

AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	Agricultural La	and Consolida	tion						
Course Code TBB410 Couse Level Fir		First Cycle (Bachelor's Degree)							
ECTS Credit 4	Workload	100 (Hours)	Theory		2	Practice	2	Laboratory	0
Objectives of the Course The importance of land consolidation in our country, the legal situation of land consolidation projects at developments in the world.					ojects and				
Course Content To prevent deterioration and deparcels that are more functional piece of land by considering the			onal in e	conc	mic, ecolo	gical and socia	al terms by	combining more th	nan one
Work Placement	N/A								
Planned Learning Activities and Teaching Methods			Explana	ation	(Presentat	tion), Discussi	on		
Name of Lecturer(s) Prof. Gönül AYDIN									

Assessment Methods and Criteria						
Method	Quantity	Percentage (%)				
Midterm Examination	1	40				
Final Examination	1	70				

Recommended or Required Reading 1 Arıcı, İ., Akkaya Aslan, Ş.T. 2010. Arazi Toplulaştırması, Planlama ve Projelemesi, Uludağ Üniversitesi Ziraat Fakültesi Ders Notları No:105, 205 S.

- Demirel 1999, Arazi Toplulaştırma, Yıldız Teknik Üni. İşaat Fakültesi, Jeodezi ve Fotogrametri Müh. Böl Yayın No:YTÜ.IN.DN.-99.0486 İstanbul.
- 3 Takka, S.1993. Arazi Toplulaştırması, Kültürteknik Derneği Yayınları No:1, Ankara.

Week	Weekly Detailed Cour	se Contents					
1	Theoretical	Introduction, course content and achievements.					
	Preparation Work	Presentation of the laboratories.					
2	Theoretical	The use of land according to countries and agricultural policies.					
	Preparation Work	Presentations of the study.					
3	Theoretical	Turkey's agricultural structure, the causes of fragmentation of agricultural land in Turkey and the need for land consolidation.					
	Preparation Work	How should be consolidation.					
4	Theoretical	Legal regulations and the development of land consolidation in Turkey.					
	Preparation Work	The importance of maps.					
5	Theoretical	Old land consolidation statute, Land and Agrarian Reform Laws.					
	Preparation Work	Cadastral maps.					
6	Theoretical	The new land consolidation statute and regulations, agrarian reform law and regulation.					
	Preparation Work	Topographic maps.					
7	Theoretical	Soil protection act and regulations, the importance of the legal regulations for land consolidation					
	Preparation Work	Field trip.					
8	Intermediate Exam	Midterm exam.					
9	Theoretical	Land consolidation stages.					
	Preparation Work	Consolidation project examples.					
10	Theoretical	Agricultural land rating and rating methods.					
	Preparation Work	Land grading operations.					
11	Theoretical	Land rating in Turkey.					
	Preparation Work	The characteristic features of lands.					
12	Theoretical	The design of blocks in large areas, the planning of irrigation systems and roads.					
	Preparation Work	The characteristic properties of soils.					
13	Theoretical	Areas covered by common foundations and the determination of the farmers quota.					
	Preparation Work	Field trip.					



14	Theoretical	The determination of the wishes by the participants, The realignment of the parcels, the new possession and information.
	Preparation Work	Land parcelization.
15	Theoretical	Practice examination.
16	Final Exam	Final exam.

Workload Calculation					
Activity	Quantity	Preparation	Duration	Total Workload	
Lecture - Theory	14	0	2	28	
Lecture - Practice	14	0	2	28	
Term Project	1	0	10	10	
Midterm Examination	1	0	14	14	
Final Examination	1	0	20	20	
Total Workload (Hours)					
[Total Workload (Hours) / 25*] = ECTS					
*25 hour workload is accepted as 1 ECTS					

Learning Outcomes

- 1 To be able to perceive location of the structural problems of agricultural production and management.
- 2 To be able to compare the statutory regulation of the use of soils.
- To be able to evaluate the challenges of the current legal regulations related to the subject application and to develop recommendations for their solution.
- 4 To be able to summarize information to understand that there is a wide range of employment opportunities related to this topic.
- 5 Learn the method to be followed in land consolidation.

Programme Outcomes (Agricultural Biotechnology)

- 1 To be able to develop skills in identifying, modeling and solving problems in agricultural biotechnology
- To be able to synthesize life and engineering sciences for the effective resource planning of agricultural biotechnology applications
- To be able to interpret about living organisms structure, metabolic and physiological processes in order to propose biotechnological solutions to the agricultural problems
- 4 To be able to analyze genomic, metabolomic and proteomic information via bioinformatic tools.
- 5 To have the ability to analyze collected data and interpret the results.
- To have the ability of individual working ability and to make independent decisions, to work in inter-disciplinary and interdisciplinary teamwork, to communicate by expressing their ideas orally and in writing, clearly and concisely
- 7 To have the awareness of professional liabilities and ethics
- 8 To be able to follow current national and international problems

Contribution of Learning Outcomes to Programme Outcomes 1: Very Low, 2:Low, 3: Medium, 4: High, 5: Very High

	L1	L2	L3	L4	L5
P1	4	3	5	3	4
P2	3	4	4	4	3
P3	4	3	3	5	3
P4	3	4	3	4	3
P5	4	5	4	3	4
P6	3	4	5	3	3
P7	4	4	4	5	4
P8	5	3	3	5	3

