



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Testing and Evaluation in Culturtechnique							
Course Code		ZTY617		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	6	Workload	150 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		The aim of this course is given experimental testing of culturtechnique systems and system components and interpretation of results and concluded in rural experiments .							
Course Content		Experimental testing of culturtechnique systems and system components and evaluation, compliance to the standards, experiment instruments, interpretation of results, material specification of irrigation, drainage, agricultural production and storage constructions and plants in rural areas							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study, Problem Solving					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Prepare project of culturatechnique systems
2	Design of experiment
3	Analysis of experiment results and interpretations

Week	Weekly Detailed Course Contents	
1	Theoretical	Irrigation system equipments and spesifications-1
2	Theoretical	Irrigation system equipments and spesifications-2
3	Theoretical	Prepare testing mechanism of irrigation system equipments-1
4	Theoretical	Prepare testing mechanism of irrigation system equipments-2
5	Theoretical	Prepare testing mechanism of irrigation system equipments-3
6	Theoretical	Prepare testing mechanism of irrigation system equipments-4
7	Theoretical	Specification of drainage systems-1
8	Intermediate Exam	Midterm exam
9	Theoretical	Specification of drainage systems-2
10	Theoretical	Prepare testing mechanism of drainage system equipments-1
11	Theoretical	Prepare testing mechanism of drainage system equipments-2
12	Theoretical	Results analysis and testing-1
13	Theoretical	Results analysis and testing-2
14	Theoretical	Prepare results report-1
15	Theoretical	Prepare results report-2
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	2	70
Lecture - Practice	14	2	2	56
Midterm Examination	1	8	2	10
Final Examination	1	12	2	14
Total Workload (Hours)				150
[Total Workload (Hours) / 25*] = ECTS				6

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	Introduction of culturtechnique systems and system components
2	Experimental testing and evaluation of farm structures and its applications
3	Experimental testing and evaluation of irrigation and drainage systems and its applications
4	Evaluation of culturtechnique systems or system components and experimental results
5	Interpretation of experimental results and preparation of results

Programme Outcomes (*Agricultural Structures and Irrigation Doctorate*)

1	Ability to analyze, synthesize and evaluate different forms of scientific knowledge in the field of studies
2	Approach to information systematically, and gain skills related to their field the research methods
3	Innovative science to develop a scientific method or a method that is known to practice in their field
4	Ability to organize and manage the project and advanced scientific research
5	Advanced technologies, find solutions to engineering problems taking advantage of the software and model approaches
6	Creative, unbiased and critical thinking
7	A topic in the field of written, verbally and visually as the ability to express
8	Ability to publish in refereed journals National and international the results of studies

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	5	5	4	5
P2	5	5	5	5	5
P3	4	4	4	4	4
P4	4	5	4	4	5
P5	5	5	5	5	5
P6	3	4	3	3	4
P7	5	5	5	5	5
P8	5	5	5	5	5

