



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Stimulant Plants							
Course Code		TB312		Couse Level		First Cycle (Bachelor's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		To instruct the growing techniques by introducing stimulant plants							
Course Content		The importance of stimulant plants, in the world and our country acreage, production, yields, history, origin, systematic, morphological and physiological characteristics, climate and soil requirements, crop rotation, soil preparation, varieties and seed, seedling, sowing, planting, cultural practices (hoeing, fertilizing, irrigation, etc.), harvesting and drying							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion					
Name of Lecturer(s)		Prof. Mustafa Ali KAYNAK							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	1. Er, C., Yıldız, M., 2003. Keyf Bitkileri. Ankara Üni. Zir. Fak. Ders Kitabı, No:487
2	2. İncekara, F., 1971. Keyf Bitkileri ve Islahı. E.Ü.Z.F. Yay. No:84. İZMİR.

Week	Weekly Detailed Course Contents	
1	Theoretical	Classification and importance of stimulant plants
	Practice	Introduction of varieties
2	Theoretical	Importance of tobacco, it's history, systematic and species
	Practice	literature review
3	Theoretical	Tobacco planting area, production, yield, importing, exporting and consumption
	Practice	literature review
4	Theoretical	Morphologic characteristics of tobacco
5	Theoretical	Climate and soil requirements in tobacco production, rotation
6	Theoretical	Soil preparation, seedling types, cultivars, seed preparation, sowing and planting
	Practice	literature review
7	Theoretical	Cultural practices
8	Practice	survey of tool-equipment
9	Theoretical	Drying and ordering
10	Theoretical	Fermentation
11	Intermediate Exam	Midterm Exam
12	Theoretical	Importance of hop, it's history, systematic, production statistics and morphologic characteristics
	Practice	literature review
13	Theoretical	The cultivation of hop
	Practice	literature review
14	Theoretical	Importance of anise, it's history, systematic, production statistics and morphologic characteristics
15	Theoretical	The cultivation of anise
16	Final Exam	Final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	2	28
Midterm Examination	1	7	2	9



Final Examination	1	8	2	10
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	1. To be able to evaluate the importance of stimulant plants in field crops production
2	2. To be able to have sufficient information on growing techniques for productive, high quality and an economic production
3	3. To be able to synthesize, think analytically, and find solution by monitoring developments on growing techniques
4	4. To be able to solve the problems in the stimulant plants production.
5	5. To be able to reveal the production potential of stimulant plants in Turkey

### 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
P1	5	3	5	3	5
P2	3	4	4	3	4
P3	3	4	4	3	4
P4	2	4	4	3	3
P5	3	2	4	4	4
P6	5	2	3	4	4
P7	5	3	3	3	4
P8	5	4	3	5	4

