AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Animal Housing								
Course Code	BSM216		Couse Level	First Cycle (Bachelor's Degree)					
ECTS Credit	3	Workload	77 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Design of animal production structures, physical planning of rural settlements, planning and design of the environment (temperature, humidity, ventilation) and hosting an organism consistent with these facilities								
Course Content	Importance and environment control of animal production structures; Designing of dairy and beef cattle and sheep housing; Designing of chicken housing.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Project Based Study, Individual Study, Problem Solving								
Name of Lecturer(s)	Assoc. Prof. Ersel YILMAZ								

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

Recommended or Required Reading	
1	Balaban, A., Şen, E., 1988. Tarımsal Yapılar. Ders Kitabı, Ankara Üniversitesi Ziraat Fakültesi Yayınları: 1083, Ankara
2	Balaban, A., Şen, E., 1984. Tarımsal İnşaat. Ders Kitabı, Ankara Üniversitesi Ziraat Fakültesi Yayınları: 904, Ankara
3	Mutaf, S., Sönmez, R., 1984. Hayvan Barınaklarında İklimsel Çevre ve Denetimi. E.Ü.Z.F. Yayınları : 438, İzmir

Week	Weekly Detailed Course Contents	
1	Theoretical	Description of agricultural buildings and designing
2	Theoretical	Content of a design project
3	Theoretical	Content of a design project
4	Theoretical	Planning the forms of agricultural settlements in the plant center.
5	Theoretical	Environmental conditions in designing of agricultural buildings.
6	Theoretical	Climatic conditions in designing of agricultural buildings.
7	Theoretical	Heat balance in the agricultural buildings.
8	Theoretical	Heat balance in the agricultural buildings.
9	Theoretical	Designing of dairy and beef cattle housing.
10	Theoretical	Designing of dairy and beef cattle housing.
11	Theoretical	Designing of sheep housing.
12	Theoretical	Designing of sheep housing
13	Theoretical	Designing of sheep housing
14	Theoretical	Designing of chicken housing.
15	Theoretical	Designing of chicken housing
16	Final Exam	Final Exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Midterm Examination	1	10	1	11
Final Examination	1	9	1	10
			Total Workload (Hours)	77
			[Total Workload (Hours) / 25*] = **ECTS**	3
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	To be able to associate basic engineering knowledge with design principles.
2	To be able to research required data for project design and to work with different disciplines.
3	To be able to apply modern techniques and technologies for project design.
4	To be able to design agricultural buildings functional and environmentally sensitive.
5	To be able to analyze present buildings and projects, and to identify and solve the problems

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	5	5	5	5	5