



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		General Microbiology							
Course Code		AN303		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Student will gain basic microbiology knowledge that they can face in their professional life.							
Course Content		Microorganisms, differences, general issues, diagnosis, nosocomial infections.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study					
Name of Lecturer(s)		Ins. Tuğçe OKTAV							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	General Microbiology Application Techniques A.Temiz, Uğurer Publishing
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Week	Weekly Detailed Course Contents	
1	Theoretical	Importance and history of microbiology
2	Theoretical	Microorganisms and their characters
3	Theoretical	Feeding of microorganisms
4	Theoretical	Reproduction of microorganisms
5	Theoretical	Control of microorganisms
6	Theoretical	Differences of microorganisms
7	Theoretical	Microscope
8	Theoretical	Midterm exam
9	Theoretical	General characteristics of bacteria
10	Theoretical	General characteristics of viruses
11	Theoretical	General characteristics of fungi
12	Theoretical	Nosocomial Infections
13	Theoretical	Prevention of nosocomial infection
14	Theoretical	Microbiological diagnostic methods
15	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	2	70
Midterm Examination	1	1	1	2
Final Examination	1	2	1	3
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Can define microorganisms
2	Can define important infectious diseases agents
3	Can define and prevent microorganisms
4	Can define importance of nosocomial infections



5	Taking microbiological samples
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Programme Outcomes (First and Emergency Aid)

1	To be able to be aware of their professional authorities and responsibilities.
2	To be able to use the principles of individual and organizational communication skills.
3	To be able to define the emergency medical services and the pre-hospital emergency medical system devices used in Turkey and the world .
4	To be able to perform physical assessment of the patient and primary and secondary inspection.
5	To be able to apply the methods of handling and transportation of the patient
6	To be able to recognize the rules of the general approach to trauma patients and to be able to be capable of handling and maintenance of trauma equipment.
7	To be able to recognize emergency vehicles' mechanical and technical equipment and to be able to drive emergency vehicles.
8	To be able to identify the principles of pre-hospital emergency care in cases of environmental emergencies.
9	To be able to identify the principles of pre-hospital emergency care in medical emergencies.
10	To be able to analyze the ECG rhythm and apply the principles of pre-hospital emergency care for rhythm Disorders.
11	To be able to recognize and apply the pre-hospital emergency care drugs and fluids.
12	To be able to identify basic life support applications, Advanced Life Support applications and Advanced air way applications.
13	To be able to recognize the principles of pre-hospital emergency during disasters.
14	To be able to protect and maintain the highest level of physical and mental health.
15	To be able to recognize human anatomy and physiology.
16	To be able to develop good communication and human relations skills with colloques and patients.
17	To be able to apply Infection Control Methods and check infectional situations of emergency vehicles and equipment, ensure the conditions of asepsis-antisepsis and pre-hospital emergency care with Infectious Diseases.
18	To have the appropriate knowledge of medical sciences at the level of interest, to use specific medical terms and terminology of field

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

	L1	L2	L3	L4	L5
P17	3	3	3	3	3

