential background for engineering students. The course provides deep understanding of thermodynamics, electricity and magnetism. Also, the course aims to show the students the engineering applications of the course material.								
Objectives	The main aim of this course is to introduce the fundamental concepts of thermodynamics, electricity and magnetism necessary for engineering science and to provide essential background for engineering students.								
Learning Outcomes	On successful completion of this course, all students will have developed knowledge and understanding of: (1) An ability to translate, interpret and extrapolate important scientific models and laws governing thermodynamics, (2) An ability to translate, interpret and extrapolate important scientific models and laws governing electricity (3) An ability to translate, interpret and extrapolate important scientific models and laws governing electricity/magnetism. (4)An ability to demonstrate critical thinking and problem solving skills in the area of physics (5) An ability to perform mathematical modeling of basic problems and establish their analytic solutions in field of thermodynamics, electric and magnetism								
Programme Outcome Relations	PO1: 4 PO2: 1 PO3: 1 PO4: 1 PO5: 4 PO6: 1	PO7: 1 PO8: 1 PO9: 1 PO10: 1 PO11: 1	(1) Strongly disagree; (2) Disagree; (3) Neither agree nor disagree; (4) Agree; (5) Strongly agree.						
Textbooks and/or References	1 Serway, Physics for Scientists and Engineers with Modern Physics, 9/e 2 Halliday and Resnick, Fundamentals of Physics 3 Sears and Freedman, University Physics, 10/e 4 Gettys, Keller and Skove, Physics: Classical and Modern								
WEEK	Date	TOPICS					Reference No - Section		
Week 1	02/02/2026	Introduction & Temperature and Thermal Expansion of Solids and Liquids, Macroscopic Description of Ideal Gas					1:19.1,19.2,19.3,19.4,19.5		
Week 2	09/02/2026	The First Law of Thermodynamics					1:20.1,20.2,20.3,20.4,20.5,20.6,20.7		
Week 3	16/02/2026	The Kinetic Theory of Gases					1:21.1,21.2,21.3,21.4,21.5		
Week 4	23/02/2026	Heat Engines,Entropy and Second Law of Thermodynamics					1:22.1,22.2,22.3,22.4,22.6,22.7		
Week 5	02/03/2026	Electric Force and Electric Field, Coloumb's Law for point charges					1:23.1,23.2,23.3,23.4,23.5,23.6		
Week 6	09/03/2026	Electric Field of Continuous Uniform Charge distributions and applications of Gauss Law					1:24.1, 24.2,24.3, 24.4		
Week 7/8/9/10	14-12/03-04/2026	MIDTERM							
Week 11	13/04/2026	Electric Potential Energy, Electric Potential and derivation of Electric Field from Electric Potential					1:25.1,25.2,25.3,25.4		
Week 12	20/04/2026	Magnetic Fields, Magnetic Force on a point charge and a current carrying wire					1:29.1,29.2,29.3,29.4,29.5		
Week 13	27/04/2026	Sources of Magnetic Fields, Magnetic Field crated by point charges and current carring wires					1:30.1,30.2,30.3		
Week 14	04/05/2026	Gauss Law in magnetism and Magnetism in Matter					1:30.5,30.6		
Week 15	11/05/2026	Faraday's Law and Induced Current					1:31.1,31.2,31.3,31.4, 31.4,31.5		
Week-16/17	16-25/05/2026	FINAL							
Evaluation Tools	Evaluation Tool	Quantity	Date	Weight in Total (%)	Weight in Semester Evaluation (%)				
	Final Exam	1	16-25/05/2026	50	50,0				
	Semester Evaluation			50					
	Midterm(s)	1	14-12/03-04/2026	40	40,0				
	Quiz(zes)	1	27/04/2026	10	10,0				
	Project(s)								
	Homework(s)								
	Laboratory work(s)								
Attendance									
*** Lifelong Learning Programme (LLP) ***			Language of Instruction:					English	
Evaluation Tool	Quantity	Student Workload Hours	Evaluation Tool	Quantity	Student Workload Hours				
Theoretical lecturing hours (TLH)	13	39	Homework						
TLH self study	13	50	Project						
Quiz (Q)	1	2	Presentation						
Q preparation self study	1	10	Seminar						
Laboratory (L)			Tutorial						
L preparation work									
Midterm exam (ME)	1	2	Final exam (FE)	1	2				
ME preparation self study	1	25	FE preparation self study	1	25				
TOTAL :					155				
Recommended ECTS Credit (Total Hours / 30) :					5,17				



EUROPEAN UNIVERSITY OF LEFKE

SYLLABUS 2025-2026 Spring Semester

Course Code	Course Name	Course Type	Weekly Course Hours			Credits	ECTS	Weekly Time Schedule
			T	A	L			
COMN192	English 2		3	0		3	3	
Prerequisite		Prerequisite to						
Course Lecturer	Mehmet Mert				Office Hours Schedule	Monday 09:00-11:00		
E-mail	mmert@eul.edu.tr				Office / Room No	AS232		
Phone					Phone	2684		
Teaching Assistant(s)	-				Office / Room No	-		
E-mail	-							
Course Objectives	This course introduces the main grammatical structures to the students and helps them to develop their listening, speaking, reading and writing skills as well as vocabulary and pronunciation. The students are provided with clear rules and example sentences. The lessons contain high frequency vocabulary that the students are likely to come across during their studies and future their future careers							
Learning Outcomes	1. The students will be able to understand and use English structures accurately to express themselves. 2. The students will be able to learn and use the vocabulary learnt during the lessons.							
Textbooks and/or	1	English File, Intermediate Plus, Student's Book, Christina Latham-Koenig, et al, Oxford University Press, Third Edition						
	2	English File, Intermediate Plus, Workbook, Christina Latham-Koenig, et al, Oxford University Press, Third Edition						
WEEK	Date	TOPICS					Reference no to learning outcomes	
Week 1	04/02/2026	Obligation, Necessity					1,2	
Week 2	11/02/2026	Prohibition, advice, DIY					1,2	
Week 3	18/02/2026	can, could, be able to					1,2	
Week 4	25/02/2026	vocabulary, things on the table					1,2	
Week 5	04/03/2026	Phrasal verbs					1,2	
Week 6	11/03/2026	verb patterns					1,2	
Week 7	18/03/2026	have something done					1,2	
Week 8	25/03/2026	at the hairdresser's					1,2	
Week 9	01/04/2026	Passive						
Week 10	4-12/04/2026	MID TERMS					1,2	
Week 11	15/04/2026	Reported Speech					1,2	
Week 12	22/04/2026	Past Perfect					1,2	
Week 13	29/04/2026	be, do, have					1,2	
Week 14	06/05/2026	Auxiliary + main verbs					1,2	
Week 15	13/05/2026	Question tags					1,2	
Week 16	16-25/05/2026	FINALS						
Evaluation Tools	Evaluation Tool	Quantity	Date		Weight in Total (%)	Weight in Semester Evaluation (%)		
	Final Exam	1			60	100		
	Semester Evaluation							
	Midterm(s)	1			40	100,0		
	Quiz(zes)							
	Project(s)							
	Online Homework(s)							
	Laboratory							
	Other							
*** <i>LifeLong Learning Programme (LLP)</i> ***					Language of Instruction:		English	
Evaluation Tool		Quantity			Student Workload Hours			
Theoretical Hours		13			13x3 39			
Midterm		1			1x1 1			
Self Study for midterm		1			39x1 39			
Final Exam		1			1x1 1			
Self Study for final		1			10x1 10			
TOTAL :					90			
Recommended ECTS Credit (Total Hours / 25) :					90/30=3			



