



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Large Animal Husbandry							
Course Code		ORT204		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	1	Laboratory	0
Objectives of the Course		The aim of this introductory course is to gain basic knowledge about organic farm animal breeding, animal products and their importance for human beings.							
Course Content		Giving scientific, actual and practical information about cattle production in the world and in Turkey, cattle breeds, reproduction in cattle, calf rearing, management ant nutrition of replacement heifers,mammary system and lactation, body condition scoring, macnine milking and mastitis, organic milk and beef production and buffalo production.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Individual Study					
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	Homan, E.J, M.A. Wattiaux. 2008. Teknik Süt Sığırcılığı Rehberi. Çeviri Ed: A.G.Önol. ADÜ Yayın No:29
2	Özhan, M., N. Tüzemen, M. Yanar. 2011. Büyükbaş Hayvan Yetiştirme (Süt ve Et Sığırcılığı). Atatürk Üniv. ZF Yayın No: 134.
3	Fries, R, A. Ruvinsky. 1999. The Genetics of Cattle. CABI Publishing.
4	Phillips, C.J.C. 2001. Principles of Cattle Production. CABI Publishing.
5	Mustafa A. 2012. Dairy Cattle Production Course Text. <a href="http://animsci.agenv.mcgill.ca/courses/450/">http://animsci.agenv.mcgill.ca/courses/450/</a>
6	Battaglia, R.A. 2000. Handbook of Livestock Management. Prentice Hall. Upper Saddle River, New Jersey.

Week	Weekly Detailed Course Contents	
1	Theoretical	Cattle and Buffalo production in the world and in Turkey
2	Theoretical	Cattle farm types in Turkey
3	Theoretical	Cattle breeds
4	Theoretical	Reproduction in cattle
5	Theoretical	Reproduction in cattle
6	Theoretical	Calf rearing
7	Theoretical	Rasing replacement heifers
8	Intermediate Exam	Midterm exam
9	Theoretical	Mammary system and lactation
10	Theoretical	Body condition score in cattle
11	Theoretical	Machine milking and mastitis
12	Theoretical	Organic milk production from dairy cattle
13	Theoretical	Organic milk production from dairy cattle
14	Theoretical	Organic meat production from cattle
15	Theoretical	Buffalo production
16	Final Exam	Midterm exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Lecture - Practice	6	0	1	6
Term Project	1	4	1	5
Studio Work	6	0	1	6
Midterm Examination	1	6	1	7



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	To be able to comprehend the importance of cattle in human nutrition,
2	To be able to recognize the characteristics of cattle breeds raised in Turkey,
3	To be able to comprehend the basic concepts about herd management in dairy cattle,
4	To be able to develop skills in calf and replacement heifer rearing,
5	To be able to use his knowledge about the production of organic meat and milk,
6	To be able to develop solutions for cattle diseases,
7	To be able to explain the features of buffalo production.

### Programme Outcomes (Organic Agriculture)

1	
2	
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11	

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

	L3	L5	L6	L7
P4		4		
P5		4		
P6		4		
P8		4	4	
P9	4	4	4	4
P10	4	4		
P11	4	4		

