



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Sericulture							
Course Code		ORT120		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	48 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To give basic information to the students about silkworm breeding techniques and aboutstage of wet cocoon production.							
Course Content		Breeding silkworm in Turkey and in the World, silkworm and life of silkworm, condition of silkworm breeding, cocoon production, silkworm diseases,mulberry growing .							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Project Based Study, 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	Silkworm breeding
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Week	Weekly Detailed Course Contents	
1	Theoretical	Historical development of sericulture
2	Theoretical	Production, consumption and economic importance in Turkey and the world
3	Theoretical	Morphological and physiological characteristics of the Silkworm
4	Theoretical	Silkworm breeds and features
5	Theoretical	Hatching eggs and inficar
6	Theoretical	Care and feeding in silkworm
7	Theoretical	The main factors affecting the silkworm breeding
8	Intermediate Exam	midterm exams
9	Theoretical	Silkworm genetics and breeding
10	Theoretical	Factors affecting the development and silkworm cocoon yield
11	Theoretical	Harvest and cocoon harvest
12	Theoretical	polihybrid breeding and egg production
13	Theoretical	Silkworm diseases and pests
14	Theoretical	mulberry cultivation
15	Final Exam	Final Exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	1	28
Lab Work	1	1	1	2
Reading	1	2	1	3
Individual Work	1	4	1	5
Midterm Examination	1	5	1	6
Final Examination	1	3	1	4
Total Workload (Hours)				48
[Total Workload (Hours) / 25*] = ECTS				2

\*25 hour workload is accepted as 1 ECTS



**Learning Outcomes**

1	He knows the silkworm breeds grown in the world's different regions.
2	He knows the important morphological and physiological characteristics of silkworm
3	Students know silkworm rearing techniques and apply
4	learning team work, developing sense of responsibility, producing solutions to problems
5	To spend labor and to obtain products in return for this labor

**Programme Outcomes (Organic Agriculture)**

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2	
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4	
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11	

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

	L4	L5
P1	4	
P10	4	5

