

Vocational School of Health Services / Dental Prosthetics Technology

2024 - 2025 Academic Year

INTRODUCTION to ORTHODONTICS

Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
INTRODUCTION to ORTHODONTICS	DPT2263090	Spring Semester	2+2	3	8
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	Short Cycle (Associate's Degree)				
Course Type	Required				
Course Coordinator					
Name of Lecturer(s)	Lect. Ceren AKIN				
Assistant(s)					
Aim	Capable to prepare orthodontic model, orthodontic study model, fixed orthodontic appliances, removable orthodontic appliances preparation and capable of asses wire bending and clasp preparation techniques.				
Course Content	This course contains; 1. The orthodontic tools and devices,2. The essentials of wire bending I,3. The essentials of wire bending II,4. The essentials of wire bending III,5. Orthodontic models,6. Orthodontic anomalies,7. Classification of orthodontic appliances,8. Retentive parts of appliances,9. Orthodontic screws,10. Base plate of appliances,11. Orthodontic bands,12. Distraction devices,13. Fixed orthodontic appliances,14. Removable functional appliances.				
Course Learning Outcomes		Teaching Methods		Assessment Methods	
3.comment on the clasps which is suitable for the case to make retentive removable appliances.		13, 19, 9		A	
3.1.bend the retentive and active clasps and make the adaptation of them to orthodontic model.		16, 19, 9		A	
3.2.prepare the base plate of removable appliances.		16, 19, 9		A	
4.prepare the retention appliances after orthodontic therapy		10, 14, 9		A	
4.1.bend the fixed retainer for anterior teeth		10, 13, 9		A	
4.2.prepare removable retainer for upper and lower jaw		14, 16, 9		A	
2.prepare fixed orthodontic appliances.		12, 19, 9		A	
1.can asses the needed techniques for making orthodontic models.		16, 19, 9		A	
1.1. prepare the orthodontic models.		19, 5, 9		A	
1.2 prepare the orthodontic study models and can transport the models to articulator .		16, 19, 9		A	
2.1 prepare orthodontic bands and fixed orthodontic retainers.		16, 19, 9		A	
Teaching Methods	10: Discussion Method, 12: Problem Solving Method, 13: Case Study Method, 14: Self Study Method, 16: Question - Answer Technique, 19: Brainstorming Technique, 5: Cooperative Learning, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam				
Lecture Schedule					
Sequenc e	Topics	Preliminary Preparation			
1	1. The orthodontic tools and devices				
2	2. The essentials of wire bending I				
3	3. The essentials of wire bending II				
4	4. The essentials of wire bending III				
5	5. Orthodontic models				
6	6. Orthodontic anomalies				
7	7. Classification of orthodontic appliances				
8	8. Retentive parts of appliances				
9	9. Orthodontic screws				
10	10. Base plate of appliances				
11	11. Orthodontic bands				
12	12. Distraction devices				
13	13. Fixed orthodontic appliances				
14	14. Removable functional appliances				
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources

Lecture textbooks.1. Essentials of Orthodontics: Diagnosis and Treatment. Robert N. Staley, Neil T. Reske
 2. Orthodontic Concepts and Strategies. Frans P.G.M. van der Linden
 3. Orthodontic Laboratory Techniques. Al McOrmond