



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Biological Warfare Elements and Protection							
Course Code		ÖGK208		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The fact that students who will work in the private security sector in the future will have knowledge about biological attacks and bioterrorism, which is an increasingly important threat in the world, and will have the basic information to protect the places and people they will be responsible for, and to take the first measures after the event.							
Course Content		Definition, history, biological warfare agents and their characteristics, biological warfare methods and signs of attack, effects of biological agents on human and environment, biological defense methods, institutions and responsibilities of biological defense, first responders in suspicious cases. Biological Warfare, Biological Terrorism, Definition of Bioterrorism, Its History, Terms of Biological Warfare, Biological Warfare Agents and Classification, General Properties of Biological Agents and Biological Agents' Entry Ways to the Body, Biological Aggressive Disposal Methods, Biological Agents Disposal Tools, Biological Attack Symptoms, Biological Agents Major Agents Used for Attack and Their Effects, Toxins and their effects, Bacteria and their effects, Viruses, Fungi and their effects, Detection of Biological Warfare Agents and Defense Measures Against Biological Warfare, Institutions with Biological Defense Obligations, Active and Passive Defense Methods, Suspicious Packages and Letters, Repetition of all topics							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Problem Solving					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	70

Recommended or Required Reading

1	Firat, U.B. (2008): Weapons of Mass Destruction, Effects and Protection Methods.
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Week	Weekly Detailed Course Contents	
1	Theoretical	Biological War, Biological Terrorism, Bioterrorism Definition, History
2	Theoretical	Terms Related to Biological Warfare
3	Theoretical	Biological Warfare Agents and Classification
4	Theoretical	General Properties of Biological Agents and Entry Ways of Biological Agents into the Body
5	Theoretical	Disposal and Propagation Methods of Biological Agents, Biological Agents Disposal Vehicles
6	Theoretical	Biological Attack Symptoms, Main Agents Used for Biological Attack and Their Effects
7	Theoretical	Toxins and their effects
8	Theoretical	Bacteria and their effects
9	Intermediate Exam	Midterm
10	Theoretical	Viruses, Fungi and their effects
11	Theoretical	Detection of Biological Warfare Agents and Defense Measures Against Biological Warfare
12	Theoretical	Institutions with Biological Defense Obligations
13	Theoretical	Active and Passive Defense Methods
14	Theoretical	Active and Passive Defense Methods
15	Theoretical	Again
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	Project management
2	employee health
3	awareness of environmental and occupational safety
4	It contributes highly to raising awareness of the legal consequences of security practices.
5	Gains knowledge of biological warfare elements

Programme Outcomes (Private Security and Protection)

1	Know the powers of private security
2	Know defense and attack techniques
3	To understand the security measures
4	Establishing Organizational Communication
5	To apply the basic principles of first aid
6	To be able to make threat assessment and risk management
7	Learn what the body language is and what needs to be considered to ensure effective communication.
8	Weapon information
9	Knows Environmental Health Management in Disasters
10	Knows the elements of crime
11	Prepare a security plan
12	To have necessary knowledge in the field of criminology
13	To be able to determine employee and employer relations
14	To have information about the types of terrorist attacks and the signs of the attacks
15	Evaluate new approaches in security studies
16	Show effective interventions in social activities
17	Search and rescue in case of emergency, conducting emergency studies, can manage the organization
18	Explain the basic elements of health and the factors affecting it.
19	Know the basic principles of survival

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

	L1
P16	3

