



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Sterilization							
Course Code		AMH102		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	106 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Sterilizing course, asepsis and antisepsis, sterilization unit properties, Disinfection, sterilizers, washing and preparation of material units, sterilization safety testing, and documentation, coding and documentation of the levees, Surgical (metal) material preparation and sterilization, sterilization of plastic material, sterile material storage and protection.							
Course Content		Description of infection, the importance of the chain of infection, hospital-acquired infections, Personal protection methods, Asepsis and antisepsis, disinfection, sterilization, grasp the definitions of, The methods used for the sterilization of instruments and material, Sterilizers use and features, Material washing and preparation units, Sterilization of instruments and procedures for the selection control, security testing and documentation, Coding and documentation sets, Surgical (metal) material preparation and sterilization, Sterilization of the plastic material, Storage of sterile supplies and provide							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Individual Study					
Name of Lecturer(s)		Ins. Adile AY							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Final Examination	1	110

Recommended or Required Reading

1	Hemşirelik Esasları İlke, kavram ve kurallar, Fatma AKÇA AY, 2008
2	www.saglik.gov.tr

Week	Weekly Detailed Course Contents	
1	Theoretical	Course Description: Introduction, Purpose and Learning Objectives
2	Theoretical	Description of infection, the importance of the chain of infection
3	Theoretical	Nosocomial infections
4	Theoretical	Personal protection methods
5	Theoretical	Asepsis and antisepsis, disinfection, sterilization, grasp the definitions of
6	Theoretical	The methods used for the sterilization of instruments and material
7	Theoretical	Sterilizers use and features
8	Theoretical	Midterm Exam
9	Theoretical	Material washing and preparation units
10	Theoretical	Sterilization of instruments and procedures for the selection control, security testing and documentation
11	Theoretical	Disinfection, Chemical Solutions and Disinfection Applications
12	Theoretical	Disinfection by Materials
13	Theoretical	Decontamination
14	Theoretical	Wastes
15	Theoretical	Validation, Recording system
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	15	1	2	45
Assignment	6	8	0	48



Final Examination	1	12	1	13
Total Workload (Hours)				106
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Asepsis and antisepsis, disinfection and sterilization to explain the concepts of
2	Assess the characteristics of the sterilization unit
3	Sterilization safety testing, and documentation to evaluate
4	Sterilizers, use and grasp the characteristics of
5	Washing and preparation grasp of the material units
6	Surgical (metal) material to ensure that the preparation and sterilization.
7	Plastic material, sterilization, sterile storage and ensure the protection of the material.

Programme Outcomes (Operating Room Services)

1	DIFFERENCE BETWEEN ANATOMIC STRUCTURES
2	DIFFERENCE BETWEEN HUMAN PHYSIOLOGY
3	FIRST AID AND FIRST HELP IN TIMES OF EMERGENCY
4	USING UNITY IN ORDER TO PROGRESS
5	ESTABLISH COMMUNICATION
6	BEING ETHICAL IN WORK
7	DIFFERENCES BETWEEN SURGERY SICKNESSES ACCORDING TO THE SYSTEM
8	USING UNITY IN ORDER TO PROGRESS
9	DIFFERENCES BETWEEN MEDICAL TERMINOLOGY
10	USING WELL ESTABLISHED QUALITIES
11	UPDATING THE SURGERY UTENSILS AND STAYING SKILLED
12	STERILLZATION OF THE SURGICAL EQUIPMENT AND KEEPING THEM FUNCIONAL
13	KEEPING ALIVE AND LOOKING AFTER SURGERY UTENSILS
14	WORK ORGINIZATION AND PRODUCTIVE WORK
15	SURGERY ROOM SAFETY AND ESTABLISHING A SAFE STERILIZATION ROOM
16	MICROBIOLOGY ANALYSIS PRACTISE
17	STEPPING STONE FOR STERILLZATION
18	LOOKING AT THE HUMAN BODY'S FUNCTION AND MATERIAL
19	IN A SURGICAL ENVIRONMENT KEEPING TRACK OF PHYSIOLOGY AND EFFECTIVLY USING THE SURGICAL UTENSILS
20	THE IMPORTANCE OF SUFFICIENT AND BALANCED NUTRITION
21	To be able to use modern Turkish language knowledge and language skills.
22	To have knowledge about Atatürk's Principles and Revolution History
23	To communicate at a basic level in a foreign language
24	Knows cancer and its types. Know what needs to be done to prevent cancer.
25	To increase student's awareness of gender equality
26	Knows radiological imaging methods
27	Have information about home accidents
28	To know the classification of medical wastes
29	Knows collection and disposal of medical waste
30	To know family planning methods
31	Know the ethical dilemmas
32	Knows basic concepts about sexuality and sexual health
33	To gain educational and exploratory knowledge about control and protection against infectious diseases
34	To be able to use and maintain the right communication skills with patients and relatives
35	To be able to communicate with colleagues, patient and patient relatives at therapeutic level
36	To evaluate the behavior of patients and their relatives
37	To be able to explain the concepts related to substance abuse
38	To be able to integrate the theoretical foundations and applications of their responsibility for disaster recovery
39	Ability to gain theoretical knowledge about disaster recovery



40	At the end of the course students can establish a connection between health policies and state systems
41	Will be able to analyze the health transformation program.
42	Knows the anesthetic drugs and anesthesia methods applied to the patient.
43	Knows pharmacological agents. know how to apply the drugs according to the indications and contraindications
44	DIFFERENTIAL RADIOLOGICAL ANATOMY
45	Knows the concepts of quality standards, quality, standardization, standards and accreditation in health.
46	To know the rules of ergonomics
47	Explain and use the practices related to improving the quality of life.
48	Increased social sensitivity levels
49	To gain the ability to use personal knowledge, skills and experiences for the benefit of the society as a team
50	Will be able to apply the basic tasks to use the operating system
51	Demonstrate behavior by understanding the information given about health.
52	Express the importance of rational drug use and points to be considered.

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

	L1	L2	L3	L4	L5	L6	L7
P12		5	5	5	5	5	5
P15	5	5	5	5	5	5	
P17	5						5

