

<b>Course Title</b>	<b>Code</b>	<b>Semester</b>	<b>Theoretical (hours/week)</b>	<b>Practice (hours/week)</b>	<b>Laboratory (hours/week)</b>	<b>ECTS</b>
<b>Cinical Microbiology</b>	<b>MİK 513</b>	<b>1./2. Semester</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>5</b>
<b>Prerequisites</b>	Study general microbiology lesson					
<b>Course Language</b>	Turkish					
<b>Course Type</b>	Elective					
<b>Teaching Methods</b>	Lecture, question- answer, demonstration, practice-exercise					
<b>Instructor(s)</b>						
<b>Course Objective</b>	The aim of this course is to gain general knowledge in the field of clinical microbiology and infectious diseases.					
<b>Course Learning Outcomes</b>	1- Learns infectious diseases according to active microorganisms. 2- Learns infectious diseases according to systems. 3- To have basic information about infectious diseases.					
<b>References</b>	1- Mikrobiyoloji: Klinik Bir Yaklaşım. Esra Koçoğlu, Gürol Emektaş. İstanbul Tıp Kitabevleri, 2018. 2- Enfeksiyon Hastalıkları ve Mikrobiyolojisi: Sistemlere Göre Enfeksiyonlar (4. Baskı). Ayşe Willke Topçu, Güner Söyletir, Mehmet Doğanay. 2017.					

## WEEKLY COURSE TOPICS

<b>Weeks</b>	<b>DISCUSSION TOPICS TO BE PROCESSED</b>
<b>1.</b>	Respiratory System Infections
<b>2.</b>	Central Nervous System Infections
<b>3.</b>	Genital System Infections
<b>4.</b>	Urinary Tract Infections
<b>5.</b>	Skin and Soft Tissue Infections
<b>6.</b>	Bloodstream Infections
<b>7.</b>	Infectious Diarrhea and Food Poisoning
<b>8.</b>	<b>Midterm exam</b>
<b>9.</b>	Infections in the private hosts
<b>10.</b>	Bacterial Infections
<b>11.</b>	Bacterial Infections
<b>12.</b>	Viral Infections
<b>13.</b>	Fungal Infections
<b>14.</b>	Parasitic Infections
<b>15.</b>	<b>Final Exam</b>

**ECTS / WORK LOAD TABLE**

<b>Activities</b>	<b>Number</b>	<b>Duration</b>	<b>Total Work Load</b>
Course	14	2	28
Laboratory			
Practice	14	2	28
Field Study			
Outclass course work hours ( Self working / Teamwork / Preliminary work)	14	2	28
Presentations (Video preparation / Poster preparation / Oral presentation / Focus group discussion / Applying questionnaire/ Observation and report writing)	4	6	24
Seminars			
Project			
Case study			
Role playing, dramatization			
Preparing and criticizing article			
Semester midterm exams	1	7	7
Semester final exams	1	10	10
<b>Total Work Load ( hour) / 25(s)</b>	<b>125/25</b>		
<b>ECTS</b>	<b>5</b>		

## EVALUATION SYSTEM

<b>Midterm Studies</b>	<b>Number</b>	<b>Contribution</b>
Midterm exam	1	%30
Quiz		
Laboratory		
Practice		
Field Study		
Specific practical training (If exists)		
Homework assignment		
Presentation and seminar	4	%20
Projects		
Other evaluation methods		
<b>Total of Midterm Studies</b>		%50
<b>Final Studies</b>		
Final	1	%50
Homework assignment		
Practice		
Laboratory		
<b>Total of Final Studies</b>		%50
Contribution of midterm studies to course grade		%50
Contribution of final studies to course grade		%50
<b>Total Grade</b>		100

## RELATIONSHIPS BETWEEN COURSE LEARNING OUTCOMES AND PROGRAM QUALIFICATIONS

Program Qualifications		Learning Outcomes		
		LO1	LO2	LO3
1.	Gains scientific knowledge and skills at the level of expertise in the field of medical microbiology.	5	5	5
2.	Uses the research resources adequately to reach scientific knowledge.	5	5	5
3.	Reaches new information in the field of medical microbiology and synthesizes the information obtained from different sources and evaluates it from a scientific point of view.	5	5	5
4.	Gains awareness about the ethics of scientific work and fulfills ethical responsibilities.	2	2	3
5.	Learns and applies the basic principles of research methods.	3	3	3
6.	Describes the morphological and physiological characteristics of microorganisms.	5	4	4
7.	Works in the laboratory in accordance with biosafety rules.	2	2	2
8.	Have knowledge about the devices and tools that are specific to the field and use them.	2	2	2
9.	Learns and applies laboratory techniques used in the field of medical microbiology.	2	2	2
10.	Knows and applies the basic methods for microbiological examination.	4	3	3
11.	Conducts studies related to the field individually or in a team. Performs the tasks given in scientific studies.	4	4	4
12.	Plans and conducts scientific research by using the knowledge learned in the field of medical microbiology, analyzes and evaluates the results.	5	5	5
13.	Gains the ability to present the information obtained or information related to his / her studies orally and visually.	5	5	5
14.	Follows scientific developments and current studies.	5	5	5

<b>15.</b>	Gains the ability of lifelong learning.	<b>5</b>	<b>5</b>	<b>5</b>
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**Contribution to the level of proficiency: 1: Low 2: Low/Moderate 3: Moderate 4: High 5: Excellent**