



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Seed Production of Medicinal and Aromatic Crops							
Course Code		TAB102		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Course objectives are to inform about seed structure, seed production techniques, and seed technology of medicinal and aromatic crops							
Course Content		Reproduction of crops, seed development, seed morphology and anatomic structures of medicinal and aromatic crops, seed standarts and tests, seed storage, seed rules, and seed production techniques general procedures will be introduced at this lecture.							
Work Placement		Students have to complete their internship and properties within the required thirty work days time. The required rules are describes at the Adnan Menderes University, Sultanhisar Vocational School, Student Internship Instructions.							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)									

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Instructor Lecture notes
2	Seed Science and Technology I: Benian Eser, Hikmet Saygılı, Adem Gökçöl, Emre İlker, Ege University Seed Technology Center, Bornova-İZMİR, 2005.
3	Seedling and Its Technology: A Prof.Dr. Sezen Şehirli, Ankara University Agricultural Faculty Publications, 1989.

Week	Weekly Detailed Course Contents	
1	Theoretical	Reproduction of crops and seed development
2	Theoretical	Morphological and anatomical characteristics of medicinal and aromatic crops
3	Theoretical	Seed standards and tests of medicinal and aromatic crops
4	Theoretical	Seed standards and tests of medicinal and aromatic crops
5	Theoretical	Seed storage
6	Theoretical	Seed Activity rules
7	Theoretical	General procedures of seed production technique
8	Intermediate Exam	Midterm examination
9	Theoretical	Seed production techniques of some medicinal and aromatic plants
10	Theoretical	Seed production techniques of some medicinal and aromatic plants
11	Theoretical	Seed production techniques of some medicinal and aromatic plants
12	Theoretical	Seed production techniques of some medicinal and aromatic plants
13	Theoretical	Seed production techniques of some medicinal and aromatic plants
14	Theoretical	Seed production techniques of some medicinal and aromatic plants
15	Theoretical	Seed production techniques of some medicinal and aromatic plants
16	Final Exam	Final Examination

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Studio Work	14	0	1	14
Midterm Examination	1	3	1	4



Final Examination	1	3	1	4
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Capability to understand reproduction and seed development in crops
2	Capability to understand morphology and anatomy of medicinal and aromatic crops
3	Capabiltiy to understand seed standardization and test of medicinal and aromatic crops
4	Capability to understand seed storage
5	Capability to understand seed rules
6	Capability to understand production techniques of some medicinal and aromatic crops

### Programme Outcomes (Medical and Aromatic Plants)

1	Having the recognition, classification and the use araes knowledge of medical and aromatic plants
2	Having pratical and technical knowledge about cultivation and production of medical and aromatic plants
3	Having knoweledge of morphology, anotomy, cytology, physiology and biochemical structures of medical and aromatic plants
4	Having knowledge of important of soil conditions to grow medical and aromatic plants
5	Having information and the ability to use materials related with basic math and basic chemistry founded on qualifications gained in secondary education
6	Having ability to use effective own language and having knowledge of foreign language in order to communicate own colleagues and own customers
7	Having ability to collect medical and aromatic plants, having knowledge of seed technology, drying and conservation of these plants
8	Having ability to identify and to fight diseases and pests of medical and aromatic plants
9	Having knowledge of all Agricultural activities
10	Having knowledge of Atatürk Principle and Revolutions and to assimilate Atatürk Principle and Revolutions
11	Having consciousness of quality
12	Having knowledge and accumulation of investigative and evaluation
13	Ability to work as an individual capable of independent decision-making ideas verbally and in writing, stating the figure to communicate in a clear and concise
14	Ability to identify plants used for medical purposes and to obtain mixtures from drogs acquired these plants
15	Having skill and knowledge of marketing techniques medical and aromatic plants

### 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	4	3	3	3
P2	3	5	4	3	5
P3	5	5	5	3	4
P4	3	3	3	3	5
P5	4	4	4	4	4
P6	3	3		3	3
P7	4	4	3	5	3
P8	3	3	3	3	3
P9	3	3	3	3	3
P11	3	3	5	5	3
P12	3	3	3	3	3
P13	3	3	3	3	3
P14	3	5	4	4	4
P15	3	4	4	4	3

