



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Cattle Breeding							
Course Code		TRİ207		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 teach all aspects of Cattle and Buffalo Breeding							
Course Content		The importance of cattle breeding, cattle breeding in the world and Turkey, cattle breeds, cattle imprvoment, beeding practicals , cattle housing, the anatomical structures of theudder, , milking and milking procedures, record keeping, calf rearing, feeding of cattle, health protection methods, buffalo breeding.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Experiment, Demonstration, Discussion, Individual Study, Problem Solving					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Arpacık, R., 1995. Entansif Sığır Besiciliği, Şehir Matbaası, Ankara
2	Özhan, M., Tüzemen, N., Yanar, M. 2001. Büyükbaş Hayvan Yetiştirme, Atatürk Üniv. Ziraat Fak., Zootehni Bölümü Yayınları, Erzurum.

Week	Weekly Detailed Course Contents	
1	Theoretical	Importance of Cattle Breeding, Cattle breeding in the World and Turkey, World Cattle Breeds
	Practice	General information about cattle
2	Theoretical	Factors affecting on cattle breeding, Cattle farm forms.
	Practice	Observation in a cattle farm
3	Theoretical	Some Breeding practises in cattle farms.
	Practice	To learn the names of cattle according to age groups
4	Theoretical	Some Breeding practises in cattle farms.
	Practice	Natural insemination and Artificial insemination
5	Theoretical	Cattle Housing
	Practice	Visiting different cattle housing...
6	Theoretical	Anatomical structure of the udder
	Practice	anatomical structure of the udder
7	Theoretical	Milk formation and lactation.
	Practice	Milk formation and lactation.
8	Intermediate Exam	Midterm
9	Theoretical	General Endocrinology of the dairy cattle and milking
	Practice	Milking and milking methods
10	Theoretical	Calf and heifer breeding...
	Practice	Calf and heifer breeding...
11	Theoretical	Fattening
	Practice	Fattening rations
12	Theoretical	Fattening
	Practice	Fattening rations
13	Theoretical	Buffalo breeding
	Practice	Breeding practices in Buffalo Breeding
14	Theoretical	Buffalo breeding



14	Practice	Breeding practices in Buffalo Breeding.
15	Theoretical	Beef cattle breeding
	Practice	Beef classification
16	Final Exam	Final exam.

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	1	14
Assignment	10	0	2	20
Seminar	1	1	1	2
Land Work	14	0	1	14
Reading	10	0	2	20
Midterm Examination	1	0	1	1
Final Examination	1	0	1	1
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Knows the benefits of cattle breeding
2	Recognize to cattle farming types
3	Knows practical breeding practices that should be applied in cattle farms.
4	Knows the planning of cattle housing
5	Knows to Buffalo breeding

Programme Outcomes (Agricultural Management)

1	To be able to comprehend the basic management, economy and agricultural management
2	To be able to acquire basic information in excessive, profitable and quality production of vegetable and animal products
3	To be able to manage production in factory, to prepare project and to keep business records
4	To be able to develop solutions in agricultural management
5	To be able to comprehend optimally preparation and marketing in agricultural foods process
6	To be able to follow professional developments and to acquire knowledge to use technological resources
7	To be able to reach the scientific data using computer and the internet
8	To be able to determine the problem about agricultural management, to analyze, to develop solutions and suggestions
9	To be able to comprehend Atatürk Principle and Revolution
10	To be able to take precautions about the problems related to first aid and occupational safety in the enterprise, to solve the problems
11	To be able to use Turkish well, to communicate orally and in writing, to have knowledge of professional ethics and responsibility

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	3	3	3	3	4
P2	3	3	3	3	3
P3	5	4	3	3	3
P4	5	5	5	3	3
P5	4	5	4	3	4
P7	3	3	3	3	5
P10	3	3	4	3	3

