



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Occupational Health and Safety in Agriculture							
Course Code		İSG104		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To provide the necessary information to ensure the safety of the employees and to protect their health in other sectors based on agriculture and agriculture.							
Course Content		Risks in agricultural activities, accidents, occupational diseases, agricultural machinery - the safe use of tools-machinery-devices and pesticides in the agricultural industry-based industry regulations.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Problem Solving					
Name of Lecturer(s)		Lec. Yüksel AYDOĞAN, Prof. Ahmet KILIÇKAN, Prof. Tuna DOĞAN							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Occupational Health and Safety Law No. 6331
2	Lecture notes

Week	Weekly Detailed Course Contents	
1	Theoretical	General Information About Risk Definition and Risk Assessment
2	Theoretical	Training Methods and Their Importance in Occupational Health and Safety
3	Theoretical	Required Controls in the Workplaces in terms of Occupational Safety, Documents to be issued, Records, Forms and Reports
4	Theoretical	Occupational Health and Safety Boards
5	Theoretical	Analysis of Causes of Occupational Accidents and Occupational Diseases
6	Theoretical	Occupational Health and Safety Management Systems
7	Theoretical	Occupational Health and Safety Management Systems
8	Intermediate Exam	Midterm exam
9	Theoretical	Occupational Health and Safety in Agriculture Sector
10	Theoretical	Occupational Health and Safety in Agriculture Sector
11	Theoretical	Occupational Health and Safety in Agriculture Sector
12	Theoretical	Safety in Agricultural Machinery
13	Theoretical	Safety in Agricultural Machinery
14	Theoretical	Prominent Health Problems in the Agricultural Sector
15	Theoretical	Prominent Health Problems in the Agricultural Sector
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	9	1	10
Final Examination	1	11	1	12
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To be able to explain the impact of occupational safety on productivity and generativity.
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2	To be able to define and explain the basic principles, concepts and approaches of occupational health and safety management systems
3	To be able to explain the operation and organization of occupational health and safety management systems.
4	To be able to analyze the current situation and needs of the agriculture sector in terms of occupational health and safety.
5	To be able to suggest solutions in the direction of the needs analysis of The Sectoral Occupational Health and Safety that he / she has accomplished and project the suggestions

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	3	3	3	5	3
P2	4	3	4	3	3
P3	3	3	4	3	4
P4	4	4	4	3	4
P5	4	5	4	5	5
P6	3	3	3	5	3
P7	5	3	4	3	3
P8	4	3	3	3	3

