AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Principles of Animal Production								
Course Code	OT118		Couse 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 organic animal breeding in the world and in Turkey. And it is aimed to gain knowledge and skill competencies related to obtain organic animal products concerning animal breeding, improvement, management and nutrition of livestock animals.								
Course Content	The importance and current state of organic animal husbandry in the world and in Turkey, Reproduction in livestock, Genetic improvement, Cattle breeding, Small ruminant breeding, Poultry breeding, The principles in production of high quality organic animal products.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration								
Name of Lecturer(s)									

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

Recommended or Required Reading	
1	Organik Tarım İlkeler ve ulusal mevzuat, Ali İrfan BAŞ. 2009. ISBN: 9786054160082, Eflatun Yayınevi, Ankara.
2	Hayvan Yetiştirme (Yetiştiricilik). Mehmet ERTUĞRUL (Ed.). 1997. Ankara Üniv.Ziraat Fakültesi
3	Hayvan Yetiştirme İlkeleri. Hakkı EMSEN. 1992. Atatürk Üniv. Yayınları: 720, Ziraat Fakültesi Yayınları: 720, Ders Kitapları Serisi: 62, Erzurum.
4	Hayvan Yetiştirme İlkeleri, Metin ŞENGONCA. 2005. Ege Üniv. Yayınları Ziraat Fakültesi Yayın No: 534, ISBN: 975-483-666-3, İzmir.
5	Ulusal ve Uluslararası Zootekni Bilim Kongreleri Bildirileri, Organik Tarım Kongreleri, Organik Hayvancılık Kongreleri kitapçıkları
6	Diğer kaynaklar (Süreli Yayınlar, Makale ve Bildiriler, Güncel TÜİK ve FAO İstatistikleri, Ders notları, Güncel sektör dergileri)

Week	Weekly Detailed Course Contents	
1	Theoretical	Definition of animal husbandry, The place and importance of animal husbandry in the economy
	Practice	Introduction of ADU Çine Vocational School Application and Research Unit
2	Theoretical	The importance and current state of organic animal husbandry in the world and in Turkey
	Practice	Observation of production activities in ADU Çine Vocational School Application and Research Unit
3	Theoretical	The basic principles of organic animal husbandry
	Practice	Introduction of sheep breeds
4	Theoretical	The basic principles of organic animal husbandry
	Practice	Introduction of goat breeds
5	Theoretical	The principles in the establishment of organic livestock farms
	Practice	Introduction of cattle breeds
6	Theoretical	Reproduction in farm animals
	Practice	Examination of female reproductive system in farm animals
7	Theoretical	Reproduction in farm animals
	Practice	Examination of male reproductive system in farm animals
8	Intermediate Exam	MIDTERM EXAM
9	Theoretical	Genetic improvement
	Practice	Practical works in farm animals-I
10	Theoretical	Genetic improvement
	Practice	Practical works in farm animals-II
11	Theoretical	Cattle breeding
	Practice	Behavior characteristics in farm animals

12	Theoretical	Cattle breeding
	Practice	Barn cleaning and disinfection
13	Theoretical	Sheep breeding
	Practice	Observation of pregnancy and parturition
14	Theoretical	Goat breeding
	Practice	Care of young animals and dams
15	Theoretical	Poultry breeding
	Practice	Record keeping/yield controls
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
Land Work	4	0	4	16
Midterm Examination	1	7	1	8
Final Examination	1	8	1	9
			Total Workload (Hours)	75
			[Total Workload (Hours) / 25*] = **ECTS**	3

**25 hour workload is accepted as 1 ECTS*

Learning Outcomes

1	knows the importance and current state of animal husbandry in the world and in Turkey
2	understands the principles of organic animal husbandry
3	gains knowledge about reproductive function and interferes with natural ways to the reproductive processes of animals
4	Gains knowledge about basic concepts of genetic improvement
5	Gains knowledge about management, breeding and feeding practices in organic animal husbandry
6	Gains knowledge and performs high quality and economic production of organic animal products

Programme Outcomes *(Organic Agriculture)*

1	To have university life, to use computer technology and to have skills for raising of scientific data
2	To produce according to organic agriculture rules
3	To know and apply starter to organic agriculture,and to get product certification
4	To know genetic for organic vegetable and animal species
5	To know and apply organic production principle and regulations and protection of environment
6	Understand and apply production techniques for organic vegetable and animal
7	To understand control methods for diseases and pests in organic agriculture
8	Having knowledge of quality control, preserving and marketing of organic products
9	To having knowledge equipments and methods for new agricultural technologies
10	To have knowledge of proffessional ethics and responsibility
11	Ability to work in team and individual
12	To communicate orally and in writing
13	To have adopt life-long learning importance and to have follow professional developments

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					3	2
P2		5		3	4	
P3		5			4	2
P4	4	4	5	5	5	5
P5	5	4		5	4	5
P6	3	3	3		4	2
P7	4	3			4	5
P8				4	3	4

P9	4	4				