SYLLABUS

2025-2026 FALL SEMESTER

Course Code	Course Title	Course Type	Weekly Course Hours			Credits	ECTS	Weekly Time Schedule
			T	A	L			
COMV111	CHEMISTRY	Compulsory	3	0	0	3	6	Thursday 12:00-14:50 (HK000)
Prerequisite	Prerequisite to							
Course Lecturer	Assist. Prof. Dr. Devrim ÖZDAL					Office Hours Schedule	Tuesday 11:00-12:00	
E-mail	devrimozdal@eul.edu.tr					Office / Room No	Faculty of Engineering / Room No : AS307	
Phone	2516					Office / Room No	Faculty of Engineering / Room No : AS307	
Teaching Assistant						Phone		
E-mail						Office / Room No		
Catalogue Descriptions	The aim of this course is to describe students how substances interact with one another. Students will be informed on how the atom is made up, how atoms come together to make molecules and how molecules can interact, chemical compounds, chemical bonds, chemical equations and reactions, aqueous solutions, periodic table, gases, the electronic structure of the atom.							
Objectives	The aim of this course is to deliver basic general chemistry content and introduce students to the chemistry laboratory. Matter, atomic structure, periodic table, mole concept, stoichiometry, aqueous solutions, and gasses.							
Learning Outcomes	On successful completion of the course, the student will be able to: <ul style="list-style-type: none"> (1) understand and carryout calculations on properties of Substances (2) learn atomic structure and naming of compouunds (3) learn mole concept, balancing equations, stoichiometry (4) carry out calculations on aqueous reactions (5) learn ideal gasses, gas mixtures and gas properties (6) understand electronic configurations and covalent bonding (7) understand concentration units of solutions, principles of solubility and colligative properties of nonelectrolytes 							
Programme Outcome Relations	PO1: 5 PO2: 1 PO3: 1 PO4: 1 PO5: 1 PO6: 1	PO7: 1 PO8: 1 PO9: 1 PO10: 1 PO11: 1	(1) Strongly disagree; (2) Disagree; (3) Neither agree nor disagree; (4) Agree; (5) Strongly agree.					
Textbooks and/or References	1	William L. Masterton, Cecile N. Hurley, Chemistry Principles and Reactions, 8th edition, Cengage Learning, 2016.						
	2	Nivaldo J. Tro, Chemistry: A Molecular Approach, 5th ed., Pearson Education Limited, 2021.						
	3	K.M.Whitten, R.E.Davis, M.L.Pech, G.G.Stanley, Chemistry, 10th ed., Brooks/Cole CENGAGE Learning, 2014.						
WEEK	Date	TOPICS					Reference No - Section	
Week 1	22-26.09.2025	Matter and Measurements; Classifications of matters and Units in measurements					1: 1.1-1.2	
Week 2	29.09.2025-03.10.2025	Matter and Measurements; Properties of Substances and Density					1: 1.3	
Week 3	06-10.10.2025	Atoms, Molecules and Ions; Atom theories and Subatomic particles					1: 2.1-2.4	
Week 4	13-17.10.2025	Atoms, Molecules and Ions; Properties of Periodic table and Structural formulas					1: 2.4, 2.6	
Week 5	20-24.10.2025	Atoms, Molecules and Ions; Naming of Ionic and Covalent Compounds					1: 2.7	
Week 6	27-31.10.2025	Mass Relations in Chemistry: Stoichiometry ; Moles, mole-gram conversions and Reactions					1: 3.1-3.3	
Week 7	03-07.11.2025	Mass Relations in Chemistry; Writing and Balancing Chemical equations, Limiting Reactant, Theoretical and Experimental Yield, Percent Yield					1: 3.3-3.7	
Week 8	10-14.11.2025	Midterm Exam Week						
Week 9	17-21.11.2025	Mass Relations in Chemistry; Writing and Balancing Chemical equations, Limiting Reactant, Theoretical and Experimental Yield, Percent Yield					1: 3.3-3.7	
Week 10	24-28.11.2025	Reactions in Aqueous Solutions					1:4.1-4.7	
Week 11	01-05.12.2025	Gases; Measurements of gases, Ideal gas law, Gas mixtures					1: 5.1-5.7	
Week 12	08-12.12.2025	Electronic Structure and Periodic Table					1: 6.1-6.7	
Week 13	15-19.12.2025	Solutions; Concentration Units, Properties of Solubility					1: 10.1-10.7	
Week 14	22-26.12.2025	Revision					All Topics	
Week 15	29-31.12.2025	Public Holiday						
Week 16	05.09.01.2026	Final Exam Week						
Evaluation Tools	Evaluation Tool	Quantity	Date	Weight in Total (%)	Weight in Semester Evaluation (%)			
	Final Exam	1	03-11.01.2026	50				
	Semester Evaluation			50				
	Midterm(s)	1	08-16.11.2025	50	100,0			
	Quiz(zes)							
	Project(s)							
	Homework(s)							
	Laboratory works							
Attendance								
*** Lifelong Learning Programme (LLP) ***			Language of Instruction:			English		
Evaluation Tool	Quantity	Student Workload Hours	Evaluation Tool	Quantity	Student Workload Hours			
Theoretical lecturing hours (TLH)	13	39	Homework					
TLH self study	13	39	Project					
Quiz (Q)			Presentation					
Q preparation self study			Seminar					
Laboratory (L)			Tutorial					
L preparation work								
Midterm exam (ME)	1	2	Final exam (FE)	1	2			
ME preparation self study	1	28	FE preparation self study	1	28			
TOTAL :					138			
Recommended ECTS Credit (Total Hours / 25) :					5,5			



EUROPEAN UNIVERSITY OF LEFKE

Faculty of Engineering

SYLLABUS

2025-2026 Fall Semester

Course Code	Course Name	Course Name	Course Type	Weekly Course Hours			Credits	ECTS	Weekly Time Schedule
				T	A	L			
COMV121	PHYSICS I		Compulsory	3	0	0	3	6	Wednesday 09.00-12.00
Prerequisite			Prerequisite to						
Course Lecturer		Assist. Prof Dr Nemika CELLATOĞLU				Office Hours Schedule		TUESDAY 16.00-17.00	
E-mail		ncellatoglu@eul.edu.tr				Office / Room No		AS306	
Phone		3501				Phone			
Teaching Assistant						Office / Room No		3501	
Catalogue Descriptions		This course aims to introduce the fundamental concepts of physics necessary for engineering science and to provide essential background for engineering students. The course provides deep understanding about kinematics and dynamics of one dimensional, two dimensional, circular and rotational motion.							
Objectives		The main aim of this course is to introduce the fundamental concepts of motion necessary for engineering science and to provide essential background for engineering students.							
Learning Outcomes		On successful completion of this course, all students will have developed knowledge and understanding of: (1) an ability to translate, interpret and extrapolate important scientific models and laws governing classical mechanics, (2) an ability to demonstrate critical thinking and problem solving skills in the area of physics, (3) an ability to perform mathematical modeling of basic problems and establish their analytic solutions in field of classical mechanics, (4) an understanding of the connection of course material to real life applications.							
Programme Outcome Relations		PO1: 5 PO2: 1 PO3: 1 PO4: 1 PO5: 1 PO6: 1		PO7: 1 PO8: 1 PO9: 1 PO10: 1		(1) Strongly disagree; (2) Disagree; (3) Neither agree nor disagree; (4) Agree; (5) Strongly agree.			
Textbooks and/or References		1 Serway, Physics for Scientists and Engineers with Modern Physics, 9/e 2 Halliday and Resnick, Fundamentals of Physics 3 Sears and Freedman, University Physics, 10/e 4 Gettys, Keller and Skove, Physics: Classical and Modern							
WEEK	Date	TOPICS						Reference No - Section	
Week 1	24.09.2025	Introduction						Ref. 1 : 1.1,1.2,1.3,1.4,1.5,1.6	
Week 2	01.10.2025	Kinematics in One Dimension: Distance, displacement, average velocity, average acceleration, instan. Velocity and acceleration						Ref. 1 : 2.1, 2.2,2.3,2.4	
Week 3	08.10.2025	Kinematics in One Dimension with constant acceleration: , motion on x-axis and Properties of motion on y-axis						Ref. 1 : 2.5, 2.6, 2.7, 2.8	
Week 4	15.10.2025	Vectors: Unit Vector Representation and Mathematical Operations with Vectors						Ref. 1 : 3.1, 3.2, 3.3, 3.4	
Week 5	22.10.2025	Kinematics in Two Dimension: Properties of Projectile Motion						Ref. 1 : 4.1, 4.2, 4.3, 4.4, 4.5, 4.6	
Week 6	5.11.2025	Laws of Motion: First, Second and Third Law of Newton						Ref 1 : 5.1, 5.2, 5.3, 5.4, 5.5	
Week 7	12.10.2025	Applications of Newton's Laws						Ref 1 : 5.6, 5.7, 5.8	
Week 8	19.10.2025	Dynamics of Circular Motion							
Week 9	25.10-16.11.2025	Midterm(s)						Ref 1 : 6.1 , 6.2, 6.3, 6.4	
Week 10	26.11.2025	Work and Energy						Ref 1 : 7.1, 7.2, 7.3 7.4, 7.5, 7.6, 7.7, 7.	
Week 11	03.12.2025	Definition of Mechanical Energy, Potential Energy, Kinetic Energy and Conservation of Mechanical Energy						Ref 1:8.1, 8.2, 8.3, 8.4, 8.5	
Week 12	10.12.2025	Linear Momentum and Collisions: Definition of Linear Momentum, Conservation of Momentum in Collisions (Elastic, inelastic collisions)						Ref1: 9.1- 9.8	
Week 13	17.12.2025	Properties of Rotational Motion: Kinematics of Rotational Motion						Ref1 : 10.1-10.9	
Week 14	24.12.2025	Rotational Kinetic Energy, Torque and Angular Mometum						Ref1 :11.1- 11.4	
Week 15	31.12.2025	REVISION							
Week-16/17		FINALS							
Evaluation Tools	Evaluation Tool	Quantity	Date	Weight in Total (%)	Weight in Semester Evaluation (%)				
	Final Exam	1		40	40,0				
	Semester Evaluation			60					
	Midterm(s)	2		60	60,0				
	Quiz(zes)								
	Project(s)								
	Homework(s)								
	Laboratory work(s)								
Attendance									
*** Lifelong Learning Programme (LLP) ***			Language of Instruction:			English			
Evaluation Tool	Quantity	Student Workload Hours	Evaluation Tool	Quantity	Student Workload Hours				
Theoretical lecturing hours (TLH)	13	39	Homework						
TLH self study	13	52	Project						
Quiz (Q)	2	2	Presentation						
Q preparation self study	1	12	Seminar						
Laboratory (L)			Tutorial						
L preparation work									
Midterm exam (ME)	1	2	Final exam (FE)	1	2				
ME preparation self study	1	40	FE preparation self study	1	40				
				TOTAL :		189			
				Recommended ECTS Credit (Total Hours / 30) :		6,30			



