



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	Agricultural Economics and Management								
Course Code	BTS110		Course Level		Short Cycle (Associate's Degree)				
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Economic aspects of agricultural activity, with the stand on issues related to agriculture, micro-and macro-level problems and the basic principles of general economy of scarce productive resources of agricultural enterprises with the most effective way to shed light on the use of								
Course Content	Introduction to economics of agriculture, agriculture in the importance of turkey's economy, the establishment of agricultural enterprises, feasibility studies, production activities and characteristics of agricultural holdings, land use, labor, capital and entrepreneurship, law of diminishing returns, the results of the annual calculation of the agricultural enterprises, gross margin analysis, planning, agricultural enterprises , are subjects of agricultural cooperatives.								
Work Placement	Students must have to complete their internship within the required time and properties. The required rules are describes at the Adnan Menderes University, Sultanhisar Vocational School, Student Internship Instructions.								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study								
Name of Lecturer(s)	Ins. Berna GÜNDEN								

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

Recommended or Required Reading	
1	Teaching staff Lecture Notes
2	Agricultural Economics and Management (Professor. İ.Hakkı INAN)

Week	Weekly Detailed Course Contents	
1	Theoretical	Description of Agriculture and Agricultural Economy
2	Theoretical	Facilities of Agricultural Production
3	Theoretical	Agriculture in the importance of Turkey's economy
4	Theoretical	Agricultural Production Factors
5	Theoretical	Agricultural Credit and Finance
6	Theoretical	Agricultural Cooperatives
7	Theoretical	Agricultural Policies
8	Intermediate Exam	Midterm
9	Theoretical	Farm, farm management concepts
10	Theoretical	Elements of Agricultural Management
11	Theoretical	External factors in Decision Making, Decisions Some Properties, Decision Making Utility Vehicles, Agricultural Decision-Making Process management function
12	Theoretical	Basic Economic Rules of Operation of Agriculture (Production Function, Law of Diminishing Returns)
13	Theoretical	Substitution Rule, Principle of Equal Marginal Product, Relative Profit Rule, Opportunity Cost Principle, Time Value of Money, Agricultural Product Costs
14	Theoretical	Enterprises in Agriculture Organization Studies (Project Idea, Feasibility Studies, Feasibility Report, Evaluation and Investment Decision, Final Project, Project Implementation, Operation Phase)
15	Theoretical	Agricultural Holdings Annual Operating Results (Production Department Analysis)

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	10	1	11



Final Examination	1	10	1	11
			Total Workload (Hours)	50
			[Total Workload (Hours) / 25*] = ECTS	2
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Learn basic concepts related to agricultural economics.
2	Have knowledge about economic concepts and principles in agriculture.
3	Understand the importance of agriculture in the economy.
4	The feasibility studies will have information on agricultural establishments.
5	Learns the results of the annual assessment of agricultural enterprises.
6	Product derived from agricultural farms, have knowledge of profit and resource utilization issues.
7	The main products can be easily grown in farms in the cost account.

### Programme Outcomes (Plant Protection)

1	To be able to learn about systematics, morphological, biological, ecological and epidemiological information about diseases, pests and weeds that cause the loss of the crop at every stage of production,
2	To be able to become familiar with agricultural management control methods and their use in control of plant diseases, pests and weeds in cultivated agricultural crops,
3	To be able to diagnose and identify plant diseases, insect, mite or nematode pests or weeds that cause economical losses in stored crops and products,
4	To be able to use pesticides safely and effectively and informed about their hazardous non-target effects on the environment and human health.
5	To be able to learn plant protection products and their practice in organic agriculture,
6	To be able to evaluate the information obtained throughout the learning process with cause-effect relations, to be able to collect data and transfer the results to practice, and to predict where, when and why to use the information
7	To be able to comply with professional, cultural, social ethic rules in his / her field and to be entrepreneurial
8	To be able to have conscious of the universality of social rights, social justice, quality and cultural values, environment protection, occupational health and safety issues
9	To be able to use information and communication technologies together with the required computer software of his / her field
10	To be able to have the necessary background and qualifications to work in public and private agriculture sectors, to be able to conduct a study independently / as a team member and to be able to comply with the relevant legislation

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

	L1	L2	L3	L4	L5	L6	L7
P7	3	3	3	3	2	3	3
P8	4	4	4	3	3	4	4
P9			4	3	3	3	3
P10							4

