AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Food Hygiene and Technology								
Course Code	CSAG640		Couse Level	Third Cycle (Doctorate Degree)					
ECTS Credit	4	Workload	100 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	To evaluate the basic components of nutrients, water, carbohydrates, proteins, fats, vitamins and minerals in a wide and comprehensive way. To teach the important microorganisms and their effects on the food industry.								
Course Content	Giving information about food spoilages and food safety. To give information about microorganisms useful for food industry and their uses.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study, Problem Solving								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading	
1	Merdol T.K. Sanitasyon/Hijyen Eğitimi, Ankara, 2003

Week	Weekly Detailed Course Contents	
1	Theoretical	HACCP concept and its applications
2	Theoretical	bacteria information
3	Theoretical	ways of transmission of nutrients
4	Theoretical	food poisoning
5	Theoretical	ways to provide hygiene in food purchasing
6	Theoretical	ways to provide hygiene in food storage
7	Theoretical	The importance of hygiene in bulk nutrition systems
8	Intermediate Exam	Midterm Exam
9	Theoretical	ways to provide hygiene during service
10	Theoretical	personal hygiene
11	Theoretical	Cleaning and safety
12	Theoretical	dishwashing principles
13	Theoretical	detergents
14	Theoretical	pest control
15	Final Exam	final exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	30	2	32
Final Examination	1	38	2	40
			Total Workload (Hours)	100
			[Total Workload (Hours) / 25*] = **ECTS**	4
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	To be able to have up-to-date theoretical and practical knowledge at the level of expertise in environmental health
2	Having knowledge about the techniques, techniques, and devices of the technology to treat, care and educate
3	Being able to take active role in environmental health organization and management

4	To be able to solve environmental health problems with scientific methods and to evaluate them with a critical approach
5	Obtaining theoretical and practical knowledge on environmental ethics, policy and planning, information systems, professional foreign languages, finance and intermediary institutions
6	Ability to produce, execute and finalize new projects for scientific research
7	To be able to interpret researches using appropriate statistical methods, to write a report of the research they have participated in, to publish it in a national / international accepted journal, to present it at scientific meetings
8	Having theoretical and practical knowledge about environmental health, historical development and economic dimension of environmental health
9	Being able to have theoretical and practical knowledge about the deterioration effects of the environment
10	Being able to have the knowledge and ability to apply in strategic management, marketing, performance management, quality management and human resources management in organizations providing services in the field of environmental health

Programme Outcomes *(Environmental Health Interdisciplinary Doctorate)*	
1	Equipped with advanced knowledge and skills related to research methods, data analysis and interpretation of research results in the development and application of environmental health theories;
2	who can take part in professional arrangements; contributes to the development of health related institutions;
3	Knows, interprets and comments on national and international environmental health legislation,
4	Organizasyon Assuming an effective role in environmental health organization and management,
5	To Equipped with the knowledge and skills necessary for the effectiveness of environmental health practices in the future;

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

	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10
P1	1	5	4	3	2	1	5	4	2	5
P2	2	5	4	3	2	1	5	4	2	5
P3	3	5	4	3	2	1	5	4	2	5
P4	5	5	4	3	2	1	5	4	2	5
P5	5	5	4	3	2	1	5	4	2	5