AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Buffalo Production							
Course Code		ZT436		Couse Level		First Cycle (Bachelor's Degree)			
ECTS Credit	2	Workload	55 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		to have knowledge about the products of buffalo production and buffaloes in the world and in Turkey,							
Course Content		Usage areas of buffaloes, buffalo rasing in the world and in Turkey, basic buffalo breeds, reproduction in buffaloes, nutrition of buffaloes, buffalo housing and equipments							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)		Prof. Atakan KOÇ							

Prerequisites & Co-requisities	
Prerequisite	ZT100

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

Recommended or Required Reading	
1	Antonio Borghese, 2005. BUFFALO PRODUCTION AND RESEARCH. FAO REGIONAL OFFICE FOR EUROPE INTER-REGIONAL COOPERATIVE RESEARCH NETWORK ON BUFFALO (ESCORENA).

Week	Weekly Detailed Course Contents	
1	Theoretical	Situation of buffalo raising in the world and in Turkey
2	Theoretical	Some mophological characterisitcs of buffaloes
3	Theoretical	Buffaloe breeds in the world and in Tukey
4	Theoretical	Buffaloe breeds in the world and in Tukey
5	Theoretical	Reproduction in buffaloes
6	Theoretical	Reproduction in buffaloes
7	Theoretical	Buffalo calf rearing
8	Intermediate Exam	Midterm exam
9	Theoretical	Production traits in buffaloes
10	Theoretical	Buffaloe management
11	Theoretical	Nutrition of buffaloes
12	Theoretical	Buffalo milk and meat production
13	Theoretical	Buffaloe products
14	Theoretical	Buffaloe diseases and prevention from them
15	Theoretical	Buffaloe diseases and prevention from them
16	Theoretical	Final Exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	10	1	11
Final Examination	1	15	1	16
			Total Workload (Hours)	55
			[Total Workload (Hours) / 25*] = **ECTS**	2

**25 hour workload is accepted as 1 ECTS*

Learning Outcomes	
1	1. To be able to have knowldge about buffalo raising in Turkey and in the world and usage areas of buffaloes
2	2. To be able to know buffaloe breeds and have ability to define them
3	3. To be able to know buffaloe reproduction, nurtition and housing
4	4. To be able to know buffalo products
5	Buffaloe management

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