



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Introduction to Physiology							
Course Code		LVS105		Couese Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	76 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		The purpose of this course is to provide basic knowledge about the physiology of poultryin ,body fluids, cells, blood, nervous, sensory, muscle, hormones, reproduction.							
Course Content		Introduction and basic concepts in physiology, cell physiology, body fluids, blood physiology, blood cells, blood clotting, lymph circulation, muscle system, systems, nerve physiology, the nervous tissue degeneration, reflexes							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Basic Veterinary Physiology, Cengiz F., Sulu N., Galip N., Altınışat Ç., Yalçın M.
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Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction and basic concepts of physiology
2	Theoretical	Cell Physiology
3	Theoretical	Blood physiology
4	Theoretical	Physiology of blood circulation
5	Theoretical	Physiology of blood circulation
6	Theoretical	Respiratory and urinary tract physiology
7	Theoretical	Respiratory and urinary tract physiology
8	Intermediate Exam	Midterm exam
9	Theoretical	Nervous system and the senses
10	Theoretical	Nervous system and the senses
11	Theoretical	Muscle physiology
12	Theoretical	Muscle physiology
13	Theoretical	Physiology of the digestive system
14	Theoretical	Physiology of the digestive system
15	Theoretical	Reproductive and hormonal physiology
16	Final Exam	Final exam
17	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	3	56
Midterm Examination	1	8	1	9
Final Examination	1	10	1	11
Total Workload (Hours)				76
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	to be able to be familiar with The basic concepts of body fluids
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2	to be able to be familiar with Permeability of cell membranes, duties of organelles and intercellular communication mechanisms.
3	To be able to be familiar with the general properties of the blood, tasks of blood and production of blood.
4	To be able to be familiar with general properties of systems
5	To be able to be familiar with the Basic informations of circulatory, respiratory, excretory, nervous, muscular, digestive and reproductive systems.

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 Veterinarian 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
P1	4	4	4	4	4
P2	3	4	3	4	4
P3	2	2	2	2	2
P4	3	3	3	3	3
P5	4	3	4	3	4
P6	3	3	3	3	3
P7	3	4	4	4	4
P8	3	3	2	3	3
P9	4	4	5	4	4
P10	3	3	3	3	3

