AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Concentrate Feed Production and Technology								
Course Code	ZT308		Couse Level	First Cycle (Bachelor's Degree)					
ECTS Credit	4	Workload	98 *(Hours)*	Theory	2	Practice	2	Laboratory	0
Objectives of the Course	Giving basic knowledge on feeds using livestock nutrition								
Course Content	Definition and classification of feeding stuffs , nutritive and feeding value of feed used by farm animal and their usage.								
Work Placement	N								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion								
Name of Lecturer(s)	Prof. Gürhan KELEŞ								

Prerequisites & Co-requisities	
Prerequisite	ZT203

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

Recommended or Required Reading	
1	Karabulut, A., Fiya, İ. 2007. Yemler Bilgisi ve Yem Teknolojisi. U.Ü. Ziraat F.. No:67

Week	Weekly Detailed Course Contents	
1	Theoretical	Relation between feed and animal
2	Theoretical	Definition and classification of feed
3	Theoretical	Forage
4	Theoretical	Fodder and silage
5	Theoretical	Fodder and silage
6	Theoretical	Forage rich in fiber
7	Theoretical	Forage roots and tubers
8	Intermediate Exam	Midterm exam
9	Theoretical	Grain feed
10	Theoretical	Grain feed
11	Theoretical	Industrial by-products (fat, sugar, fermentation and starch-products industry)
12	Theoretical	Industrial by-products (fat, sugar, fermentation and starch-products industry)
13	Theoretical	Animal origin feed
14	Theoretical	Feed additives
15	Theoretical	Sampled and analysis of feed
16	Final Exam	Final Exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	2	28
Midterm Examination	1	15	1	16
Final Examination	1	25	1	26
			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 apprehend the definition and classification of feed
2	To be able to find out the source of forage and concentrate feed.
3	To be able to recognize the nutritive and feeding value of forage
4	To be able to have knowledge about using feed in poultry and ruminant diets
5	To knowledge of feed analysis

Programme Outcomes *(Dairy Technology)*	
1	Having sufficient infrastructure in basic sciences and engineering subjects and ability to use the theoretical and applied info instantly in this field.
2	Determining the modern techniques, tools and information technologies required for applications related with his field and ability to use them efficiently
3	Ability for planning, projecting, and designing, following up, analyzing and finding target-driven solutions related with his field
4	Ability to have professional ethic and awareness.
5	Ability to work, decide, express opinions orally and in written individually
6	Ability to participate team studies, taking responsibility, making leadership.
7	Ability to conceive Ataturk’s principles and reforms, to communicate in Turkish and foreign language.
8	Ability to comprehend the necessity to learn for a life time, to monitor developments in science and technology and continuously renew himself.
9	Having sufficient level of information about production and quality control of milk and dairy products and also product development, increasing product quality and food security fields.
10	Ability to detect, define, solve problems related with his field and to select and apply suitable methods and modeling techniques for this purpose.
11	To be conscious about workplace applications, worker health, work security and environment subjects, to have knowledge about legal results of the engineering applications related with his subject.

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

	L1	L2	L3	L4	L5
P1	4	4	4	4	4
P8	4	4	4	4	4