AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Clinical Microbiology II								
Course Code	HEK522		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	6	Workload	150 *(Hours)*	Theory	2	Practice	3	Laboratory	0
Objectives of the Course	To know microorganisms causing infection in human, to know diagnosis and treatment approaches.								
Course Content	The etiologies, characteristics, diagnosis and treatment approaches of different system infections.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Individual Study								
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	Murray Medical Microbiology

Week	Weekly Detailed Course Contents	
1	Theoretical	Upper respiratory tract infections
2	Theoretical	Factors of lower respiratory tract infection
3	Theoretical	Factors of digestive system infection
4	Theoretical	Urinary system infection factors
5	Theoretical	Factors of blood circulation pathway infection
6	Theoretical	Factors of central nervous system infection
7	Theoretical	Factors of genital system infection
8	Intermediate Exam	Midterm exam
9	Theoretical	Foreign body infection factors
10	Theoretical	Infection factors in immunosuppressive patients
11	Theoretical	Factors of infection in substance abuse
12	Theoretical	Infection factors in pregnancy
13	Theoretical	Newborn infectious agents
14	Theoretical	Factors of childhood infection
15	Final Exam	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	Knowing microorganisms causing infection in human and how they cause diseases
2	To be able to differentiate between different infection agents
3	To make laboratory diagnosis of bacteria
4	To apply bacterial staining methods

5	To know the media used in the laboratory

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