



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Small Ruminant Breeding							
Course Code		TRİ206		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	1	Laboratory	0
Objectives of the Course		The objective of the course is to teach students the importance and current state of small ruminant breeding in the world and in Turkey, is to recognize goat and sheep breeds, is to gain knowledge and skill competencies related to obtain economical and high quality of sheep and goat milk and meat concerning animal breeding, improvement, management and nutrition of small ruminants.							
Course Content		The importance and current state of small ruminant breeding in the world and in Turkey. Reproduction in sheep and goats. Genetic improvement. Management, Nutrition, Breeding practices, Health protection in sheep and goat husbandry, Production of high quality sheep and goat products.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), 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	İleri Koyun Yetiştiriciliği, Mustafa KAYMAKÇI. 2016. İzmir İli DKKYB Yayınları.1, ISBN:9944-5334-0-8
2	Keçi Yetiştiriciliği, Mustafa KAYMAKÇI. 2013. İzmir İli DKKYB Yayınları.2, ISBN:9944-5334-1-6
4	Koyun ve Keçi Yetiştirme, Metin ŞENGONCA, Nedim KOŞUM. 2005. Ege Üniv.Ziraat Fakültesi Yayınları No: 563, ISBN: 975-483-650-7
5	Ulusal ve Uluslararası Zootekni Bilim Kongreleri Bildirileri
6	Diğer kaynaklar (Sürelî Yayınlar, Makale ve Bildiriler, Güncel TÜİK ve FAO İstatistikleri, Ders notları, Güncel sektör dergileri)

Week	Weekly Detailed Course Contents	
1	Theoretical	The importance of small ruminants in the economy and in the community life
	Practice	Introduction of ADU Çine Vocational School, Sheep and Goat Application and Research Unit
2	Theoretical	The importance and current state of small ruminant breeding in the world and in Turkey
	Practice	Observation of production activities in sheep and goat breeding units of ADU Çine Vocational School
3	Theoretical	Sheep and goat breeds
	Practice	Introduction of sheep and goat breeds
4	Theoretical	Reproduction in sheep and goats
	Practice	Examination of female reproductive system in sheep and goats
5	Theoretical	Reproduction in sheep and goats
	Practice	Examination of male reproductive system in sheep and goats
6	Theoretical	Breeding practices in small ruminant breeding
	Practice	Practical works in sheep and goat breeding-I
7	Theoretical	Genetic improvement in sheep and goat breeding
	Practice	Practical works in sheep and goat breeding-II
8	Intermediate Exam	MID-TERM EXAM
9	Theoretical	The methods increasing the production of lamb and kid
	Practice	Control of reproduction in sheep and goats
10	Theoretical	Meat production from sheep and goats
	Practice	Observation of growth and development in small ruminants and related yield or performance controls
11	Theoretical	Milk production from sheep and goats
	Practice	Farm practices for healthy milk production in sheep and goats
12	Theoretical	Production of wool, hair and mohair



12	Practice	Cleaning and disinfection of sheep and goat barns
13	Theoretical	Nutritional principles in sheep and goat breeding
	Practice	Feeding practices in organic sheep and goat breeding
14	Theoretical	Health protection in sheep and goat breeding
	Practice	Health protection practices in organic sheep and goat breeding
15	Theoretical	Welfare and housing in sheep and goat breeding
	Practice	Examining animal welfare and behavioral characteristics in sheep and goat breeding
16	Final Exam	FINAL EXAM

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	1	14
Term Project	1	0	3	3
Reading	14	0	1	14
Midterm Examination	1	7	1	8
Final Examination	1	7	1	8
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	comprehends the importance and current state of small ruminant breeding in the world and in Turkey, recognizes sheep and goat breeds
2	comprehends reproductive functions and increases the production of lamb and kid
3	knows the basic concepts of genetic improvement and recording in small ruminant breeding
4	knows the management, breeding practices, grazing, nutrition, housing and health protection of small ruminants
5	knows and applies healthy, high quality and economic production of products of small ruminants

Programme Outcomes (Agricultural Management)

1	To be able to comprehend the basic management, economy and agricultural management
2	To be able to acquire basic information in excessive, profitable and quality production of vegetable and animal products
3	To be able to manage production in factory, to prepare project and to keep business records
4	To be able to develop solutions in agricultural management
5	To be able to comprehend optimally preparation and marketing in agricultural foods process
6	To be able to follow professional developments and to acquire knowledge to use technological resources
7	To be able to reach the scientific data using computer and the internet
8	To be able to determine the problem about agricultural management, to analyze, to develop solutions and suggestions
9	To be able to comprehend Atatürk Principle and Revolution
10	To be able to take precautions about the problems related to first aid and occupational safety in the enterprise, to solve the problems
11	To be able to use Turkish well, to communicate orally and in writing, to have knowledge of professional ethics and responsibility

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	3	3	4	4
P2	3	5	4	5	5
P4	3	3	4	3	3
P5	3	4	4	3	4
P8	3	4	3	3	4

