



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Principles of Animal Breeding							
Course Code		TRİ103		Coure 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 animal breeding in the world and in Turkey. And it is aimed to gain knowledge and skill competencies related to obtain economical, high quality and large amounts of animal products concerning animal breeding, improvement, management and nutrition of livestock.							
Course Content		The importance and current state of animal breeding in the world and in Turkey, Reproduction in livestock, Genetic improvement, Cattle breeding, Small ruminant breeding, Poultry breeding, The principles of high quality and large amounts of milk and meat production.							
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	Hayvan Yetiştirme (Yetiştiricilik). Mehmet ERTUĞRUL (Ed.). 1997. Ankara Üniv.Ziraat Fakültesi
2	Hayvan Yetiştirme İlkeleri. Hakkı EMSEN. 1992. Atatürk Üniv. Yayınları: 720, Ziraat Fakültesi Yayınları: 720, Ders Kitapları Serisi: 62, Erzurum.
3	Hayvan Yetiştirme İlkeleri, Metin ŞENGONCA. 2005. Ege Üniv. Yayınları Ziraat Fakültesi Yayın No: 534, ISBN: 975-483-666-3, İzmir.
4	Ulusal ve Uluslararası Zootekni Bilim Kongreleri Bildirileri, Organik Tarım Kongreleri, Organik Hayvancılık Kongreleri kitapçıkları
5	Diğer kaynaklar (Sürelili Yayınlar, Makale ve Bildiriler, Güncel TÜİK ve FAO İstatistikleri, Ders notları, Güncel sektör dergileri)

Week	Weekly Detailed Course Contents	
1	Theoretical	The place and importance of animal husbandry in the economy
	Practice	Examples from various countries
2	Theoretical	The importance and current state of animal breeding in the world and in Turkey
	Practice	Introduction of ADU Çine Vocational School Application and Research Unit
3	Theoretical	The place and importance of animal husbandry in the agricultural enterprises
	Practice	Visiting an agricultural enterprise
4	Theoretical	Reproduction in livestock animals
	Practice	Examination of female reproductive system in farm animals
5	Theoretical	Reproduction in livestock animals
	Practice	Examination of male reproductive system in farm animals
6	Theoretical	Genetic improvement
	Practice	Practical works in farm animals-I
7	Theoretical	Genetic improvement
	Practice	Practical works in farm animals-II
8	Intermediate Exam	MID-TERM EXAM
9	Theoretical	Genetic improvement
	Practice	Record keeping/yield controls
10	Theoretical	Cattle breeding
	Practice	Introduction of cattle breeds
11	Theoretical	Cattle breeding
	Practice	Farm visits
12	Theoretical	Cattle breeding



12	Practice	Care of young animals and dams
13	Theoretical	Sheep breeding
	Practice	Introduction of sheep breeds
14	Theoretical	Goat breeding
	Practice	Introduction of goat breeds
15	Theoretical	Poultry breeding
	Practice	Introduction of poultry breeds
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*] = <b>ECTS</b>				3

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	understands importance and current state of animal breeding in the world and in Turkey
2	understands reproductive function and interferes with the reproductive processes of livestock
3	recognizes farm animal breeds
4	understands management and breeding practices of farm animals
5	understands basic concepts of genetic improvement in farm animals
6	Understands and performs high quality and large amounts of milk and meat production

### 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	L6
P1					2	
P2	5	5	5	5	5	5
P4	3	4	4	4	4	4
P5	3	3	2		3	4
P7			3	4	3	4
P8	3	3		3	3	4
P9			3			

