

# AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	urse Title Elderly Microbiology								
Course Code	YB117		Couse Level		Short Cycle (Associate's Degree)				
ECTS Credit 3	CTS Credit 3 Workload 78 (Hours)		Theory	,	2	Practice	0	Laboratory	0
Objectives of the Course	Teaching Basic Subjects Related to Medical Microbiology								
Course Content	Introduction to Microbiology, History, Naming, Bacteria and Viruses, Mycology and parasitology, Normicrofibial flora of the body-microbiological diagnosis methods, Disinfection, antisepsis and sterilizati Basic immunology and immunity, Humoral immunity, Cellular Immunity, Basic immunology and immunity, Humoral immunity, Cellular Immunity, Basic immunology and immunity, Humoral Immunity, Rections, Vaccines and applications, Air sour infections and agents, Food and waterborne infections and agents, Wound and skin infections and the agents, Sexually transmitted diseases and agents, Infections transmitted by transfusion of blood and blood components-biological warfare agents, Hospital infections					, Normal ilization, immunity, source nd their and			
Work Placement	N/A								
Planned Learning Activities and Teaching Methods			Explana	ation	(Presenta	tion)			
Name of Lecturer(s)									

# **Assessment Methods and Criteria**

Method	Quantity	Percentage (%)	
Midterm Examination	1	40	
Final Examination	1	60	

# **Recommended or Required Reading**

1 Kısa, Ö. Sağlık bilimlerinde mikrobiyoloji.

2 Levinson W. Medical Microbiology & Immunology. 8th ed, New York: Lange Medical Boks/McGraw-Hill, 2004.

Week	Weekly Detailed Course Contents				
1	Theoretical	Introduction to Microbiology, Its History and Naming			
2	Theoretical	Bacteria and Viruses			
3	Theoretical	Micology and parasitology			
4	Theoretical	Normal microfibial flora of the body-microbiological diagnostic methods			
5	Theoretical	Disinfection, antisepsis and sterilization			
6	Theoretical	Basic immunology and immunity, Humoral immunity, Cellular Immunity			
7	Theoretical	Basic immunology and immunity, Humoral immunity, Cellular Immunity			
8	Intermediate Exam	MIDTERM			
9	Theoretical	Hypersensitivity reactions, Vaccines and applications			
10	Theoretical	Air resources infections and agents			
11	Theoretical	Food and waterborne infections and their agents			
12	Theoretical	Wound and skin infections and agents			
13	Theoretical	Sexually transmitted diseases and their factors			
14	Theoretical	Infections transmitted by transfusion of blood and blood components-biological warfare agents			
15	Final Exam	Hospital infections			

#### **Workload Calculation**

Activity	Quantity	Preparation	Duration	Total Workload	
Lecture - Theory	14	2	2	56	
Midterm Examination	1	10	1	11	
Final Examination	1	10	1	11	
	78				
[Total Workload (Hours) / 25*] = <b>ECTS</b> 3					
*25 hour workload is accepted as 1 ECTS					



Learn	ing Outcomes				
1	Understanding the basic properties and importance of microorganisms.				
2	Learning the nomenclature, classification and identification of microorganisms with medical importance.				
3	Learning infections caused by bacteria, viruses and protozoans and their factors				
Programme Outcomes (Geriatric Care)					
1	It is sufficient to gain the competence to provide protection, development and promotion of elderly health				

- 2 Has the ability to determine the factors affecting the elderly health.
- 3 Knows the basic features and needs of the elderly individual and in this direction to gain the ability to meet the needs of the elderly individual.
- 4 Use basic knowledge and skills related to elderly health and care, interpret and evaluate data and identify and solve potential problems.
- 5 Having the basic health knowledge, has the ability to apply the urgent applications and precautions to be taken in the work environment.
- 6 To be able to comprehend the structure, physiological functions, behaviors of healthy and sick individuals and the relationship between health and physical and social environment.
- 7 Acts in accordance with the laws, regulations and professional ethics rules related to their duties, rights and responsibilities.
- 8 She takes responsibility as a health team member in cooperation with other professional groups working in this field by using her knowledge in the field of elderly care.(dişil)
- 9 Plan and implement basic level activities for social rehabilitation in the elderly.
- 10 Can understand the social, physical and psychological changes of the elderly and meet their needs.
- Has the knowledge and awareness of occupational safety, elderly and employee health protection, environmental protection in matters related to Elderly Care.
- 12 Be sensitive to the events on the agenda of the society and the world related to the field and follow developments.
- 13 Has knowledge and awareness of social responsibility, ethical values ??and patient rights in health care related subjects
- 14 Acts in accordance with quality management and processes and participates in these processes.

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

	L1	L2	L3
P1	2	3	3
P2	2	3	3
P3	3	3	3
P4	3	4	2
P5	3	3	2
P6	3	2	2
P7	3	3	3
P8	3	3	3
P9	3	2	4
P10	2	2	4
P11	3	4	3
P12	3	3	3
P13	2	2	3
P14	2	2	3