



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Weeds and Their Control							
Course Code		BK328		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	4	Workload	103 ( <i>Hours</i> )	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		To give information about the definition, biology, negative and positive impacts and control of weeds in agricultural areas							
Course Content		To give information about the definition, biology, negative and positive impacts and control of weeds in agricultural areas							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)									

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Herbology
2	Yabancı otlar ve Mücadelesi, Selçuk Üniv

Week	Weekly Detailed Course Contents	
1	Theoretical	Weed definition
2	Practice	Introduction of weeds
3	Practice	Field works
4	Theoretical	Competition
5	Practice	competition
6	Theoretical	Weed biology
7	Practice	Weed biology
8	Theoretical	weed control principles
9	Theoretical	Weed control
10	Practice	Weed control methods
11	Theoretical	Cultural control
12	Theoretical	mechanical control
13	Theoretical	phsycal control
14	Theoretical	Biological control
15	Theoretical	Biological control
16	Final Exam	Final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	1	42
Lecture - Practice	14	2	1	42
Midterm Examination	1	8	1	9
Final Examination	1	9	1	10
Total Workload (Hours)				103
[Total Workload (Hours) / 25*] = ECTS				4

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	Students recognises weeds and knows their control
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#### Programme Outcomes (Agricultural Biotechnology)

1	Mathematics, science and Agricultural Engineering, adequate knowledge of the subjects specific to the discipline of Agricultural Biotechnology; ability to use theoretical and applied knowledge in these fields in complex engineering problems.
2	Agricultural Engineering ability to define, formulate and solve complex problems in the field of Agricultural Biotechnology, to choose and apply appropriate analysis and modeling methods for this purpose.
3	Agricultural Engineering ability to design a complex system, process, device or product related to the field of Agricultural Biotechnology, under realistic constraints and conditions, in other words, by considering the available possibilities and the current state of the field, and the ability to apply modern design methods for this purpose.
4	Agricultural Engineering ability to choose and use modern tools necessary for the analysis and solution of complex problems encountered in Agricultural Biotechnology applications, the ability to use information technologies effectively.
5	Agricultural Engineering ability to design, conduct experiments, collect data, analyze and interpret results for the examination of complex problems or discipline-specific research issues in the field of Agricultural Biotechnology.
6	Ability to work effectively in disciplinary and multi-disciplinary teams; individual study skills.
7	Ability to write effective reports in the field and to understand written reports, to prepare design and production reports, to make effective presentations, to take and give clear and understandable instructions.
8	Awareness of the necessity of lifelong learning; the ability to access information, follow developments in science and technology, and constantly renew oneself.
9	Knowledge of ethical principles, professional and ethical responsibility, and standards used in engineering practices.
10	Agricultural Engineering Information about applications in business life such as project management, risk management and change management in the field of Agricultural Biotechnology; awareness of entrepreneurship, innovation; information about sustainable development.
11	Agricultural Engineering Information about the effects of Agricultural Biotechnology applications on health, environment and safety in universal and social dimensions and the problems of the age reflected in the field of engineering; awareness of the legal consequences of engineering solutions.

