AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Principles, Programming and Evaluation in Agricultural Extension							
Course Code		ZTE521		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	7	Workload	172 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		At the end of this course, students will understand the basic principles and will be able to prepare an agricultural extension program.							
Course Content		The history of agricultural extension , technology transfer model, participatory extension and research model, the the foundation of behavior and motivation; Agricultural extension in the programming process, traditional techniques and the use of participatory approaches and techniques, the determination of problems and hopes, problem tree, project planning matrix							
Work Placement		None							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), 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	ROLLING, Niels, Extension Science

Week	Weekly Detailed Course Contents	
1	Theoretical	The history of agricultural extension
2	Theoretical	Technology transfer model, participatory extension and research model
	Preparation Work	Reading-Literature review
3	Theoretical	The foundations of behavior and motivation
	Preparation Work	Reading-Literature review
4	Theoretical	The programming process in agricultural extension
	Preparation Work	Source scan reading, homework
5	Theoretical	The application of traditional techniques
	Preparation Work	Source scan reading, homework
6	Theoretical	The application of participatory approaches and techniques
	Preparation Work	Source scan reading, homework
7	Theoretical	The application of participatory approaches and techniques
	Preparation Work	Source scan reading, homework
8	Theoretical	The application of participatory approaches and techniques
	Preparation Work	Reading-Literature review
9	Intermediate Exam	Midterm
10	Theoretical	The application of participatory approaches and techniques
	Preparation Work	Source scan reading, homework
11	Theoretical	Identification of problems and hopes
	Preparation Work	Source scan reading, homework
12	Theoretical	Problem Tree
	Preparation Work	Source scan reading, homework
13	Theoretical	Problem Tree
	Preparation Work	Source scan reading, homework
14	Theoretical	Project planning matrix
	Preparation Work	Source scan reading, homework
15	Theoretical	The presentation of home works
16	Final Exam	Final

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	3	84
Assignment	14	2	2	56
Midterm Examination	1	14	2	16
Final Examination	1	14	2	16
			Total Workload (Hours)	172
			[Total Workload (Hours) / 25*] = **ECTS**	7
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	To learn the development of agricultural extension and communication and the applied agricultural extension techniques
2	To be able to understand the differences of technology transfer model and participatory extension model
3	To be able to determine the priorities of problems and hopes of a local rural community
4	To be able to implement the project planning matrix in extension programs successfully
5	Implementation, reporting and evaluating the results of a planned extension project

Programme Outcomes *(Agricultural Economics Master)*	
1	To be able to comprehend and solve agricultural economic issues using Agricultural sciences and the basic principles of economic science.
2	To be able to access information, evaluate, interpret, and implement in the processes of the scientific research processes related to Agricultural economy.
3	To be able to integrate the relationship between the use of natural resources and productivity, with environmental, food safety and sustainability objectives
4	To be able to predict the effects of economic and political developments on the Turkish agricultural sector, to be able to view, comprehend and interpret national and international agricultural markets, to be able to apply the innovative methods.
5	To be able to communicate with all actors showing activity in the countryside at the required level of behavior science, to detect problems, and to be able to conduct joint project.
6	To be able to lead multi-disciplinary studies in agricultural sciences, to be able to enhance solutions in complex situations and to be able to take responsibility.
7	To be able to raise awareness about the new and developing practices of the job, to be able to review and learn these when needed.
8	To be able to use theoretical and practical information in agricultural economics.
9	To be able to design innovative solutions integrating the original ideas and methods in agriculture and the economy with the system, part or process designs.
10	To be able to articulate the idea, and the findings about the research topic verbal and written in an effective way.

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				3	
P2				5	
P3		5	4	3	
P5			4	5	
P6			3		
P7	5				
P8		5	4	4	
P9		5	5	4	5
P10			4	3	5