



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Feed Science and Technology							
Course Code		TRİ203		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	101 (<i>Hours</i>)	Theory	2	Practice	1	Laboratory	0
Objectives of the Course		Study to feeds and mixed feeds							
Course Content		Caracterization of feeds and raw materials. Mixed feeds. Production of mixed feeds and feed processing techniques							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), 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	Yemler Bilgisi ve Yem Teknolojisi – Prof.Dr.Nihat Özen, Prof.Dr.Ahmet Çakır, Prof.Dr.Sümer Haşimoğlu, Prof.Dr. Ayhan Aksoy
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Week	Weekly Detailed Course Contents	
1	Theoretical	Feeds and classifications
	Practice	Examine to roughage, grain and mixed feeds
2	Theoretical	Roughages
	Practice	Use of straw and silage
3	Theoretical	Roughages and silage production
	Practice	Drying of weeds. Silage production
4	Theoretical	Energy feeds
	Practice	Corn, wheat and barley using in feeds.
5	Theoretical	Energy feeds
	Practice	Fats and using in feeds.
6	Theoretical	Protein additives feeds
	Practice	Sunflower, soybean, cotton and canola meals using in feeds
7	Theoretical	Protein feeds
	Practice	Rendering meals and oils use in feed
8	Intermediate Exam	Midterm exam
9	Theoretical	Vitamin feeds
	Practice	Vitamin premix use in feeds
10	Theoretical	Mineral feeds
	Practice	Minerals and mineral premix use in feeds
11	Theoretical	Feed additives
	Practice	Commercial feed additives
12	Theoretical	Feed additives
	Practice	Commercial feed additives
13	Theoretical	Mixed feeds
	Practice	Production of mixed feeds
14	Theoretical	Feeds technology
	Practice	Feed factory equipments
15	Theoretical	Feeds technology
	Practice	Feed factory equipments
16	Final Exam	Final exam



Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	1	2	39
Lecture - Practice	13	1	1	26
Individual Work	13	0	1	13
Midterm Examination	1	7	1	8
Final Examination	1	14	1	15
Total Workload (Hours)				101
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Characterization of feeds and raw materials
2	To know and uses to energy feeds
3	To know and uses to protein feeds
4	Produce to mixed feeds and feeds processing techniques
5	Produce to mixed feeds

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	2	2	2	2	2
P2	1	1	1	1	1
P3	3	3	3	3	3
P4	4	4	4	4	4
P5	5	5	5	5	5
P6	5	5	5	5	5
P7	3	3	3	3	3
P8	3	3	3	3	3
P11	1	1	1	1	1

