



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Animal Feeding and Ration							
Course Code		LVS219		Couese Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	98 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		Aims to teach the importance of feeds which used according to animal species.							
Course Content		Nutrients, the digestive system properties (ruminants, poultry and horses), feed consumption and feed evaluation systems of animals, formulation of the ration given to the animals, the amount and form of oath. Feeding of dairy cattle, beef cattle nutrition, feeding calves and heifers, sheep and goats, feeding, feeding of eggs and broiler chickens, turkeys feeding, feeding of dogs and cats, horses feeding.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Individual Study					
Name of Lecturer(s)		Lec. Okan ERTOSLUK							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Animal nutrition and ration knowledge Prof. Dr. Mustafa SARI, Prof. Dr. İ. Halil ÇERÇİ, Prof. Dr. Duran BOLAT, Prof. Dr. Ahmet G. ÖNOL, Prof. Dr. Suphi DENİZ, Prof. Dr. M. Ali AZMAN, Prof. Dr. Kazım ŞAHİN, Prof. Dr. Talat GÜLER, Doç. Dr. Pinar Tatlı SEVEN, Doç. Dr. M. Akif KARSLI, Doç. Dr. Nurhan ŞAHİN, Doç. Dr. Hüseyin NURSOY, Doç. Dr. Mehmet ÇİFTÇİ, Yrd. Doç. Dr. N. Tuğba BİNGÖL
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Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction of animal feeding and digestive properties.
2	Theoretical	Feed evaluation systems, factors that affects on feed digestibility, nutritious and feed stuff worth of feeds.
3	Theoretical	Fodder, properties of fodder, wet fodder (green feeds, silage feeds, grassland feeds), dry fodder (dry grass, haulm).
4	Theoretical	Concentrate feeds, energy feeds, general features of feeds, grains, oils, vegetable and animal origin protein feeds, general features of protein feeds.
5	Theoretical	Basic information about calf and heifer feeding and feed stuffs needs of these animals.
6	Theoretical	0-2 and 3-5 month calf feeding, 6-12 month and elder age heifer feeding.
7	Theoretical	Basic information about cow feeding in lactation and dry area and food stuff needs.
8	Intermediate Exam	Midterm Exam
9	Intermediate Exam	Midterm Exam
10	Theoretical	Cow feeding in lactation and dry area by periods.
11	Theoretical	Short information about feedstocks which used on feed production for winged animals.
12	Intermediate Exam	Short information about feedstocks that used on horse feeding.
13	Theoretical	Calculation of daily ration needs of cattle, sheep, horse, chicken, pig, cat and dog.
14	Theoretical	Teaching the different ration calculating methods (pearson square, equation, matrix)
15	Final Exam	Teaching the different ration calculating methods (pearson square, equation, matrix)
16	Final Exam	Final Exam
17	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	15	0	3	45
Assignment	2	6	2	16
Midterm Examination	1	15	1	16



Final Examination	1	20	1	21
Total Workload (Hours)				98
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To be able to comprehend feed stuffs and feed evaluation system in animal feeding.;
2	To be able to learn basic principles and importance in cattle feeding.;
3	To be able to learn basic principles and importance in sheep feeding.;
4	To be able to learn basic principles and importance in goat feeding.;
5	To be able to learn basic principles and importance in winged animal feeding.;
6	To be able to learn basic principles and importance in horse feeding.;
7	To be able to comprehend the daily ration needs of animal.;
8	To be able to learn the principles of preparing ration.;

Programme Outcomes (Laboratory and Veterinary Sciences)

1	To be able to understand and use, where information about Veterinary Technician
2	To be able to analyze and synthesize
3	To be able to have awareness of ethical and professional responsibility
4	To be able to recognise the basic features of animal species and breeds
5	To be able to make and test preparation in the laboratory, under the supervision of the veterinarian in charge of registration,
6	To be able to care of animals Asepsis and antisepsis to do with the preoperative and postoperative
7	To be able to control of parasitic infestations and infectious disease prevention and veterinary advice can be helpful when working on
8	To be able to prepare and use of animal feeding protocols in theory
9	To be able to Veterinary examination, imaging, and surgical applications of finding assistance during the application and conduct any kind planned by Veterinarian
10	To be able to Make efforts to enhance productivity in animal husbandry

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	L7	L8
P1	5	4	4	4	3	4	4	4
P2	4	4	4	4	3	4	4	4
P3	4	3	4	4	3	4	4	4
P4	3	4	4	4	3	3	4	4
P5	3	4	3	3	3	4	4	3
P6	3	3	3	3	3	3	3	3
P7	3	3	3	4	3	3	3	4
P8	3	4	3	4	3	3	3	4
P9	3	4	4	4	3	4	3	4
P10	3	4	4	4	3	4	3	5

