AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Sterilization Principles								
Course Code	HEK504		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	5	Workload	124 *(Hours)*	Theory	2	Practice	3	Laboratory	0
Objectives of the Course	Having detailed knowledge and skills about sterilization and disinfection.								
Course Content	Sterilization, disinfection, sterilization of medical materials, disinfection methods according to different units, medical and surgical asepsis techniques and rules, isolation and hand hygiene, medical waste management, sterilization unit and working principles.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Problem Solving								
Name of Lecturer(s)	Lec. Selcen ÖNCÜ								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading	
1	General Microbiology and Laboratory Guide

Week	Weekly Detailed Course Contents	
1	Theoretical	Definitions of sterilization and disinfection
2	Theoretical	General principles of sterilization and disinfection
3	Theoretical	Sterilization of medical devices and instruments
5	Theoretical	Disinfectants
6	Theoretical	Hospital sterilization and disinfection
7	Theoretical	Intensive care sterilization and disinfection
8	Theoretical	Sterilization and disinfection in surgical services
9	Intermediate Exam	Midterm exam
10	Theoretical	Sterilization and disinfection in non-hospital health facilities
11	Theoretical	Central sterilization unit and operating room controls
12	Theoretical	Location of health personnel in hospital infections
13	Theoretical	Protection from hospital infections
14	Theoretical	Medical waste management
15	Theoretical	Final exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	2	2	52
Lecture - Practice	13	1	3	52
Final Examination	1	18	2	20
			Total Workload (Hours)	124
			[Total Workload (Hours) / 25*] = **ECTS**	5
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	To know and apply isolation methods and asepsis techniques
2	To know sterilization unit and working principles
3	To be able to do hand washing skills according to the steps
4	To be able to apply disinfection methods

5	To have knowledge about sterilization

Programme Outcomes *(Hospital Infection Control Interdisciplinary Master's Without Thesis)*	
1	Being knowledgeable in the field of hospital infection control and related scientific fields
2	To be able to use knowledge learned in hospital infection control research area and related science fields
3	Being knowledgeable about the methods and applications used in the field of hospital infection control
4	To be aware of the legal practices and details of hospital infection control
5	To be able to develop different strategies for hospital infection control
6	To design, implement and evaluate the results of trainings to inform health personnel and the public in the field of hospital infection control
7	To follow current researches in the field of hospital infection control and make critical evaluations
8	To be able to do team work in the field of hospital infection control, to work together with different disciplines to develop common strategies
9	To contribute to the solution of social, scientific, cultural and ethical problems in the field of hospital infection control and to support the development of these values
10	Being able to develop research and learning awareness throughout life and to keep information up-to-date

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

	L1	L2	L3	L4	L5
P1	5	5	5	5	5
P2	5	5	5	5	5
P3	5	5	5	5	5
P4	5	5	5	5	5
P5	5	5	5	5	5
P6	5	5	5	5	5
P7	5	5	5	5	5
P8	5	5	5	5	5
P9	5	5	5	5	5
P10	5	5	5	5	5