

**Vocational School of Health Services / Dental Prosthetics Technology**

**2024 - 2025 Academic Year**

**MILLING TECHNIQUES**

**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>
MILLING TECHNIQUES	DPT2163080	Fall 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>	Assist.Prof. Emir Farboud BONABIAN				
<b>Name of Lecturer(s)</b>	Lect. Hale Beyza KARAÇİMEN				
<b>Assistant(s)</b>					
<b>Aim</b>	Learning general specifications and using techniques of parallelometer and milling machinery, and applying these techniques on fixed and removable dentures using milling machinery.				
<b>Course Content</b>	This course contains; 1. Parts of Parallelometer;2. Classification of Parallelometer;3. Working mechanisms of Parallelometer;4. The use of parallelometer for removable and fixed prosthesis;5. Milling device components;6. Milling techniques and applications;7. Milling device endications;8. Retentivity and stability concepts;9. General rules to be followed in milling applications;10. Preparation of path of placement with milling;11. Milling application methods I;12. Milling application methods II;13. Drills and its options to be considered in the process of milling process;14. Milling of different material I;15. Milling of different material II.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
1. Will be able to analyze model.			19, 5, 9	A	
2. Will be able to design path of placement for removable denture.			14, 16, 9	A	
2.1. Will be able to define the path of placement of denture.			16, 19, 9	A	
2.2 Will be able to apply necessary preparations to plan the prosthesis parts properly			14, 6, 9	A	
3. Will be able to evaluate required preparation for the precision attachments for fixed dental prosthesis			19, 9	A	
3.1. Will be able to apply precision attachments on fixed prosthesis			19, 6, 9	A	
3.2. Will be able to design precision attachments on removable dentures.			5, 6, 9	A	
3.3. Will be able to design the parts of fixed prosthesis that will support removable dentures.			14, 19, 9	A	
<b>Teaching Methods</b>	14: Self Study Method, 16: Question - Answer Technique, 19: Brainstorming Technique, 5: Cooperative Learning, 6: Experiential Learning, 9: Lecture Method				
<b>Assessment Methods</b>	A: Traditional Written Exam				
<b>Lecture Schedule</b>					
<b>Sequenc e</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	1. Parts of Parallelometer				
2	2. Classification of Parallelometer				
3	3. Working mechanisms of Parallelometer				
4	4. The use of parallelometer for removable and fixed prosthesis				
5	5. Milling device components.				
6	6. Milling techniques and applications				
7	7. Milling device endications				
8	8. Retentivity and stability concepts				
9	9. General rules to be followed in milling applications				
10	10. Preparation of path of placement with milling.				
11	11. Milling application methods I				
12	12. Milling application methods II				
13	13. Drills and its options to be considered in the process of milling process				
14	14. Milling of different material I				
15	15. Milling of different material II				
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		40			
General Exam		60			

<b>Resources</b>	
Lecture notes will be given to the students regularly.1.	Overdenture made easy. J. Preiskel
2.	Oral Rehabilitation I & II. S. Palla