



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Feeds and Animal Nutrition							
Course Code		ORT207		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	100 (<i>Hours</i>)	Theory	2	Practice	1	Laboratory	0
Objectives of the Course		To explain the importance of the animal nutrition, the functions of feed in animal organism , the comparison of digestive systems of livestock, the ways of evaluating the nutrients in feed, the feeding standards applied to various animal types.							
Course Content		Identification and classification of feeds, the current state of agriculture in our country forage, forage-making techniques and their use in animal feeding (dry fodder, green fodder, silage), canned foods, organic feed and animal nutrition, preparation techniques used (energy, preserved, canned protein commercial feeds, feed additives), feed storage and protection functions of the digestive system and essential nutrients and metabolism, energy metabolism, ration formulation and feeding of dairy cattle, beef cattle nutrition, sheep and goat nutrition, diet-related disorders may occur.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study, 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	Karabulut, A ve Tuncel, E. Zootekniye Giriş. U.Üniv. Zir. Fak. Ders Notları
2	Sevgican, Fevzi. 2001. Ruminatların Beslenmesi Ege. Üniv. Zir Fak

Week	Weekly Detailed Course Contents	
1	Theoretical	Body of the livestock and ingredients of feed
2	Theoretical	The nutrient composition
3	Theoretical	Organic commodities
4	Theoretical	Inorganic commodities
5	Theoretical	Commodities's digestive and absorbtion
6	Theoretical	Classification Recognizing of feed
7	Theoretical	Roughage
8	Intermediate Exam	Midterm exam
9	Theoretical	Feed of root and nub
10	Theoretical	Concentrates-1
11	Theoretical	Concentrates-2
12	Theoretical	Additives
13	Theoretical	Valuable in animal organism of digested nutrition and Demandings commodities Of Live stock
14	Theoretical	Nutrient requirements of farm animals
15	Theoretical	General assessment

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Lecture - Practice	14	0	1	14
Assignment	5	5	0	25
Midterm Examination	1	6	1	7



Final Examination	1	11	1	12
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To be able to recognize the body of the livestock and the ingredients of feed,
2	To be able to identify the substances of feed,
3	To be able to list the general characteristics of organic and inorganic substances,
4	To be able to explain the digestive and absorption of substances,
5	To be able to comprehend digestive systems and digestive functions of livestock
6	To be able to classify types of feed,
7	To be able to explain the factors changing the nutritional value of feeds and to be able to comprehend how to feed animals.

Programme Outcomes (Organic Agriculture)

1	
2	
3	
4	
5	
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8	
9	
10	
11	

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

	L3	L7
P4	4	
P8		4

