

RENEWABLE ENERGY ECONOMICS

1	Course Title:	RENEWABLE ENERGY ECONOMICS	
2	Course Code:	IKT5127	
3	Type of Course:	Optional	
4	Level of Course:	Second Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	4.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Doç. Dr. Meryem FİLİZ BAŞTÜRK	
15	Course Lecturers:	-	
16	Contact information of the Course Coordinator:	e-posta: meryemfiliz@uludag.edu.tr Tel: 0224 2941145 Adres: Uludağ Üniversitesi İİBF İktisat Bölümü, Görükle Kampusu16059 Nilüfer/Bursa	
17	Website:		
18	Objective of the Course:	The aim of this course is to focus on the role of renewable energy in economies and to examine the financing methods of renewable energy investments.	
19	Contribution of the Course to Professional Development:	This course will focus on the increasing importance of renewable energy on a global scale. The financing methods of renewable energy will be discussed and the difficulties encountered in financing methods will be discussed.	
20	Learning Outcomes:		
		1	Analyzing the role of renewable energy investments in 21st-century economies.
		2	To comprehend the reasons for increasing renewable energy investments in developing countries.
		3	To evaluate the financing methods of renewable energy investments.
		4	To be able to comprehend the role played by banks in financing renewable energy investments.
		5	Analyzing the difficulties encountered in financing renewable energy investments.
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Energy Problem in the World		

2	Climate Change and the Increasing Importance of Renewable Energy: Global Trends.	
3	Economic Meaning of Renewable Energy.	
4	The Relationship between Renewable Energy and Economic Growth.	
5	Renewable Energy Investments in Developed Countries.	
6	Renewable Energy Investments in Developing Countries.	
7	Financing Methods of Renewable Energy Investments.	
8	The Role of Banks in Renewable Energy Financing.	
9	Green Bonds.	
10	Challenges Encountered in Financing Renewable Energy on a Global Scale.	
11	Renewable Energy and Applied Policies in Turkey.	
12	Renewable Energy Investments in Turkey.	
13	Financing of Renewable Energy in Turkey.	
14	Challenges Encountered in Financing Renewable Energy Investments in Turkey.	

Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical		14	2.00	28.00
Practicals/Labs		0	0.00	0.00
Self study and preperation		14	3.00	42.00
Homeworks		1	20.00	20.00
Projects		0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams		0	0.00	0.00
Others		0	0.00	0.00
Final Exams		1	30.00	30.00
Home work-project		0	0.00	0.00
Total Work Load				120.00
Total work load/ 30 hr		1	100.00	4.00
ECTS Credit of the Course				4.00
Success Grade				
Contribution of Final Exam to Success Grade		100.00		
Total		100.00		
Measurement and Evaluation Techniques Used in the Course		Midterm homework, presentation and final exam.		

24	ECTS / WORK LOAD TABLE
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25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	4	5	3	5	3	2	5	4	3	5	5	3	5	2	5	3

ÖK2	3	4	5	2	3	4	2	4	5	5	3	5	4	2	4	5
ÖK3	5	3	4	5	2	3	4	2	3	5	1	4	3	2	4	4
ÖK4	4	2	5	3	4	4	3	3	5	3	4	4	3	4	3	5
ÖK5	2	4	5	4	4	2	5	4	3	4	3	2	5	2	3	4
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			