EUROPEAN UNIVERSITY OF LEFKE

Environmental Protection and Control

SYLLABUS

2025-2026 Spring Semester

Course Code	Course Title	Course Type	Weekly Course Hours			Credits	ECTS	Weekly Time Schedule
			T	A	L			
ENPC202	Renewable Energy Resources	Compulsory	3	0	0	3	6	Friday 09.00-12.00 (AS005)
Prerequisite	Prerequisite to							
Course Lecturer	Assist. Prof Dr Nemika CELLATOĞLU					Office Hours Schedule	AS306	
E-mail	ncellatoglu@eul.edu.tr							
Phone	3501					Office / Room No		
Teaching Assistant						Phone		
E-mail						Office / Room No		
Catalogue Descriptions	Photovoltaics, Renewable Energy, Biomass, Wind power.							
Objectives	This course aims to teach students, renewable energy resources and methods of generating electrical and thermal energy from renewable energy resources such as solar, wind and biomass energy.							
Learning Outcomes	1- Understanding the necessity of renewable energy applications. 2- Understanding the solar energy potential as energy source and current solar energy technologies. 3- Understanding the wind energy potential as energy source and current wind energy technologies. 4- Understanding the biomass energy potential as energy source and current biomass energy technologies.							
Programme Outcome Relations	PO1: 1 PO2: 1 PO3: 1 PO4: 1 PO5: 5 PO6: 1	PO7: 1 PO8: 1 PO9: 1 PO10: 1	(1) Strongly disagree; (2) Disagree; (3) Neither agree nor disagree; (4) Agree; (5) Strongly agree.					
Textbooks and/or References	1	Understanding Renewable Energy Systems, Volker Quaschnig						
	2							
	3							
	4							
WEEK	Date	TOPICS						Reference No - Section
Week 1	02-06.02.2026	Energy, Climate Change and Renewable Energy Sources						Chapter 1
Week 2	09-13.02.2026	Solar Radiation_ The Sun as a Fusion Reactor , Solar Irradiance on the Surface of the Earth						Chapter 2
Week 3	16-20.02.2026	Solar Radiation_ Irradiance on a Horizontal Plane, Calculation of the Sun's Position.						Chapter 2
Week 4	23-27.02.2026	Solar Thermal Systems for Water Heating, Solar Collectors , Pipes.						Chapter 2
Week 5	02-06.03.2026	Thermal Storage, Heat Demand and Solar Fraction.						Chapter 2
Week 6	09-13.03.2026	Photovoltaics _ Operation of Solar Cells, Production of Solar Cells and Solar Modules , Electrical Description of Solar Cells						Chapter 2
Week 7	16-20.03.2026	Photovoltaics _ Electrical Description of Photovoltaic Modules, Solar Generator with Load						Chapter 2
Week 8	23-27.03.2026	Photovoltaics _ Electricity Storage, Inverters						Chapter 2
Week 9	30.03-03.04.2026	MIDTERM						Chapter 3
Week 10	06-10.04.2026	Wind Power_ Introduction , The Wind , Utilization of Wind Energy .						Chapter 3
Week 11	13-17.04.2026	Wind Power_ Wind Turbine Design, Electrical Machines.						Chapter 3
Week 12	20-24.04.2026	Wind Power_ Electrical System Concepts, Mains Operation						Chapter 3
Week 13	27.04-01.05.2026	Biomass _ Types of Biomass and Conversion Technologies						Chapter 4
Week 14	04-08.05.2026	Biomass _ Energy Carriers of Biomass						Chapter 4
Week 15	11-15.05.2026	Revision						
Week 16	18-22.05.2026	FINAL						
Evaluation Tools	Evaluation Tool	Quantity	Date	Weight in Total (%)	Weight in Semester Evaluation (%)			
	Final Exam	1		50	50,0			
	Semester Evaluation			50				
	Midterm(s)	1		30				
	Quiz(zes)							
	Project(s)							
	Homework(s)	1		20				
	Laboratory work(s)							
Attendance								
*** Lifelong Learning Programme (LLP) ***			Language of Instruction:			English		
Evaluation Tool	Quantity	Student Workload Hours	Evaluation Tool	Quantity	Student Workload Hours			
Theoretical lecturing hours (TLH)	13	39	Homework					
TLH self study	13	50	Project					
Quiz (Q)			Presentation					
Q preparation self study			Seminar					
Laboratory (L)			Tutorial					
L preparation work								
Midterm exam (ME)	2	4	Final exam (FE)	1	1,5			
ME preparation self study	1	36	FE preparation self study	1	36			
TOTAL :								166,5
Recommended ECTS Credit (Total Hours / 30) :								5,55



SYLLABUS

2025-2026 Spring Semester

Course Code	Course Title	Course Type	Weekly Course Hours			Credits	ECTS	Weekly Time Schedule
			T	A	L			
ENPC101	Environment and Sustainable Development	Compulsory	3	0	0	3	4	Fridays 15.00-17.50 (ORTAAMFI)
Prerequisite		Prerequisite to						
Course Lecturer	Asst. Prof. Dr. Semih OĞUZCAN					Office Hours Schedule	Monday 10.00-11.50 /Tuesday 13.00-14.50 /Friday 14.00-14.50	
E-mail	soguzcan@eul.edu.tr						Office / Room No	AS310
Phone						Phone		
Teaching Assistant							Office / Room No	
E-mail								
Catalogue Descriptions	Ecology and sustainability, biodiversity, urbanization, ecological succession, climate and biodiversity, sustaining biodiversity, sustaining resources and environmental quality: food production, water resources and pollution, mineral sources, energy sources, environmental hazards and human health, air pollution, ozone depletion, climate change, solid and hazardous wastes							
Objectives	The purpose of this course is to give brief information about nature and environment along with sustainability concept. Help students gain awareness about environmental problems. It is aimed to inform students about daily practices that will lead to a more sustainable living.							
Learning Outcomes	On successful completion of the course, the student will be able to: (1) recognize the Sustainable Development Goals (SDGs) and establish their connections with environmental policies. (2) analyze the social and economic impacts of environmental issues (such as climate change, water pollution, and waste management). (3) integrate sustainability principles into projects at both local and global levels, as well as into everyday practices. (4) critically evaluate environmental management and sustainable development policies and develop recommendations for their improvement.							
Programme Outcome Relations	PO1: 1 PO2: 1 PO3: 3 PO4: 3 PO5: 3 PO6: 1		PO7: 1 PO8: 4 PO9: 1 PO10: 4		UN goals: Goal 5: 5 Goal 6: 5 Goal 7: 5 Goal 11: 5 Goal 13: 5 Goal 14: 5 Goal 15: 5		(1) Strongly disagree; (2) Disagree; (3) Neither agree nor disagree; (4) Agree; (5) Strongly agree.	
Textbooks and/or References	1	G. Tyler Miller, Scott Spoolman, «Environmental Science», 15th Edition, Cengage Learning, 2016 (Textbook)						
	2	Jefferson W. Tester, Elisabeth M. Drake, Michael J. Driscoll, Michael W. Golay, and William A. Peters, «Sustainable Energy Choosing Among Options», 2nd Edition, MIT Press, 2012 . (Reference)						
WEEK	Date	TOPICS					Reference No - Section	
Week 1	06/02/2026	Introduction: environmental problems and sustainability, matter, energy and systems					1: 1, 2	
Week 2	13/02/2026	Ecosystems					1: 3	
Week 3	20/02/2026	Biodiversity					1: 4, 5	
Week 4	27/02/2026	The human population and urbanization					1: 6	
Week 5	06/03/2026	Climate change and biodiversity					1: 7	
Week 6	13/03/2026	Sustaining biodiversity					1: 8, 9	
Week 7/8/9/10	14-17/03-04/2026	Midterms						
Week 11	17/04/2026	Food production and environment					1: 10	
Week 12	24/04/2026	Water resources and water pollution					1: 11	
Week 13	tdb	Nonrenewable mineral resources					1: 12	
Week 14	08/05/2026	Energy resources & Environmental hazards and human health					1: 13 & 1: 14	
Week 15	15/05/2026	Air pollution, climate change and ozone depletion & Solid and hazardous waste					1: 15 & 1: 16	
Week 16/17	16-25/05/2026	Final Exam						
Evaluation Tools	Evaluation Tool	Quantity	Date		Weight in Total (%)	Weight in Semester Evaluation (%)		
	Final Exam	1	16-25/05/2026		60			
	Semester Evaluation					40		
	Midterm(s)	1	14-12/03-04/2026		35	70,0		
	Quiz(zes)							
	Project(s)	1	30/04/2026		5	8,3		
	Homework(s)							
	Laboratory works							
Attendance								
*** Lifelong Learning Programme (LLP) ***			Language of Instruction:			English		
Evaluation Tool	Quantity	Student Workload Hours	Evaluation Tool	Quantity	Student Workload Hours			
Theoretical lecturing hours (TLH)	13	39	Homework					
TLH self study	13	52	Project	1	6			
Quiz (Q)			Presentation					
Q preparation self study			Seminar					
Laboratory (L)								
L preparation work								
Midterm exam (ME)	1	2	Final exam (FE)	1	2			
ME preparation self study	1	10	FE preparation self study	1	10			
TOTAL :					121			
Recommended ECTS Credit (Total Hours / 30) :					4			



