

AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	Animal Production Structur	es					
Course Code	se Code ZTY621 Couse Level Third Cycle (Doctorate Degree)		gree)				
ECTS Credit 6	Workload 150 (Hours)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	Requirements of the animals in the shelter, to determine the environmental conditions in animal shelters, dairy and beef cattle barn, sheep and chickens and a vital effect on the performance of production, auxiliary facilities, design principles, feeding systems, animal management facilities, such as waste management issues.						
Course Content	The creation of a healthy a to organize in a rational wa Environmental pollution on the rules that determine the	nd comfort y, Animal human he productio	able environm husbandry to alth and the a n and design.	ent for Animal achieve econo ppropriate buil	s and caregiv mic and ecol ding design to	vers, The necessa ogical aspects, o achieve complia	ary labor ance with
Work Placement	N/A						
Planned Learning Activities and Teaching Methods		Explanati Study, Pr	ion (Presentat oblem Solving	ion), Discussic 9	on, Project Ba	ased Study, Indivi	dual
Name of Lecturer(s)							

Assessment Methods and Criteria

Method	Quantity Percentage (
Midterm Examination	1	40	
Final Examination	1	60	

Recommended or Required Reading

1	Ekmekyapar, T., 2001. Tarımsal Yapılar. Atatürk Üniversitesi Ziraat Fakültesi Yayınları, Yayın No: 204,
2	Balaban, A., 1988. Tarımsal Yapılar. Atatürk Üniversitesi Ziraat Fakültesi Yayınları, Yayın No: 1083
3	Ekblaw, K.J.T., 2003 "Farm Structures" (Fredonia Books) ISBN: 1410104389
4	Lindley, J.A., 1997 Agricultural Buildings & Structures, American Society of Agricultural & Biological Engineers; Revised edition, ISBN-10: 0929355733

Week	Weekly Detailed Cours	se Contents				
1	Theoretical	Animal Production Structures course, subject, scope, content				
2	Theoretical	Animal Production Structure Classification by Type of the Aquaculture				
3	Theoretical	Control of environmental conditions				
4	Theoretical	Computer applications related to environmental control				
5	Theoretical	Hosted systems				
6	Theoretical	Effects on host systems and environmental conditions				
7	Theoretical	Dairy and beef cattle barns design principles				
8	Theoretical	Sample Applications				
9	Intermediate Exam	MID-TERM EXAM				
10	Theoretical	Small Ruminant Animal Shelters Properties and Design Criteria				
11	Theoretical	Poultry barns (chicken, rabbit, turkey, duck, goose,)				
12	Theoretical	Other shelters (Fish,)				
13	Theoretical	Feeding systems				
14	Theoretical	Animal management facilities, waste management				
15	Theoretical	Other applications				
16	Final Exam	FİNAL EXAM				

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	6	3	126
Midterm Examination	1	8	2	10



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Final Examination	1		12	2	14	
	Total Workload (Hours)			150		
[Total Workload (Hours) / 25*] = ECTS			6			
*25 hour workload is accepted as 1 ECTS						

Learn	ing Outcomes
1	To be able to Research necessary data for the design of the project and the different design and work with other disciplines
2	To be able to apply modern techniques and technologies on the projects
3	Agricultural structures design functional and environmentally sound manner.
4	Existing structures and construction projects designed to analyze, identify and solve problems.
5	To comprehend and applying legislations about the animal housing.

Programme Outcomes (Agricultural Structures and Irrigation Doctorate)

1	Ability to analyze, synthesize and evaluate different forms of scientific knowledge in the field of studies
2	Approach to information systematically, and gain skills related to their field the research methods
3	Innovative science to develop a scientific method or a method that is known to practice in their field
4	Ability to organize and manage the project and advanced scientific research
5	Advanced technologies, find solutions to engineering problems taking advantage of the software and model approaches
6	Creative, unbiased and critical thinking
7	A topic in the field of written, verbally and visually as the ability to express
8	Ability to publish in refereed journals National and international the results of studies

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	5	5	5	5	4
P2	4	5	5	4	5
P3	4	4	5	4	5
P4	4	5	5	4	4
P5	5	4	5	5	5
P6	5	5	4	5	3
P7	5	4	5	5	5
P8	4	4	5	4	5