AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Field Crops Pests								
Course Code	BKR204		Couse Level	Short Cycle (Associate's Degree)					
ECTS Credit	2	Workload	50 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	To be able to recognize the pests of field crops and learn to control methods for plant protection								
Course Content	The pests of field crops and control methods								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Case Study, Individual Study, Problem Solving								
Name of Lecturer(s)	Prof. Özgür GÜÇLÜ								

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

Recommended or Required Reading	
1	Course notes of lecturer
2	Presentations and Lecture Notes Compiled From Different Sources
3	Zirai Mücadele Teknik Talimatları (Cilt1,6). Bitki Koruma Ürünleri

Week	Weekly Detailed Course Contents	
1	Theoretical	Nematodes and methods of control in field crops of these pests
2	Theoretical	Harmful mollusk, worm, mite species in field crops and their conrtol methods of these pests
3	Theoretical	Harmful grasshopper types in field crops and their control methods of these pests
4	Theoretical	Description of Gryllotalpa gryllotalpa and biology, control methods
5	Theoretical	Description of Eurygaster spp., Aelia rostrata, Zabrus spp. and their biology and control methods of these pests
6	Theoretical	Description of Syringopais temperatella, Pachytychius hordei, Sesamia spp. and their biology and control methods
7	Theoretical	Description of Ostrinia nubilali., Bruchus spp. and their biology and control methods of these pests
8	Intermediate Exam	Midterm exam
9	Theoretical	Description of Ottorhynchus spp. biology and control methods
10	Theoretical	Harmful aphids in field crops and biology, control methods
11	Theoretical	Identification of cotton pests and the biology and control methods of these pests
12	Theoretical	The definition of sugar beet pests and the biology and control methods of these pests
13	Theoretical	Identification of sunflower, potato, tobacco and soy pests and mice and the biology and control methods of these pests
14	Theoretical	Lesson repeats
15	Theoretical	Lesson repeats

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	1	2	0	2
Midterm Examination	1	9	1	10
Final Examination	1	9	1	10
			Total Workload (Hours)	50
			[Total Workload (Hours) / 25*] = **ECTS**	2
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Recognizing the pests of field crops
2	To be able to learn how to control pests in field crops
3	To be able to Learn when to control against pests
4	Learn the economic importance of pests in field crops.
5	To be able to recognize the damages in field crops.

Programme Outcomes *(Plant Protection)*	
1	To be able to learn about systematics, morphological, biological, ecological and epidemiological information about diseases, pests and weeds that cause the loss of the crop at every stage of production,
2	To be able to become familiar with agricultural management control methods and their use in control of plant diseases, pests and weeds in cultivated agricultural crops,
3	To be able to diagnose and identify plant diseases, insect, mite or nematode pests or weeds that cause economical losses in stored crops and products,
4	To be able to use pesticides safely and effectively and informed about their hazardous non-target effects on the environment and human health.
5	To be able to learn plant protection products and their practice in organic agriculture,
6	To be able to evaluate the information obtained throughout the learning process with cause-effect relations, to be able to collect data and transfer the results to practice, and to predict where, when and why to use the information
7	To be able to comply with professional, cultural, social ethic rules in his / her field and to be entrepreneurial
8	To be able to have conscious of the universality of social rights, social justice, quality and cultural values, environment protection, occupational health and safety issues
9	To be able to use information and communication technologies together with the required computer software of his / her field
10	To be able to have the necessary background and qualifications to work in public and private agriculture sectors, to be able to conduct a study independently / as a team member and to be able to comply with the relevant legislation

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	3	4	3	2
P2	4	4	3	3	2
P3	4	3	3	3	2
P4	4	3	3	3	2
P5	2	3	2	2	2
P10	2	3	3	3	2