EUROPEAN UNIVERSITY OF LEFKE- Faculty of Engineering

Environmental Protection and Control

SYLLABUS

2025-2026 Spring Semester

Course Code	Course Name	Course Type	Weekly Course			Credits	ECTS	Weekly Time Schedule
			T	A	L			
ENPC102	Environmental Chemistry I		3	0	0	3	7	TUESDAY 14:00-16:50 AS111
Prerequisite		Prerequisite to						
Course Lecturer	Asst. Prof. Dr. Devrim ÖZDAL					Office Hours Schedule	Thursday 10.00-11.00	
E-mail	devrimozdal@eul.edu.tr					Office / Room No	AS307	
Phone	2516					Phone	-	
Teaching Assistant(s)	-					Office / Room No	-	
E-mail	-							
Catalogue Descriptions	pH, Turbidity, Water quality, water and wastewater quality parameters, alkalinity, acidity, chlorine, fluoride, acid and bases, hardness							
Objectives	Environmental Chemistry is an application of chemical principles to the study of the environment. It includes natural processes and pollution problems related to air, water, and soil. This course outlines with the chemistry and analysis of water and wastewater quality parameters, organic-inorganic pollutants, basis of treatment methods.							
Learning Outcomes	LO1: Apply chemical analysis techniques for water quality parameters, LO2: Comment on the water quality analysis results based on national and international standards, LO3: Use general chemistry knowledge in the field of environmental chemistry, LO4: Identify and evaluate the relative importance of various reactions, physical processes and transport mechanisms affecting different chemicals in the environment, LO5: an understanding the chemistry of air, water, and toxic organic compounds as well as how anthropogenic activities affect this chemistry on planet Earth.							
Program Outcome Relations	PO1: 3 PO2: 5 PO3: 1 PO4: 1 PO5: 1 PO6: 1	PO7: 1 PO8: 1 PO9: 1 PO10: 1						(1) Strongly disagree; (2) Disagree; (3) Neither agree nor disagree; (4) Agree; (5) Strongly agree.
Textbooks and/or References	1 Environmental Chemistry, John Wright; Taylor and Francis Group, ISBN 0-203-41432-2 (Adobe eReader Format), 2003. 2							
WEEK	Date	TOPICS						Reference No - Section
Week 1	02-06.02.2026	Introduction and General Definitions						Ref. 1
Week 2	09-13.02.2026	Types of water, water quality standarts, drinking water standarts						Ref. 1
Week 3	16-20.02.2026	Colorimetry and Color						Ref. 1
Week 4	23-27.02.2026	Turbidity						Ref. 1
Week 5	02-06.03.2026	Unit Concentrations, Sampling and Techniques						Ref. 1
Week 6	09-13.03.2026	pH: General Definitions, acid and bases						Ref. 1
Week 7	16-20.03.2026	Solids						Ref. 1
Week 8	23-27.03.2026	RELIGION HOLIDAY						Ref. 1
Week 9	30.03.2026	Chloride						Ref. 1
Week 10	06-10.04.2026	MIDTERM EXAM WEEK						Ref. 1
Week 11	13-17.04.2026	Fluoride						Ref. 1
Week 12	20-24.04.2026	Acidity						Ref. 1
Week 13	27.04.2026	Alkalinity						Ref. 1
Week 14	04-08.05.2026	Hardness						Ref. 1
Week 15	11-15.05.2026	Review						Ref. 1
Week 16	18-22.05.2026	FINAL EXAM WEEK						
Evaluation Tools	Evaluation Tool	Quantity	Date	Weight in Total (%)	Weight in Semester Evaluation (%)			
	Final Exam	1	23.05-02.06.2025	50				
	Semester Evaluation			50				
	Midterm Exam	1	12-20.04.2025	50	100,0			
	Quiz(zes)	0		0	0,0			
	Project(s)	0		0	0,0			
	Homework	0		0	0,0			
	Laboratory	0		0	0,0			
Report Writing	0		0	0,0				
*** Lifelong Learning Programme (LLP) ***						Language of Instruction:	English	
Evaluation Tool	Quantity	Student Workload Hours		Evaluation Tool	Quantity	Student Workload Hours		
Theoretical Hours	13x3	39,0		Applied Hours				
Midterm	1	44,0		Final	1	44,0		
Quiz				Project				
Laboratory				Homework				
Atelier				Seminar				
Field Study				Presentation				
Report Writing				Self Study	13x3	39,0		
TOTAL :							166,0	
Recommended ECTS Credit (Total Hours / 25) :							6,6	



EUROPEAN UNIVERSITY OF LEFKE

SYLLABUS

2025-2026 Fall Semester

Course Code	Course Title	Course Type	Weekly Course Hours			Credits	ECTS	Weekly Time Schedule	
			T	A	L				
ENPC104	Ecology	Required	3	0	0	0	6	Thursdays 09.00-11.50	
Prerequisite	Prerequisite to								
Course Lecturer	Dr. Semih OĞUZCAN					Office Hours Schedule	Thursday @ 13.00-16.00		
E-mail	soguzcan@eul.edu.tr					Office / Room No	AS-304		
Phone						Phone			
Teaching Assistant						Office / Room No			
E-mail						Phone			
Catalogue Descriptions	Matter, Energy and Systems, Ecosystems, Biodiversity, Species interactions, Population control mechanisms, Human impact on ecosystems, Terrestrial biodiversity, Aquatic biodiversity								
Objectives	The purpose of this course is to give brief information about the ecosystems and their function. Help students gain awareness about the causes and mechanisms of ecological problems. It is aimed to inform students about the general topics that ecologists deal with.								
Learning Outcomes	On successful completion of the course, the student will be able to: (1) understand the basic ecological principles (2) understand the importance of biodiversity (3) understand the progression of ecological systems (4) understand ecological sustainability								
Programme Outcome Relations	PO1: 1 PO2: 1 PO3: 5 PO4: 1 PO5: 1 PO6: 1		PO7: 1 PO8: 1 PO9: 1 PO10: 1			(1) Strongly disagree; (2) Disagree; (3) Neither agree nor disagree; (4) Agree; (5) Strongly agree.			
Textbooks and/or References	1 G. Tyler Miller, Jr. and Scott E. Spoolman, Essentials of Ecology, 5th edition, 2009 2 Hans Ulrik Riisgard, General Ecology: Outline of contemporary ecology for university students 2nd edition, 2018 3 Pranav Kumar & Usha Mina, Fundamentals of Ecology and Environment, 3rd Edition, 2021								
WEEK	Date	TOPICS						Reference No - Section	
Week 1	22-26.09.2025	Introduction						1	
Week 2	29.09.2025	Matter, Energy and Systems						1: 2	
Week 3	06-10.10.2025	Matter, Energy and Systems						1: 2	
Week 4	13-17.10.2025	Ecosystems						1: 3	
Week 5	20-24.10.2025	Biodiversity						1: 4	
Week 6	27-31.10.2025	Review							
Week 7	03-07.11.2025	MIDTERM week							
Week 8	10-14.11.2025	Species interactions and Population control						1: 5	
Week 9	17-21.11.2025	Human population and its impact						1: 6	
Week 10	24-28.11.2025	Climate and Terrestrial Biodiversity						1: 7	
Week 11	01-05.12.2025	Sustaining Biodiversity						1: 9	
Week 12	08-12.12.2025	Sustaining terrestrial biodiversity						1: 10	
Week 13	15-19.12.2025	Sustaining aquatic biodiversity						1: 8,11	
Week 14	22-26.12.2025	Sustaining aquatic biodiversity							
Week 15	29-31.12.2025	Review							
Week 16	05.09.01.2026	Final Exam Week							
Evaluation Tools	Evaluation Tool	Quantity	Date	Weight in Total (%)	Weight in Semester Evaluation (%)				
	Final Exam	1	07-20/01/2023	50	50,0				
	Semester Evaluation				50				
	Midterm(s)	1	14-26/11/2022	50	50,0				
	Quiz(ze)s								
	Project(s)								
	Homework(s)								
	Laboratory works								
Attendance									
*** Lifelong Learning Programme (LLP) ***			Language of Instruction:			English			
Evaluation Tool	Quantity	Student Workload Hours	Evaluation Tool	Quantity	Student Workload Hours				
Theoretical lecturing hours (TLH)	13	39	Homework						
TLH self study	13	52	Project						
Quiz (Q)			Presentation						
Q preparation self study			Seminar						
Laboratory (L)									
L preparation work									
Midterm exam (ME)	1	1	Final exam (FE)	1	1				
ME preparation self study	1	45	FE preparation self study	1	45				
TOTAL :					183				
Recommended ECTS Credit (Total Hours / 30) :					6				

