



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Principles of Animal Breeding							
Course Code		ORT108		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		The definition of Animal studies carried out in the field of zootecnic, the identification of farm animals and their products to gain information about production							
Course Content		The importance of animal products, the state of it in our country and the world; domestication, livestock species and breeds concepts, factors affecting reproduction and fertility; lactation and milk yield, selection and hybridization, practical training, and nutrition							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Problem Solving					
Name of Lecturer(s)		Assoc. Prof. Ahmet Engin TÜZÜN							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Yazgan, O., Animal Production Lecture Notes, Konya in 1986.
2	Tuncel, E., Ak, İ, Şahan, Ü, Koyuncu, M. 1997. Hayvan yetiştirme. Uludağ Üniversitesi Ziraat Fakültesi Ders Notları No:71.
3	Şengonca, M.; Altan, A.; Koşum, N.2011. Hayvan Yetiştirme İlkeleri. E.Ü.Ziraat Fakültesi Yayın No: 534, Bornova-İZMİR
4	Ertuğrul, E. Hayvan Yetiştirme (Yetiştiricilik). Ankara, 1993.

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction - rationale and importance of the course
2	Theoretical	Importance of livestock husbandry
3	Theoretical	Problems of animal husbandry in Turkey,
4	Theoretical	Domestication, zoological classification of farm animals, Concept of species, breed, hybrid
5	Theoretical	Classifications of breeds, breed characteristics
6	Theoretical	Cattle, sheep and goat breeds raised in Turkey
7	Theoretical	Reproduction, sex characters
8	Intermediate Exam	Midterm exam
9	Theoretical	Oestrus, insemination, gestation and parturition
10	Theoretical	Measurement of reproductive efficiency
11	Theoretical	Texture of udder and lactation
12	Theoretical	Selection
13	Theoretical	Technical inspection visit
14	Theoretical	Trip to assessment
15	Theoretical	General Assessment

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	1	14
Assignment	3	1	1	6
Term Project	1	0	1	1
Laboratory	4	1	2	12
Land Work	4	1	1	8
Midterm Examination	1	2	1	3



Final Examination	1	2	1	3
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To be able to define Zootechnics,
2	To be able to identify the important livestock breeds raised in Turkey and in the world,
3	To be able to list morphological and physiological characters of livestock breeds,
4	To be able to explain the concepts of reproduction and control of reproduction in livestock,
5	To be able to list animal production and insemination methods,
6	To be able to explain the selection of farm animals.

Programme Outcomes (Organic Agriculture)

1	
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11	

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

	L1	L2	L3	L4
P9	3	3	3	
P11	3	3		3

