



AYDIN ADNAN MENDERES UNIVERSITY
KOÇARLI VOCATIONAL SCHOOL
MECHANICAL AND METAL TECHNOLOGY
AGRICULTURAL MACHINERY
COURSE INFORMATION FORM

Course Title	Environmental Biology								
Course Code	BYL111	Course Level			Short Cycle (Associate's Degree)				
ECTS Credit	3	Workload	76 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course									
Course Content									
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation)								
Name of Lecturer(s)	Ins. Emre AĞCAGİL, Ins. Nuri KİLİMCI								

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Külköylüoğlu, O. (2009) Çevre ve Çevre (İnsan doğa ilişkileri), Abant İzzet Baysal Üniv. Döner Sermaye Basımevi, ISBN 975-321-017-5.
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Week	Weekly Detailed Course Contents	
1	Theoretical	Çevre kavramı
2	Theoretical	Çevrenin değeri ve önemini
3	Theoretical	Çevrenin eşya, hizmet ve bilgi değeri
4	Theoretical	Çevrenin içsel ve maddi değeri
5	Theoretical	Tür kavramı ve çevre koruması
6	Theoretical	Çevre sorunları
7	Theoretical	Hava kirliliği
8	Intermediate Exam	Ara sınav
9	Theoretical	Su kirliliği
10	Theoretical	Genetiği değiştirilmiş organizmalar
11	Theoretical	Enerji kaynakları
12	Theoretical	Fosil yakıtlar
13	Theoretical	Hidroelektrik santralleri
14	Final Exam	Final sınavı

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	10	1	2	30
Assignment	4	4	4	32
Midterm Examination	1	5	2	7
Final Examination	1	5	2	7
			Total Workload (Hours)	76
			[Total Workload (Hours) / 25*] = ECTS	3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Çevre kavramını anlayabilir
2	Çevrenin değeri ve önemini kavrayabilir
3	Tür kavramlarının çevre korumasındaki önemini anlayabilir
4	Çevre sorunlarını öğrenebilir



5	Enerji üretimi ve çevre sorunları ilişkisini kavrayabilir
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Programme Outcomes (Agricultural Machinery)

1	To be able to comprehend social, cultural and societal responsibility and keep up with national and international up contemporary issues and developments.
2	To be able to be bounded to the Atatürk nationalism, adopted to the national, ethic, spiritual and cultural value of the Turkish Nation, opened to the universal and modern development, adopted the richness, deep seated and productive properties of the Turkish language, having language sympathy and awareness, having reading pleasure and habit and having sufficient foreign language for their vocational necessities, In the directions of the Atatürk Principles and Revolutions,
3	To be able to recognize the basic computer hardware and operating systems , knowledge of internet usage being able to prepare documents, electronic tables and presentation by using office programs.
4	To be able to be aware of ethic responsibility and vocational profession and to have consciousness of a lifelong learning concept
5	To be able to know current vocational issues and to have skill to define and interpret them.
6	To be able to be aware of the universal and social dimensional effects in engineering solutions, and to be able to have knowledge about entrepreneurship and newfangledness.
7	To recognize the materials which used for preparation of agricultural machinery and have skill for the choosing the appropriate material.
8	To be able to acquire the skill of using the necessary tools and equipments which are used in the production and maintenance of agricultural machinery.
9	To be able to prepare the agricultural tools and machineries, to determine the breakdowns and to do periodic maintenance and repairs.
10	To be able to comprehend the picture of the agricultural tools and machinery and their fabrication , and have the skill to draw them via computer.
11	To be able to assemble and to combine machinery pieces by using demountable and nondetachable junction methods.
12	To be able to have the skill of resistance calculations of the agricultural tool and machinery on computer.
13	To be able to test and control the suitability of new machines and mechanic equipment to the definite standarts and technical properties.
14	To be able to have general knowledge of agricultural production.
15	To be able to have knowledge of basic sciences.