EUROPEAN UNIVERSITY OF LEFKE - FACULTY OF ENGINEERING



"ENVIRONMENTAL PROTECTION AND CONTROL"

SYLLABUS

2025-2026 Fall Semester

Course Code	Course Name	Course Type	Weekly Course Hours			Credits	ECTS	Weekly Time Schedule	
			T	A	L				
ENPC201	Solid Waste Management	Elective	3	0	0	3	5	Fridays 09:00-11:50	
Prerequisite	Prerequisite to								
Course Lecturer	Asst. Prof. Dr. Semih OĞUZCAN					Office Hours Schedule	Mondays 10.00-11.50		
E-mail	soguzcan@eul.edu.tr						Office / Room No	AS310	
Phone						Phone			
Teaching Assistant(s)							Office / Room No		
E-mail									
Catalogue Descriptions	This course covers, different type of solid wastes and their management techniques. 4R principles, solid waste recycling, incineration, composting, aerobic/anaerobic oxidation, landfilling. Matter and energy recovery from solid wastes.								
Course Objectives	The purpose of this course is to make students gain an understanding on solid waste management technologies ; different solid waste treatment technologies along with waste prevention strategies and selection of optimum combination for solid waste technologies.								
Learning Outcomes	On successful completion of the course, the student should have gained: LO1-Öğrenciler, katı atık türlerini (evsel, endüstriyel, tehlikeli vb.) tanımlayabilecek ve yönetim süreçlerini açıklayabilecektir. LO2-Öğrenciler, katı atık yönetimi ile ilgili ulusal ve uluslararası mevzuatı özetleyebilecek ve uygulama örneklerini tartışabileceklerdir. LO3-Öğrenciler, katı atıkların toplanması, taşınması, geri dönüşümü ve bertarafına yönelik yöntemleri karşılaştırabilecek ve uygun teknikleri seçebileceklerdir. LO4-Öğrenciler, farklı katı atık yönetim sistemlerinin çevresel, ekonomik ve sosyal etkilerini analiz edebileceklerdir. LO5-Öğrenciler, katı atık yönetiminin sürdürülebilir kalkınma hedefleriyle ilişkisini kurabilecek ve atık azaltma stratejileri geliştirebilecektir.								
Programme Outcome Relations	PO1: 1 PO2: 1 PO3: 1 PO4: 5 PO5: 1 PO6: 3	PO7: 1 PO8: 1 PO9: 1 PO10: 1 PO11: 1	(1) Strongly disagree; (2) Disagree; (3) Neither agree nor disagree; (4) Agree; (5) Strongly agree.						
Textbooks and/or References	1 G.Tyler Miller, Scott Spoolman "Environmental Science",15th edition Cengage, 2016 2 THOMAS H. CHRISTENSEN "Solid Waste Technology & Management", Wiley, 2010 3 Recent publications which are related with solid waste management. 4 ILCD Handbook, General guide for Life Cycle Assessment (2010)								
WEEK	Date	TOPICS					Reference No - Section		
Week 1	26/09/2025	Introduction to waste management and waste engineering					2- 1.1-1.4, 3		
Week 2	03/10/2025	Waste generation and characterization					2- 2.1-2.5, 3		
Week 3	10/10/2025	Life Cycle Assessment of Waste Management Systems					2-3.1-3.3, 4		
Week 4	17/10/2025	Waste minimization					2-4.1-4.2, 3		
Week 5	24/10/2025	Material recycling					2-5.1-5.5, 3		
Week 6	31/10/2025	Collection					2-6.1-6.4		
Week 7	07/11/2025	Review					-		
Week 8	08-16/11/2025	Mid-term Exam					-		
Week 9	21/11/2025	Mechanical treatment					2-7.1-7.2		
Week 10	28/11/2025	Thermal treatment					2-8.1-8.8		
Week 11	05/12/2025	Biological treatment					2-9.1-9.10		
Week 12	12/12/2025	Landfilling					2-10.1-10.14		
Week 13	19/12/2025	Special and hazardous waste					2-11.1-11.5		
Week 14	26/12/2025	Review					-		
Week 15	03-11/01/2026	Final Exam					-		
Evaluation Tools	Evaluation Tool	Quantity	Date	Weight in Total (%)	Weight in Semester Evaluation (%)				
	Final Exam / Homework	1	03-11/01/2026	60					
	Semester Evaluation			40					
	Mid-term Exam	1	08-16/11/2025	40	100				
	Quiz(zes)	0		0	0				
	Project(s) - Presentation	0		0	0				
	Homework(s)	0		0	0				
	Laboratory	0		0	0				
	Attendance	0		0	0				
*** Lifelong Learning Programme (LLP) ***			Language of Instruction:		English				
Evaluation Tool	Quantity	Student Workload Hours			Evaluation Tool	Quantity	Student Workload Hours		
Theoretical Hours	13	39,0			Applied Hours				
Midterm	1	45,0			Final	1	55,0		
Quiz					Project				
Laboratory					Homework				
Atelier					Seminar				
Field Study					Presentation				
Other					Self Study				
TOTAL :							139,0		
Recommended ECTS Credit (Total Hours / 30) : 5									

EUROPEAN UNIVERSITY OF LEFKE- Faculty of Engineering								
Environmental Protection and Control								
SYLLABUS								
2025-2026 Fall Semester								
Course Code	Course Name	Course Type	Weekly Course			Credits	ECTS	Weekly Time Schedule
ENPC203	ENVIRONMENTAL ENGINEERING II		T	A	L	3	6	MONDAY 09.00-11.50 (AS006)
Prerequisite	Prerequisite to							
Course Lecturer	Asst. Prof. Dr. Devrim ÖZDAL				Office Hours Schedule	TUESDAY 14.00-15.00		
E-mail	devrimozdal@eul.edu.tr				Office / Room No	AS307		
Phone	2516				Phone	-		
Teaching Assistant(s)	-				Office / Room No	-		
E-mail	-							
Catalogue Descriptions	Wastewater, wastewater characteristic, dissolved oxygen, BOD, COD, Nitrogen, Phosphorus, Sulfate, soil chemistry.							
Objectives	This course is designed to allow students to make connections between chemistry and the social and industrial worlds it is an integral part of. The lectures have the four main themes; elements, the chemical composition and processes occurring in our environment, pollution and remediation strategies and toxicology.							
Learning Outcomes	LO1: To provide knowledge on methods for the determination of pollution parameters, LO2: Identify factors that control the speciation of chemicals in different environments, LO3: Identify primary and secondary pollutants, LO4: Identify the various types of biological and chemical water pollutants and explain their effects.							
Program Outcome Relations	PO1: 3 PO2: 5 PO3: 1 PO4: 1 PO5: 1	PO6: 1 PO7: 1 PO8: 1 PO9: 1 PO10: 1	(1) Strongly disagree; (2) Disagree; (3) Neither agree nor disagree; (4) Agree; (5) Strongly agree.					
Textbooks and/or References	1 Clair N. Sawyer, Perry L. McCarty, Gene F. Parkin, Chemistry for Environmental Engineering and Science, 5th Edition McGrawHill, 2003 2 Stanley Manahan, Environmental Chemistry, 11th edition, CRC Press, 2022 3 Gary W. vanLoon, Stephen J Duffy, Environmental Chemistry a Global Perspective, 4th edition, Oxford University Press, 2017							
WEEK	Date	TOPICS					Reference No - Section	
Week 1		Introduction and General Definitions					Ref. 1	
Week 2		Wastewater Characteristics					Ref. 1	
Week 3		Dissolved Oxygen (DO)					Ref. 1	
Week 4		Biochemical Oxygen Demand (BOD)					Ref. 1	
Week 5		Chemical Oxygen Demand (COD)					Ref. 1	
Week 6		Differences and Similarities Between BOD and COD					Ref. 1	
Week 7		Nitrogen					Ref. 1	
Week 8		MIDTERM EXAM WEEK					Ref. 1	
Week 9		Phosphorus					Ref. 1	
Week 10		Sulfate					Ref. 1	
Week 11		Iron and Manganese					Ref. 1	
Week 12		Oil and Grease					Ref. 1	
Week 13		Gas Analysis					Ref. 1	
Week 14		Soil Chemistry					Ref. 1	
Week 15		Revision Week					All	
Week 16&17		FINAL EXAM WEEK						
Evaluation Tools	Evaluation Tool	Quantity	Date	Weight in Total (%)	Weight in Semester Evaluation (%)			
	Final Exam	1	10-19.01.2025	50				
	Semester Evaluation			50				
	Midterm Exam	1	16-24.11.2024	50	100,0			
	Quiz(zes)	0		0	0,0			
	Project(s)	0		0	0,0			
	Homework	0		0	0,0			
	Laboratory	0		0	0,0			
Report Writing	0		0	0,0				
*** Lifelong Learning Programme (LLP) ***				Language of Instruction:	English			
Evaluation Tool	Quantity	Student Workload Hours		Evaluation Tool	Quantity	Student Workload Hours		
Theoretical Hours	14	42,0		Applied Hours				
Midterm	1	36,0		Final	1	40,0		
Quiz				Project				
Laboratory	0	0,0		Homework				
Atelier				Seminar				
Field Study				Presentation				
Report Writing	0	0,0		Self Study	14	42,0		
TOTAL :					160,0			
Recommended ECTS Credit (Total Hours / 25) :						6,4		



