AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Biosecurity and Environment Health						
Course Code		LVS222		Couse Level		Short Cycle (Associate's Degree)		
ECTS Credit	3	Workload	75 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To inform the audience about the control of epidemic diseases, the increase of micro-biological security in animal products and the protection of the environment						
Course Content		Description of biosecurity and its importance, Source of infection, Food and soil pollution and additives, New approaches in environmental protection						
Work Placement		N/A						
Planned Learning Activities and Teaching Methods			Explanation (Presentation), Demonstration, Individual Study					
Name of Lecturer(s)		Lec. Devrim BEYAZ, Lec. Okan ERTOSLUK						

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Environmental Health

Weekly Detailed Course Contents

Week		Weekly Detailed Course Contents
1	Theoretical	Description of biosecurity and its importance
2	Theoretical	Source of infection
3	Theoretical	Forms of infection contagion
4	Theoretical	Porter and kinds of porter
5	Theoretical	Epizootiology
6	Theoretical	Critical control points
7	Theoretical	Biological control
8	Intermediate Exam	Midterm exam
9	Intermediate Exam	Midterm exam
10	Theoretical	Natural resources and importance
11	Theoretical	Food and soil pollution and additives
12	Theoretical	Environmental pollution
13	Theoretical	Environmental toxicology
14	Theoretical	New approaches in environmental protection
15	Theoretical	New approaches in human and animal health protection
16	Final Exam	Final Exam
17	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	0	2	26
Individual Work	13	0	2	26
Midterm Examination	1	9	1	10
Final Examination	1	12	1	13
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = **ECTS**				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To be able to recognize the factors which threatens the biosecuritiy

2	To be able to check critical control points in companies
3	To be able to detect unhealthy food production
4	To be able to detect environmental pollution
5	To be able to take pre-cautions for human and environmental health
6	To be able to follow microbiological controls of drinking water periodically
7	To be able to take pre-cautions for healthy production of animal origin products
8	To be able to prepare biosecuritiy program in companies

Programme Outcomes *(Laboratory and Veterinery 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 tomake 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 toprepare and use of animal feeding protocolsIn 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	L6	L7	L8
P1	4	3	3	3	4	3	4	4
P2	4	3	3	3	4	4	4	4
P3	3	3	4	3	4	3	4	4
P4	3	1	1	1	1	1	1	1
P5	4	1	1	1	1	1	1	1
P6	3	1	1	1	1	1	1	1
P7	3	1	1	1	1	1	1	1
P8	3	1	1	1	1	1	1	1
P9	4	1	1	1	1	1	1	1
P10	3	1	1	1	1	1	3	1