



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 (Hours)	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 (Anesthesia)

1	To be able to recall basic knowledge about human anatomy
2	To be able to recall the knowledge about Ataturk's principles and the history of Turkish Revolution
3	To be able to recall the knowledge about ethical and moral values
4	To be able to recall the knowledge of Turkish grammar and be able to use it
5	To be able to communicate effectively with patient, their family, and own team
6	To be able to control, use, and maintain the anesthesia machines
7	To be able to recall the information about anesthesia application in the system diseases
8	To be able to recall the issues that needed to be considered in follow-up of patients in intensive care.
9	To be able to make the patients' care in intensive care
10	To be able to apply the cardiopulmonary resuscitation.
11	To be able to apply the drug, liquid and blood to the patient.
12	To be able to apply nasogastric tube to the patient and to aspirate.
13	To be able to assist the implementation of general anesthesia to patient.
14	To be able to recall the drugs used in general and regional anesthesia and learn to use them safely.
15	PO15. Can help during the maintenance, ending and post anaesthesia process.
16	Can help the practices of anesthesia and sedation outside the operation room.
17	Can communicate at the basic level of a foreign language and use this language in his job.
18	Be able to communicate at a basic level in a foreign language and be able to use this language in professional fields
19	To have the appropriate knowledge of basic 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
P1	3	3	4	4

