AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Soil Knowledge							
Course Code	FY107		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Soil formation, physical, chemical and biological properties of soil, classification of soils, conservation, sustainability and aims to give students information about the improvent of soils							
Course Content	Soil formation, soil physical, chemical and biological properties, soil classification, protection, information is given to students about sustainability and improvement of lands							
Work Placement	Students must have to complete their internship within the required time and properties. The required rules are describes at the Adnan Menderes University, Sultanhisar Vocational School, Student Internship Instructions.							
Planned Learning Activities and Teaching Methods			Explanation (Presentation), 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	Lecturers Lesson Notes

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction,definition of soil and its composition
	Preparation Work	Lecture material
2	Theoretical	The main substance of the earth
3	Theoretical	Decomposition and composition processes in formation of soils
4	Theoretical	Processes in soils
5	Theoretical	Soil profile
6	Theoretical	Classification of soils
	Preparation Work	Lecture material
7	Theoretical	Classification of soils
	Preparation Work	Lecture material
8	Intermediate Exam	Midterm
9	Theoretical	The physical properties of mineral soils
10	Theoretical	Plants nutrients in mineral soils
11	Theoretical	Soil colloids
12	Theoretical	Soil reaction
13	Theoretical	Soil water- relationships
14	Theoretical	Evaporation, loss of water from soils
15	Theoretical	Living creatures in soils
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Laboratory	5	5	0	25
Midterm Examination	1	9	1	10

Final Examination	1	11	1	12
			Total Workload (Hours)	75
		[Total Workload (Hours) / 25*] = **ECTS**		3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Describes soil and soil types
2	Knows soil formation
3	Describes physical, chemical and biological properties of soil
4	Having knowledge of conservation and sustainability of soil
5	Aims to improve soil

Programme Outcomes *(Seedling Production)*

1	Having knowledge of physiology and morphology characteristics, growth, development and biochemical events occured in fruits, vegetables and ornemantals plants
2	Having knowledge of soil, climate and irrigation conditions grown fruits, vegetables and ornemantals plants
3	Having knowledge of identification, classification and the use areas of fruits, vegetables and ornemantals plants
4	Having pratical and theorical knowledge of production techniques of fruits, vegetables and ornemantals plants
5	Having ability to identify and to maintain diseases and pests of fruits, vegetables and ornemantals plants
6	Having knowledge of marketing techniques, standards, contributions to the economy of fruits, vegetables and ornemantals plants, legal issues
7	Having knowledge of facilities and builds grown fruits, vegetables and ornemantals plants, and tools and materials used.
8	Having ability to use effective own language and having knowledge of language in order to communicate own colleagues and own customers,
9	Having knowledge of Atatürk Principle and Revolutions and, ability to assimilate Atatürk Principle and Revolutions
10	Having an enough foreign language to able to follow new development in relation with nursery production

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

	L1	L2	L3	L4	L5
P2	5	5	5	5	5