



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Sterilization Principles							
Course Code		AN301		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	76 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Student will gain knowledge about sterilization, disinfection, medical and surgical asepsi, common infectious diseases that are seen in operating room, intensive care and reanimation units.							
Course Content		Sterilization, disinfection, medical and surgical asepsi, common infectious diseases that are seen in operating room, intensive care and reanimation units.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study, Problem Solving					
Name of Lecturer(s)		Ins. İshak DOĞAN, Ins. Nuray GİDER, Ins. Tuğçe OKTAV							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Hospital Infections (Ed: A Yüce and N Çakır) 2nd Edition, İzmir Güven Publications, 2009
---	--

Week	Weekly Detailed Course Contents	
1	Theoretical	Sterilization and disinfection
2	Theoretical	General principles of sterilization and disinfection
3	Theoretical	Sterilization of medical equipments and devices
4	Theoretical	Sterilization control
5	Theoretical	Disinfectants
6	Theoretical	Sterilization and disinfection at hospitals
7	Theoretical	Sterilization and disinfection at medical units except hospitals
8	Theoretical	Sterilization and disinfection at intensive care units
9	Intermediate Exam	Midterm Exam
10	Theoretical	Sterilization and disinfection at surgery services
11	Theoretical	Protection of nosocomial infection
12	Theoretical	Central sterilization unit and operation room controls
13	Theoretical	The place of medical workers in nosocomial infections
14	Theoretical	Hospital wastes
15	Final Exam	Final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	2	70
Midterm Examination	1	2	1	3
Final Examination	1	2	1	3
Total Workload (Hours)				76
[Total Workload (Hours) / 25*] = ECTS				3

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	Can know the meaning and importance of sterilization, disinfection, asepsi.
2	Can know and apply sterilization rules
3	Can know and apply disinfection rules
4	Can know and apply asepsi rules



5	Can know what to do to prevent nosocomial infections
---	--

**Programme Outcomes (Anesthesia )**

1	To be able to recall basic knowledge about human anatomy
2	To be able to recall the knowledge about Atatürk'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	L5
P8	4	4	4	4	4

