



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Field Agricultural Systems							
Course Code		TB309		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	5	Workload	125 ( <i>Hours</i> )	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		The field consists of four main groups of plants under natural conditions, ecological conditions of the region and by type of crops to be grown is to explain the method of cultivation.							
Course Content		Plant growth principles of field agricultural systems.The amount and distribution of rainfall seasons ready to be used and controlled amount of water to be applied in the fields of agriculture methods							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion					
Name of Lecturer(s)									

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

### Recommended or Required Reading

1	Tarla Tarımı. Ceylan, A. Ege Üniv. Ziraat Fak. Yayınları no. 491.1988. İzmir
2	Principles of field crop production. Martin, J.H., W.H. Leonard, D.L. Stamp. 1976.

Week	Weekly Detailed Course Contents	
1	Theoretical	Field farming systems and grouping
	Practice	literature review
2	Theoretical	The factors of affecting formation of field farming systems
	Practice	survey in the research and application farm
3	Theoretical	The definition of dry farming, applied area
	Practice	survey in the research and application farm
4	Theoretical	Fallow
	Practice	introduction in field experiments
5	Theoretical	Field crops can be grown in dry farming
	Practice	introduction in field experiments
6	Theoretical	Soil tillage in dry farming
	Practice	literature review
7	Theoretical	Maintenance operations in dry farming
	Practice	literature review
8	Intermediate Exam	midterm exam
9	Theoretical	The definition of irrigated farming, applied area
	Practice	soil preparation
10	Theoretical	Soil tillage in irrigated farming
	Practice	soil preparation
11	Theoretical	Maintenance operations in irrigated farming
	Practice	introduction in field experiments
12	Theoretical	The definition of humid farming, applied area
	Practice	introduction in field experiments
13	Theoretical	Soil tillage in humid farming
	Practice	survey in the research and application farm
14	Theoretical	Maintenance operations in humid farming
	Practice	survey in the research and application farm
15	Theoretical	The comparison of field crop system
	Practice	literature review



16	Final Exam	Final Exam
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**Workload Calculation**

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Lecture - Practice	14	1	2	42
Midterm Examination	1	12	2	14
Final Examination	1	25	2	27
Total Workload (Hours)				125
[Total Workload (Hours) / 25*] = <b>ECTS</b>				5

\*25 hour workload is accepted as 1 ECTS

**Learning Outcomes**

1	Field agricultural systems, having information status on use of land
2	To be make synthesis field agricultural systems modelling in terms of region
3	It can be detected and solved problem during plant growth
4	Plant diversity in field agricultural systems
5	To be able to comment on efficiency and field use efficiency in field agricultural systems

