

**Vocational School / Dental Assisting**  
**2023 - 2024 Academic Year**  
**STERILISATION & DISINFECTION METHODS**  
**Syllabus**

<b>Course Description</b>					
<b>Name</b>	<b>Code</b>	<b>Semester</b>	<b>T+A Hour</b>	<b>Credit</b>	<b>ECTS</b>
STERILISATION & DISINFECTION METHODS	ADS1227200	Spring Semester	1+0	1	2
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	Turkish				
<b>Course Level</b>	Short Cycle (Associate's Degree)				
<b>Course Type</b>	Required				
<b>Course Coordinator</b>	Prof.Dr. Mahmut KUŞDEMİR				
<b>Name of Lecturer(s)</b>	Prof.Dr. Mahmut KUŞDEMİR				
<b>Assistant(s)</b>					
<b>Aim</b>	To demonstrate the sterilization and disinfection, and differences in sterilization and disinfection methods.				
<b>Course Content</b>	This course contains; Sterilization and disinfection concepts,Physical sterilization methods,Sterilization with heat,Sterilization with humid heat-I,Sterilization with humid heat-II,Sterilization with dry heat,Sterilization with filtration,Sterilization with radiation,Sterilization applications,Chemical sterilization methods,Disinfection,Disinfectants,Impact mechanisms of disinfectants,Disinfection applications.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
1.1.Defines sterilization.			10, 14, 9	A	
1.2.Explains disinfection.			14, 16, 9	A	
1.3.Expresses differences in sterilization and disinfection.			14, 9	A	
2.1.Explains physical and chemical sterilization methods.			10, 16, 9	A	
2.2.Defines disinfection methods and disinfectants.			14, 16, 9	A	
1. Explains the sterilization and disinfection concepts.			16, 9	A	
2. Identifies sterilization and disinfection methods.			12, 14, 9	A	
<b>Teaching Methods</b>	10: Discussion Method, 12: Problem Solving Method, 14: Self Study Method, 16: Question - Answer Technique, 9: Lecture Method				
<b>Assessment Methods</b>	A: Traditional Written Exam				
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	Sterilization and disinfection concepts				
2	Physical sterilization methods				
3	Sterilization with heat				
4	Sterilization with humid heat-I				
5	Sterilization with humid heat-II				
6	Sterilization with dry heat				
7	Sterilization with filtration				
8	Sterilization with radiation				
9	Sterilization applications				
10	Chemical sterilization methods				
11	Disinfection				
12	Disinfectants				
13	Impact mechanisms of disinfectants				
14	Disinfection applications				
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		40			
General Exam		60			
<b>Resources</b>					
Notes will be given to the students.					