



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
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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
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Programme Outcomes (Medical Imaging Techniques)

1	To be able to get information the working principles of Radiology, Nuclear Medicine and Radiotherapy devices, and distinguish their components, use these devices in accordance with operating instructions.
2	To be able to perform the procedures in accordance with the examination of Radiology and Nuclear Medicine imaging .
3	To be able to apply the radiotherapy treatment, planned by radiation physicist with instruction of radiotherapist.
4	To be able to develop and perform the film printing of the images that obtained by imaging techniques of Radiology, Nuclear Medicine
5	To be able to evaluate the images that obtained by imaging techniques of Radiology, Nuclear Medicine in terms of radiographic quality and takes the necessary measures.
6	To be able to know the medical and radiologic terminology, and pronounce and use them correctly
7	To be able to take the necessary measures in accordance with the rules of Radiation safety and protection from radiation, and apply them.
8	To be able to distinguish the anatomical structures on images, obtained by the conventional and cross-sectional imaging techniques of Radiology, Nuclear medicine.
9	To be able to communicate well with patient, their family and the hospital staff.
10	To be able to move with own professional duties, powers and responsibilities of the consciousness and apply the rules of professional ethics.
11	To be able to adapt to a multi-disciplinary team work.
12	To be able to have a basic knowledge of human physiology.
13	To be able to distinguish anatomical structures.
14	To be able to establish a cause-and-effect relationship between events.
15	To be able to have the ability of analytical thinking and problem solving.
16	To be able to apply the basic principles of first aid.
17	It has basic knowledge about human anatomy
18	Understanding the basic concepts and principles of physics while providing, in the medical field and in particular medical imaging students better understand the issues involving technical vocational courses
19	OHS 'basic concepts; work accidents, occupational diseases, occupational physicians, occupational safety specialist, İSGB, OSGB, hazard classes, risk assessment, OHS employee representatives is
20	Have basic knowledge about basic medical practices and makes applications

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

	L1	L2	L3	L4	L5
P19	2	2	2	2	2

