



AYDIN ADNAN MENDERES UNIVERSITY
GRADUATE SCHOOL OF HEALTH SCIENCES
HOSPITAL INFECTION CONTROL (INTERDISCIPLINARY)
HOSPITAL INFECTION CONTROL INTERDISCIPLINARY
HOSPITAL INFECTION CONTROL INTERDISCIPLINARY MASTER
COURSE INFORMATION FORM

Course Title	Clinical Microbiology I								
Course Code	HEK521	Course Level			Second Cycle (Master's Degree)				
ECTS Credit	6	Workload	150 (Hours)	Theory	2	Practice	3	Laboratory	0
Objectives of the Course	To recognize microorganisms that cause disease in man and to distinguish them clinically.								
Course Content	Microorganisms that cause disease in man; General and clinical features of bacteria, viruses, fungi, parasites; Clinical diagnostic methods.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Experiment, Discussion, Individual Study								
Name of Lecturer(s)	Assoc. Prof. Soner Sertan KARA								

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

Recommended or Required Reading	
1	Murray Medical Microbiology

Week	Weekly Detailed Course Contents	
1	Theoretical	General microbiology
2	Theoretical	Pathogenesis of infection,
3	Theoretical	The general characteristics of the bacteria,
4	Theoretical	The general characteristics of viruses,
5	Theoretical	The general characteristics of fungi,
6	Theoretical	General characteristics of parasites
7	Theoretical	Basic immunology,
8	Theoretical	Midterm exam
9	Theoretical	Approach to infectious diseases,
10	Theoretical	Clinical sampling methods,
11	Theoretical	Painting methods,
12	Theoretical	Culture methods,
13	Theoretical	Serological tests,
14	Theoretical	Molecular tests,
15	Theoretical	Final exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	2	2	52
Lecture - Practice	13	1	3	52
Midterm Examination	1	8	2	10
Final Examination	1	35	1	36
Total Workload (Hours)				150
[Total Workload (Hours) / 25*] = ECTS				6

*25 hour workload is accepted as 1 ECTS

Learning Outcomes	
1	To know the microorganisms that cause human diseases in clinic
2	To be able to detail disease-causing microorganisms by applying appropriate diagnostic methods
3	To know the general characteristics of bacteria



4	To know the general characteristics of viruses
5	To know the general characteristics of mushrooms

Programme Outcomes (Hospital Infection Control Interdisciplinary Master)

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	Designing and implementing trainings to inform the health personnel and the public in the field of hospital infection control and evaluating the results
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