EUROPEAN UNIVERSITY OF LEFKE

SYLLABUS

2025-2026 Spring Semester

Course Code	Course Title	Course Type	Weekly Course Hours			Credits	ECTS	Weekly Time Schedule
			T	A	L			
ENPC204	Environmental Engineering Process Chemistry	Compulsory	2	0	2	3	6	Friday 14:00-17:00
Prerequisite		Prerequisite to						
Course Lecturer	Asst. Prof. Dr. Saltuk Pirgalioglu					Office Hours Schedule	you can reach on MS Teams Chat any time	
E-mail	spirgalioglu@eul.edu.tr							
Phone						Office / Room No	AS307	
Teaching Assistant						Phone		
E-mail						Office / Room No		
Catalogue Descriptions	Calculations related with environmental chemistry; concentration units, hardness calculations, acidity/alkalinity, chemical equilibrium, principles of energy and material balance and application of material balance on environmental engineering unit operations, basic thermodynamic concepts and design equations of ideal reactors (batch, continuously stirred reactor and plug flow reactor are covered during the lecture							
Objectives	The main purpose of this course is to introduce basic calculations regarding chemical reactions and properties in environmental engineering and to introduce basic principles of material and energy balance on environmental engineering applications							
Learning Outcomes	On successful completion of the course, students should have gained: (1) an ability to carry out calculations on concentration units (2) knowledge on basics of chemical equilibrium (3) an ability to set up material balance and solve on chemical engineering unit processes (4) ability to differentiate difference between different ideal reactor types and solve material balance with reactor systems							
Programme Outcome Relations	PO1: 1 PO2: 1 PO3: 1 PO4: 1 PO5: 1 PO6: 1	PO7: 1 PO8: 1 PO9: 1 PO10: 5						(1) Strongly disagree; (2) Disagree; (3) Neither agree nor disagree; (4) Agree; (5) Strongly agree.
Textbooks and/or References	1	Henry V. Mott, Environmental Process Analysis, Wiley, 2014						
	2	Susan J Masten, Mackenzie L Davis, Principles of Environmental Engineering and Science, 4th Edition, Mc Graw Hill, 2020						
	3	Metcalf and Eddy- AECOM, Wastewater Engineering Treatment and Resource Recovery						
	4							
WEEK	Date	TOPICS					Reference No - Section	
Week 1	02-06.02.2026	Concentration Units for Gases, Liquids and Solids					1-Chapter 3	
Week 2	09-13.02.2026	The Law of Mass Action and Chemical Equilibria					1-Chapter 4	
Week 3	16-20.02.2026	Air Water Distribution: Henry's Law					1- 5.1, 5.2	
Week 4	23-27.02.2026	Acid/Base Component Distribution					1- 5.3	
Week 5	02-06.03.2026	Acid/Base Component Distribution					1-6.1-6.5	
Week 6	09-13.03.2026	Acidity-Alkalinity Calculations					1-6.6	
Week 7	16-20.03.2026	Materials Balance - Fundamentals					2-4.1-4.3	
Week 8	23-27.03.2026	Materials Balance - More Complex Systems					2-4.3	
Week 9	30.03-02.04.2026	Review						
Week 10	06-10.04.2026	MIDTERM						
Week 11	13-17.04.2026	Material Balance on Reactors					3-1.6-1.8	
Week 12	20-24.04.2026	Ideal Reactors and Process Kinetics					3-1.9, 1.10	
Week 13	27.04-01.05.2026	Modelling of Batch, CMR and PFR					3-1.11	
Week 14	04-08.05.2026	Modelling of Batch, CMR and PFR						
Week 15	11-15.05.2026	Review						
Week 16	18-22.05.2026	Finals						
Evaluation Tools	Evaluation Tool	Quantity	Date		Weight in Total (%)	Weight in Semester Evaluation (%)		
	Final Exam	1	6/1/2024-6/12/2024		40			
	Semester Evaluation					60		
	Midterm(s)	2			60	100,0		
	Quiz(zes)							
	Project(s)							
	Homework(s)							
	Laboratory works							
Attendance								
*** Lifelong Learning Programme (LLP) ***			Language of Instruction:			English		
Evaluation Tool	Quantity	Student Workload Hours	Evaluation Tool	Quantity	Student Workload Hours			
Theoretical lecturing hours (TLH)	13	39	Homework					
TLH self study	13	52	Project					
Quiz (Q)			Presentation					
Q preparation self study			Seminar					
Laboratory (L)			Tutorial					
L preparation work								

Midterm exam (ME)	2	4	Final exam (FE)	1	2
ME preparation self study	2	40	FE preparation self study	1	32
TOTAL :					169
Recommended ECTS Credit (Total Hours / 30) :					5,6



SYLLABUS

2025-2026 Spring Semester

Course Code	Course Title	Course Type	Weekly Course Hours			Credits	ECTS	Weekly Time Schedule
			T	A	L			
ENPC206	Hydrology	Required	3	0	0	3	6	Thursdays 09.00-11.50
Prerequisite		Prerequisite to						
Course Lecturer	Asst. Prof. Dr. Semih OĞUZCAN					Office Hours Schedule	Thursdays @ 13.00-15.50	
E-mail	soguzcan@eul.edu.tr							
Phone						Office / Room No	AS-304	
Teaching Assistant						Phone		
E-mail						Office / Room No		
Catalogue Descriptions	Hydrological cycle, precipitation, evaporation, storage and runoff of water, streamflow, groundwater flow, well hydraulics, water pollution, water resource management							
Objectives	The purpose of this course is to give brief information about the hydrological processes and relevant modelling approaches. It is aimed to inform students about the general topics that hydrologists deal with.							
Learning Outcomes	On successful completion of the course, the student will be able to: (1) understand the basic hydrological principles (2) understand the basic models describing hydrological phenomena (3) understand the investigations of groundwater resources (4) understand the importance of water pollution and management							
Programme Outcome Relations	PO1: 5 PO2: 1 PO3: 4 PO4: 1 PO5: 1 PO6: 1		PO7: 1 PO8: 1 PO9: 5 PO10: 1		(1) Strongly disagree; (2) Disagree; (3) Neither agree nor disagree; (4) Agree; (5) Strongly agree.			
Textbooks and/or References	1	Fundamentals of Hydrology, by Routledge Fundamentals of Physical Geography series, Tim Davie, 2nd Edition, 2008						
	2	Groundwater Hydrology, 3rd Edition, David K. Todd & Larry W. Mays, 2005						
	3	Other relevant scientific literature						
WEEK	Date	TOPICS					Reference No - Section	
Week 1	02-06.02.2026	Introduction					1:1	
Week 2	09-13.02.2026	Precipitation					1:2	
Week 3	16-20.02.2026	Evaporation					1:3	
Week 4	23-27.02.2026	Storage					1:4	
Week 5	02-06.03.2026	Runoff					1:5	
Week 6	09-13.03.2026	Review						
Week 7	16-20.03.2026	MIDTERM week						
Week 8	23-27.03.2026	Streamflow Analysis and Modelling					1:6	
Week 9	30.03-03.04.2026	Groundwater movement					2:2,3	
Week 10	06-10.04.2026	Groundwater and well hydraulics					2:4	
Week 11	13-17.04.2026	Investigations of groundwater					2:11,12	
Week 12	20-24.04.2026	Water pollution and quality					1:7;2:14	
Week 13	27.04-01.05.2026	Water resource management in a changing world					1:8	
Week 14	04-08.05.2026	Water resource management in a changing world						
Week 15	11-15.05.2026	Review						
Week 16	18-22.05.2026	Final Exam Week						
Evaluation Tools	Evaluation Tool	Quantity	Date	Weight in Total (%)	Weight in Semester Evaluation (%)			
	Final Exam	1	18-22.05.2026	50	50,0			
	Semester Evaluation				50			
	Midterm(s)	1	16-20.03.2026	50	50,0			
	Quiz(zes)							
	Project(s)							
	Homework(s)							
Laboratory works								
Attendance								
*** Lifelong Learning Programme (LLP) ***			Language of Instruction:			English		
Evaluation Tool	Quantity	Student Workload Hours	Evaluation Tool	Quantity	Student Workload Hours			
Theoretical lecturing hours (TLH)	13	39	Homework					
TLH self study	13	52	Project					
Quiz (Q)			Presentation					
Q preparation self study			Seminar					
Laboratory (L)								
L preparation work								
Midterm exam (ME)	1	1	Final exam (FE)	1	1			
ME preparation self study	1	40	FE preparation self study	1	40			
TOTAL :					173			
Recommended ECTS Credit (Total Hours / 30) :					6			



