AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Principles of Vegetable Crops								
Course Code	BB222		Couse Level	First Cycle (Bachelor's Degree)					
ECTS Credit	4	Workload	94 *(Hours)*	Theory	2	Practice	2	Laboratory	0
Objectives of the Course	The aim of this course to teach to student basic vegetable growing information and applications and to provide them to comprehend Turkey vegetable growing situation and position in the world.								
Course Content	Vegetable and vegetable growing definition, position and importance of vegetable growing in Turkey economy, nutrition value of vegetables, classification of vegetables, vegetable management types, the effective factors on vegetable growing, setting and limitation of the vegetable garden, preparation of growing site, vegetable growing soils, preparation of soils, equipment and tools in soil cultivation, irrigation and irrigation methods, seed and seed preservation, effective factors on growing, vegetable propagation types, seedling growing, media in vegetable growing, planting of seedlings, maintenance in vegetable garden, consumption types, alternation and importance in vegetable growing.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Individual Study								
Name of Lecturer(s)	Lec. Özlem AKAN, Prof. Uğur ŞİRİN								

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

Recommended or Required Reading	
1	Şalk, A., Arın, L., Deveci, M., Polat, S. 2008. Özel Sebzecilik. NKU, Ziraat Fakültesi, Bahçe Bitkileri Bölümü, 488 s., Tekirdağ
2	Bayraktar, K. 1973 SEBZE YETİŞTİRME
3	Decoteau, D. R. 2000. VEGETABLE CROPS Prentice Hall, New Jersey, 464 pages. ISBN 0-13-956996-0.
4	Günay, A. 2005. SEBZE YETİŞTİRİCİLİĞİ Cilt I ve Cilt II
5	Vural, H., Eşiyok, D., Duman, İ. 2000 Kültür Sebzeleri. Bornova, İZMİR.

Week	Weekly Detailed Course Contents	
1	Theoretical	
2	Theoretical	
3	Theoretical	
4	Theoretical	
5	Theoretical	
6	Theoretical	
7	Theoretical	
8	Intermediate Exam	
9	Theoretical	
10	Theoretical	
11	Theoretical	
12	Theoretical	
13	Theoretical	
14	Theoretical	
15	Theoretical	
16	Final Exam	

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Lecture - Practice	14	1	2	42
Midterm Examination	1	3	1	4

Final Examination	1	5	1	6
			Total Workload (Hours)	94
			[Total Workload (Hours) / 25*] = **ECTS**	4
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	
2	
3	
4	
5	
6	

Programme Outcomes *(Agricultural Biotechnology)*	
1	To be able to develop skills in identifying, modeling and solving problems in agricultural biotechnology
2	To be able to synthesize life and engineering sciences for the effective resource planning of agricultural biotechnology applications
3	To be able to interpret about living organisms structure, metabolic and physiological processes in order to propose biotechnological solutions to the agricultural problems
4	To be able to analyze genomic, metabolomic and proteomic information via bioinformatic tools.
5	To have the ability to analyze collected data and interpret the results.
6	To have the ability of individual working ability and to make independent decisions, to work in inter-disciplinary and interdisciplinary teamwork, to communicate by expressing their ideas orally and in writing, clearly and concisely
7	To have the awareness of professional liabilities and ethics
8	To be able to follow current national and international problems

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4	L5	L6
P1	1	1	1	1	1	1
P2	2	2	2	2	2	2
P3	2	2	2	2	2	2
P4	1	1	1	1	1	1
P5	2	2	2	2	2	2
P6	2	2	2	3	2	2
P7	3	2	3	4	3	3
P8	3	3	3	5	3	3