



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Quality and Standardization in Agriculture							
Course Code		TBY330		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To teach the basic rules and remarkable points regarding standardization and storage of crops.							
Course Content		Factors affecting the quality and quality,standards, standardization and basic analysis methods, , the associations that prepares national and international standards and the duties of these associations, international standards, storage of agricultural products, the factors affecting the storage, the proof of storehouse, heat and moisture values and product loss in product storage., good agricultural practices, europgap.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)									

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Agricultural Standards: The Shape of the Global Food and Fiber System(Jim Bingen )
2	Standards catalogue Agriculture (ISO)

Week	Weekly Detailed Course Contents	
1	Theoretical	What is the quality, why is it important
2	Theoretical	Factors affecting the quality and total quality management
3	Theoretical	Standardization
4	Theoretical	National and international standardization organizations
5	Theoretical	International agricultural standards
6	Theoretical	Turkey examples of agricultural standards
7	Theoretical	Storage
8	Intermediate Exam	Midterm
9	Theoretical	Effects of physical environment on seed storage
10	Theoretical	Effect of living organisms on seed storage
11	Theoretical	Examining of the agricultural laws
12	Theoretical	Good agricultural practices
13	Theoretical	Europgap
14	Theoretical	Certification procedures
15	Theoretical	General evaluation

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Assignment	3	6	1	21
Midterm Examination	1	5	1	6
Final Examination	1	5	1	6
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	Comprehend the terms related to quality, standard and standardization
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2	Know the associations preparing TSE and international standards
3	Discuss the aims and advantages of standardizations
4	Know the good agricultural practices and europgap
5	Know about storing, the factors that affect tainting the products, the stores in which the products are stored and the features of these stores

#### 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	1	1	1	2	1
P2	2	1	1	3	2
P3	2	2	2	2	2
P4	1	1	1	1	1
P5	3	2	2	3	2
P6	2	2	2	2	2
P7	3	3	2	3	3
P8	2	3	2	2	1

