AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Farm Management in Small Ruminant Breeding								
Course Code	ZT431		Couse Level	First Cycle (Bachelor's Degree)					
ECTS Credit	4	Workload	100 *(Hours)*	Theory	2	Practice	2	Laboratory	0
Objectives of the Course	to give information about methods and practices for plans, management and sustainability of sheep and goat farms.								
Course Content	to give information about sheep and goat husbandry, genotypes, and information for the products and marketing, to give information about farm and shelter planning, to able to determine feeds and other needing of farm and to make annual planning for these To give information about problems in small ruminanat farms and, solitions for them To give information about some appied in farms and observation of managment of farms								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study								
Name of Lecturer(s)									

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

Recommended or Required Reading	
1	T. Taşkın H. E. Bardakcıoğlu, M. Yılmaz, Ruminant Yetiştiriciliği (Koyun, Keçi, Sığır), ISBN: 678-605-62489-0-0, Meta Basım Bornova- İZMİR, (2011).
2	The Farm Management Handbook, George L. Greaser 1991.
3	Dairy sheep Manual-Farm Management Guidelines by Arthur Stubbs, Gaille Abud & Roberta Bencini January 2009 .RIRDC Publication No 08/205 RIRDC Project No PRJ-000724
4	İ. Duman, A. Altındişli, U. Aksoy. Organik çiftlik yönetim modeli archived at http://orgprints.org/18573

Week	Weekly Detailed Course Contents	
1	Theoretical	The importance of the breeding small ruminants in the world and Turkey
2	Theoretical	Sheep and goat breeding systems
3	Theoretical	Sheep and goat breeds and genotypes
4	Theoretical	Herd management
5	Theoretical	Farm and ranch planning and the necessary conditions
6	Theoretical	to determined the annual requirements and business plan of farm
7	Theoretical	Health protection and biosecurity
8	Intermediate Exam	Midterm Exam
9	Theoretical	Animal welfare and legislation
10	Theoretical	Animal Waste Management on Small ruminant Farms
11	Theoretical	The main problem and solutions in Small ruminant Farms
12	Theoretical	Financial resources for farm installation and sustainability
13	Theoretical	Determination of income and expenses of farm
14	Theoretical	Creating of herd projection
15	Theoretical	General repitation
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
Midterm Examination	1	19	1	20

Final Examination	1	23	1	24
			Total Workload (Hours)	100
			[Total Workload (Hours) / 25*] = **ECTS**	4
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	To have a basic knowledge about breeding of sheep and goats in the world and in Turkey
2	To have a basic knowledge about sheep and goat rearing practices, evaluation of produces and marketing
3	to gain skills to determine the necessary conditions of farm and barn planning, to make to business plan in order to farm's requirements
4	To have knowledge about health protection and biosecurity for sheep and goats
5	To able to determine farm income and expenses and to make economic analysis

Programme Outcomes *(Dairy Technology)*	
1	Having sufficient infrastructure in basic sciences and engineering subjects and ability to use the theoretical and applied info instantly in this field.
2	Determining the modern techniques, tools and information technologies required for applications related with his field and ability to use them efficiently
3	Ability for planning, projecting, and designing, following up, analyzing and finding target-driven solutions related with his field
4	Ability to have professional ethic and awareness.
5	Ability to work, decide, express opinions orally and in written individually
6	Ability to participate team studies, taking responsibility, making leadership.
7	Ability to conceive Ataturk's principles and reforms, to communicate in Turkish and foreign language.
8	Ability to comprehend the necessity to learn for a life time, to monitor developments in science and technology and continuously renew himself.
9	Having sufficient level of information about production and quality control of milk and dairy products and also product development, increasing product quality and food security fields.
10	Ability to detect, define, solve problems related with his field and to select and apply suitable methods and modeling techniques for this purpose.
11	To be conscious about workplace applications, worker health, work security and environment subjects, to have knowledge about legal results of the engineering applications related with his subject.

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

	L1	L2	L3	L4	L5
P8	5	5	5	5	5