SYLLABUS

2025-2026 Spring Semester

Course Code	Course Title	Course Type	Weekly Course Hours			Credits	ECTS	Weekly Time Schedule
			T	A	L			
ENPC208	Recycling Techniques	Required	3	0	0	3	6	Thursdays 09.00-11.50
Prerequisite	Prerequisite to							
Course Lecturer	Asst. Prof. Dr. Semih OĞUZCAN					Office Hours Schedule	Thursdays @ 13.00-15.50	
E-mail	soguzcan@eul.edu.tr							
Phone						Office / Room No	AS-304	
Teaching Assistant						Phone		
E-mail						Office / Room No		
Catalogue Descriptions	This course provides an introduction to the principles and practices of recycling and waste management. It covers the environmental and economic importance of recycling, the processes involved in recycling different materials such as metals, plastics, glass, and paper, and modern recycling technologies. Students will examine energy consumption, cost, and environmental impacts of recycling methods, and explore the relationship between recycling and sustainable development goals (SDGs). The course also includes practical applications where students design simple recycling solutions.							
Objectives	By the end of this course, students will be able to: Explain the environmental and economic importance of recycling, identify and describe different recycling methods and processes, compare recycling techniques for various materials such as metal, plastic, glass, and paper, and modern recycling systems in terms of energy consumption, cost, and environmental impact. Design a simple recycling process or application for waste reuse. Evaluate the role of recycling in achieving sustainable development goals (SDGs).							
Learning Outcomes	LO1 Students will be able to explain the environmental and economic importance of recycling and describe different recycling methods. LO2 Students will be able to compare the recycling processes of different materials such as metal, plastic, glass, and paper, and select appropriate techniques. LO3 Students will be able to design a simple application for the reuse of waste by planning a recycling process step by step. LO4 Students will be able to evaluate the advantages and disadvantages of recycling techniques in terms of energy consumption, cost, and environmental impact. LO5 Students will be able to relate recycling to sustainable development goals and discuss its societal benefits.							
Programme Outcome Relations	PO1: 1 PO2: 1 PO3: 1 PO4: 5 PO5: 1 PO6: 1		PO7: 1 PO8: 1 PO9: 1 PO10: 1		(1) Strongly disagree; (2) Disagree; (3) Neither agree nor disagree; (4) Agree; (5) Strongly agree.			
Textbooks and/or References	1 Fundamentals of Hydrology, by Routledge Fundamentals of Physical Geography series, Tim Davie, 2nd Edition, 2008 2 Groundwater Hydrology, 3rd Edition, David K. Todd & Larry W. Mays, 2005 3 Other relevant scientific literature							
WEEK	Date	TOPICS					Reference No - Section	
Week 1	02-06.02.2026	Introduction to Recycling					1:1	
Week 2	09-13.02.2026	Importance of Recycling					1:2	
Week 3	16-20.02.2026	Waste Management Systems					1:3	
Week 4	23-27.02.2026	Metal Recycling					1:4	
Week 5	02-06.03.2026	Plastic Recycling					1:5	
Week 6	09-13.03.2026	Review						
Week 7	16-20.03.2026	MIDTERM week						
Week 8	23-27.03.2026	Glass and Paper Recycling					1:6	
Week 9	30.03-03.04.2026	Organic Waste and Composting					2:2,3	
Week 10	06-10.04.2026	Recycling Technologies					2:4	
Week 11	13-17.04.2026	Energy and Environmental Impacts					2:11,12	
Week 12	20-24.04.2026	Economic Evaluation of Recycling					1:7;2:14	
Week 13	27.04-01.05.2026	Recycling and Sustainable Development Goals (SDGs)					1:8	
Week 14	04-08.05.2026	Project Presentation and General Evaluation						
Week 15	11-15.05.2026	Review						
Week 16	18-22.05.2026	Final Exam Week						
Evaluation Tools	Evaluation Tool	Quantity	Date	Weight in Total (%)	Weight in Semester Evaluation (%)			
	Final Exam	1	18-22.05.2026	50	50,0			
	Semester Evaluation			50				
	Midterm(s)	1	16-20.03.2026	50	50,0			
	Quiz(ze)s							
	Project(s)							
	Homework(s)							
	Laboratory works							
Attendance								
*** Lifelong Learning Programme (LLP) ***			Language of Instruction:		English			
Evaluation Tool	Quantity	Student Workload Hours	Evaluation Tool	Quantity	Student Workload Hours			
Theoretical lecturing hours (TLH)	13	39	Homework					
TLH self study	13	52	Project					
Quiz (Q)			Presentation					
Q preparation self study			Seminar					
Laboratory (L)								
L preparation work								
Midterm exam (ME)	1	1	Final exam (FE)	1	1			
ME preparation self study	1	40	FE preparation self study	1	40			
TOTAL :					173			
Recommended ECTS Credit (Total Hours / 30) :					6			



EUROPEAN UNIVERSITY OF LEFKE- Faculty of Engineering

Environmental Protection and Control

SYLLABUS

2025-2026 Spring Semester

Course Code	Course Name	Course Type	Weekly Course			Credits	ECTS	Weekly Time Schedule	
			T	A	L				
ENPC210	Environmental Law		3	0	0	3	6	THURSDAY 14:00-16:50 AS111	
Prerequisite		Prerequisite to							
Course Lecturer	Lecturer Mehmet BURHAN					Office Hours Schedule	Thursday 10.00-11.00		
E-mail	mburhan@eul.edu.tr					Office / Room No	AS307		
Phone	2515					Phone	-		
Teaching Assistant(s)	-					Office / Room No	-		
E-mail	-								
Catalogue Descriptions									
Objectives	This course aims to provide students with a comprehensive understanding of the fundamental principles, legal frameworks, and institutional structures governing environmental protection at both national and international levels. It seeks to develop students' ability to critically analyze the evolution and effectiveness of environmental legislation, interpret legal cases and regulatory practices, and evaluate the role of law in addressing contemporary environmental challenges. Furthermore, the course intends to equip students with the analytical and practical skills necessary to relate environmental law to sustainable development goals and to formulate informed, policy-oriented recommendations for improving environmental governance.								
Learning Outcomes	LO1: Will be able to explain the fundamental concepts of environmental law and the historical development of environmental legislation, LO2: Will be able to identify international environmental regulations and summarize the roles and responsibilities of relevant institutions, LO3: Will be able to examine case studies related to the implementation of environmental laws and interpret associated legal processes, LO4: Will be able to analyze the effectiveness of environmental laws in addressing environmental issues and evaluate their strengths and weaknesses, LO5: Will be able to establish the relationship between environmental laws and sustainable development goals, and propose recommendations that contribute to policy-making processes.								
Program Outcome Relations	PO1: 1 PO2: 1 PO3: 1 PO4: 1 PO5: 1 PO6: 5	PO7: 4 PO8: 1 PO9: 1 PO10: 1						(1) Strongly disagree; (2) Disagree; (3) Neither agree nor disagree; (4) Agree; (5) Strongly agree.	
Textbooks and/or References	1								
	2								
WEEK	Date	TOPICS					Reference No - Section		
Week 1	10-14.02.2025	Introduction to Environmental Law					Ref. 1		
Week 2	17-21.02.2025	Sources of Environmental Law					Ref. 1		
Week 3	24-28.02.2025	Environmental Rights					Ref. 1		
Week 4	03-07.03.2025	Environmental Institutions					Ref. 1		
Week 5	10-14.03.2025	Environmental Impact Assessment (EIA)					Ref. 1		
Week 6	17-21.03.2025	Air Pollution Law					Ref. 1		
Week 7	24-28.03.2025	Water Pollution Law					Ref. 1		
Week 8	31.03-04.04.2025	RELIGION HOLIDAY							
Week 9	07-11.04.2025	Review							
Week 10	14-18.04.2025	MIDTERM EXAM WEEK							
Week 11	21-25.04.2025	Soil and Land Protection					Ref. 1		
Week 12	28.04.02.05.2025	Biodiversity and Wildlife Protection					Ref. 1		
Week 13	05-09.05.2025	Climate Change Law					Ref. 1		
Week 14	12-16.05.2025	Review							
Week 15	19-22.05.2025	Review							
Week 16	23.05-02.06.2025	FINAL EXAM WEEK							
Evaluation Tools	Evaluation Tool	Quantity	Date	Weight in Total (%)	Weight in Semester Evaluation (%)				
	Final Exam	1	23.05-02.06.2025	50					
	Semester Evaluation			50					
	Midterm Exam	1	12-20.04.2025	50	100,0				
	Quiz(zes)	0		0	0,0				
	Project(s)	0		0	0,0				
	Homework	0		0	0,0				
	Laboratory	0		0	0,0				
Report Writing	0		0	0,0					
*** Lifelong Learning Programme (LLP) ***						Language of Instruction:	English		
Evaluation Tool	Quantity	Student Workload Hours		Evaluation Tool	Quantity	Student Workload Hours			
Theoretical Hours	13x3	39,0		Applied Hours					
Midterm	1	40,0		Final	1	40,0			
Quiz				Project					
Laboratory				Homework					
Atelier				Seminar					
Field Study				Presentation					
Report Writing				Self Study	13x3	39,0			
TOTAL :								158,0	
Recommended ECTS Credit (Total Hours / 25) :								6,3	

