



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Dairy Goat Breeding							
Course Code		ZT458		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	2	Workload	52 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		to provide understanding of the importance of husbandry of goat production and basic production traits.							
Course Content		The importance of goat rearing in the economy, goat breeding terms, Goat breeding in Turkey and the world, Dairy goat breeds, Reproduction of goat, goat husbandry, Genetic and environmental improvement in dairy goat breeding, Basic principles on nutrition of dairy goats, Health care, Housing, Goat breeding strategy for Turkey.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion					
Name of Lecturer(s)									

### Prerequisites & Co-requisites

Prerequisite	ZT100
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### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Ertuğrul, M., 1996. Küçükbaş Hayvan Yetiştirme Uygulamaları. 2. Baskı, A.Ü.Z.F. Yayınları, No 1446, Ankara.
2	Gordon, I., 1997. Reproduction in Sheep and Goats. Controlled Reproduction in Farm Animals Series, Vol.2, CAB International, NY, USA.
3	Kaymakçı, M., 2006. Keçi Yetiştiriciliği. Meta Basım. Bornova-İzmir.
4	Kaymakçı, M. 2006. Üreme Biyolojisi (4. Baskı). E.Ü.Z.F. No.503 Bornova, İzmir.

Week	Weekly Detailed Course Contents	
1	Theoretical	Meeting, reason and importance of lecture Main traits of Goat Rearing in Turkey and over the world
2	Theoretical	Classification of the goat breeds and dairy goats
3	Theoretical	Reproductive Characteristics of Goats
4	Theoretical	Mating and applications of gestation periods
5	Theoretical	Parturition, application of rearing of kids
6	Theoretical	application of Milking, shearing and care
7	Theoretical	environmental improving for kidding
8	Theoretical	Basic Principles of Nutrition of Goats
9	Intermediate Exam	mid-term
10	Theoretical	goats grazing
11	Theoretical	Housing, Health Protection for goats
12	Theoretical	Recording, Controls of yields, Genetic Improvement of fertility in goats
13	Theoretical	genetic improvement of milk yield in goats
14	Theoretical	Goat breeding strategy of Turkey
15	Theoretical	A General Evaluation Of The Lecture
16	Final Exam	Final Exam

### Workload Calculation

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



Final Examination	1	12	1	13
Total Workload (Hours)				52
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	to be able to have knowledge of the basic concepts of goat breeding
2	to be able to compare and evaluate the Goat breeds
3	to be able to analyze goat breeds in terms of adaptation to the regional conditions.
4	to be able to recognize reproductive performance criteria in goats
5	To be able to recognize the basic concepts of genetic improvement

### 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 Atatürk'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
P1	5	5	5	5	5
P8	5	5	5	5	5