EUROPEAN UNIVERSITY OF LEFKE



SYLLABUS

2025-2026 Fall Semester

Course Code	Course Name	Course Type	Weekly Course Hours			Credits	ECTS	Weekly Time Schedule
			T	A	L			
OSHE 201	Occupational Safety and Health	Elective	3	0	0	3	5	Monday 18.00 - 20.50
Prerequisite	-		Prerequisite to			-		
Course Lecturer	Hasan Dilek					Office Hours Schedule	Tuesday : 11:00 - 12:50	
E-mail	hdilek-lau@eul.edu.tr					Office / Room No	AS301	
Phone	-					Phone	-	
Teaching Assistant(s)	-					Office / Room No	-	
E-mail	-							
Course Objectives	The principal aim of this course is to provide the theory and history of occupational health and safety and globally including the enforcement of laws that address occupational safety and health. In addition, students will gain an understanding on the roles and responsibilities of workers, unions and employers. This course also reviews other safety related issues and aspects of recognizing, evaluating, and understanding control of safety and health hazards in the workplace							
Learning outcomes	The student will be able to attain the following learning outcomes for this course:							
	1.	Gain an historical, economic, and organizational perspective of occupational safety and health						
	2.	Demonstrate a base of knowledge in the recognition and assessment of health and safety hazards in the workplace						
	3.	Identify the roles and functions of the occupational health and safety professional in the application						
	4.	Describe basic components of an effective company safety and health program including management commitment, employee involvement, hazard recognition and control and training.						
Textbooks and/or References	1.	Friend, M.A. and Kohn, J.P. (2007) Fundamentals of Occupational Safety and Health. 4th ed., Government Institutes. The Scarecrow Press, USA.						
	2.	Koradecka, D. (2010) Handbook of Occupational Safety and Health. Taylor and Francis Group. CRC Press, USA.						
	3.	Reese, C.D. (2016) Occupational Health and Safety Management – A Practical Approach. 3rd ed. Taylor and Francis Group. CRC Press, USA.						
	4.	Reese, C.D. (2017) Occupational Safety and Health – Fundamental Principles and Philosophies. Taylor and Francis Group. CRC Press, USA.						
WEEK	Date	TOPICS					Reference No - Section	
Week 1	22/09/2025	Introduction - History of Occupational Health and Safety					1: 1, 1: 2; 3: 1, 4: A1, 4: A2	
Week 2	29/09/2025	Safety Legislation					1: 2; 2: 1; 3: 2; 4: B7	
Week 3	06/10/2025	Compensation and Recordkeeping					1: 3; 3: 19; 4: C15	
Week 4	13/10/2025	Product Safety and Safety Related Business Laws					1: 4; 4: C11; 4: J54	
Week 5	20/10/2025	Accident Causes and Investigations					1: 5; 3: 9; 4: B9, 4: F33	
Week 6	27/11/2025	Personnel Involved in OCSH					3: 3; 4: C14, 4: D	
Week 7	03/11/2025	Ergonomic Risk Factors					2: 5.30; 3: 12; 4: J53	
Week 8	10/11/2025	Mid-term Exam						
Week 9	08-16.11.2025	Organizational Emergency Preparedness / External Force - Terrorism					1: 13, 1: 14; 3: 21; 4: J49, 4: J50	
Week 10	01/12/2025	Workplace Health and Safety - Physical Hazards					1: 15; 2: 3.14; 2: 3.15, 3: 11, 3: 23	
Week 11	08/12/2025	Workplace Health and Safety - Chemical Hazards					1: 15; 2: 3.6; 3: 11	
Week 12	15/12/2025	Workplace Health and Safety - Electrical Hazards					1: 15; 2: 3.11, 2: 3.12; 3: 11	
Week 13	22/12/2025	Workplace Health and Safety - Biological Hazards / Psychological Hazards					1: 15; 2: 2; 3: 11	
Week 14	29/12/2025	Workplace Health and Safety - Naturally Occurring Hazards, Controlling Hazards					1: 15; 3: 11, 2: 5.26; 4: H	
Week 15	03-11.01.2025	FINAL EXAM						
Evaluation Tools	Evaluation Tool	Quantity	Date	Weight in Total (%)	Weight in Semester Evaluation (%)			
	Final Exam	1		50	50			
	Semester Evaluation				50			
	Mid-term Exam	1		50	50			
	Quiz(zes)							
	Project(s)	1						
	Homework(s)							
	Laboratory							
Other								
*** Lifelong Learning Programme (LLP) ***						Language of Instruction:		English
Evaluation Tool	Quantity	Student Workload Hours	Total	Evaluation Tool	Quantity	Student Workload Hours	Total	
Theoretical Hours	14	3	42	Applied Hours				
Midterm	1	1	1	Final	1	1	1,0	
Quiz				Group Project				
Laboratory				Homework				
Atelier				Seminar				
Field Study				Presentation				
Other / Project				Self Study	13	7	91,0	
TOTAL :						135,0		
Recommended ECTS Credit (Total Hours / 30) :						5		



EUROPEAN UNIVERSITY OF LEFKE

SYLLABUS 2025-2026 Fall Semester

Course Code	Course Name	Course Type	Weekly Course Hours			Credits	ECTS	Weekly Time Schedule
			T	A	L			
COMN191	English I		3	0	0	3	3	Friday: 17:00-19:00
Prerequisite		Prerequisite to						
Course Lecturer	Mehmet Mert				Office Hours Schedule	Monday 10:00-11:00		
E-mail	mmert@eul.edu.tr				Office / Room No	AS232		
Phone	2684				Phone	-		
Teaching Assistant(s)	-				Office / Room No	-		
Course Objectives	This course introduces the main grammatical structures to the students and helps them to develop their listening, speaking, reading and writing skills as well as vocabulary and pronunciation. The students are provided with clear rules and example sentences. The lessons contain high frequency vocabulary that the students are likely to come across during their studies and future their future careers							
Learning Outcomes	1.The students will be able to understand and use English structures accurately to express themselves. 2. The students will be able to learn and use the vocabulary learnt during the lessons in real life contexts.							
Textbooks and/or	1 English File, Intermediate Plus, Student's Book, Christina Latham- Koenig, et al, Oxford University Press, Third Edition 2 English File, Pre-Intermediate Plus, Workbook, Christina Latham- Koenig, et al, Oxford University Press, Third Edition							
WEEK	Date	TOPICS					Reference no to learning outcomes	
Week 1		Pronouns					1,2	
Week 2		Making adjectives					1,2	
Week 3		Adjectives					1,2	
Week 4		Adjective Suffixes					1,2	
Week 5		Modals of deduction					1,2	
Week 6		Holidays					1,2	
Week 7		Possessives, shops, services					1,2	
Week 8		Past Simple / Continuous, used to, stages of life					1,2	
Week 9		MID TERMS						
Week 10		Passives					1,2	
Week 11		kinds of films					1,2	
Week 12		future forms, rubbish and recycling					1,2	
Week 13		1st-2nd conditionals, applying for a job-course					1,2	
Week 14		Present Perfect Simple, TV (phrasal verbs)					1,2	
Week 15		Present Perfect Continuous, Types of TV prog.					1,2	
Week 16		FINALS						
Evaluation Tools	Evaluation Tool	Quantity	Date	Weight in Total (%)	Weight in Semester Evaluation (%)			
	Final Exam	1		60	100			
	Semester Evaluation							
	Midterm(s)	1		40	100,0			
	Quiz(zes)							
	Project(s)							
	Online Homework(s)							
	Laboratory							
Other								
*** Lifelong Learning Programme (LLP) ***			Language of Instruction:		English			
Evaluation Tool	Quantity			Student Workload Hours				
Theoretical Hours	13			13x3	39			
Midterm	1			1x1	1			
Self Study for midterm	1			39x1	39			
Final Exam	1			1x1	1			
Self Study for final	1			10x1	10			
TOTAL :								90
Recommended ECTS Credit (Total Hours / 25) :								90/30=3