

# PROSTHODONTICS I

1	Course Title:	PROSTHODONTICS I
2	Course Code:	DHF203
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	2
6	Semester:	0
7	ECTS Credits Allocated:	10.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	6.00
10	Laboratory (hour/week):	0
11	Prerequisites:	DHF 203 Prosthodontics I Students are required to successfully complete and submit the announced homework within the given time. Students are required to compensate for their missing practical work on specified days and hours. A student who does not fulfill this obligation cannot take the final exam of that course and is considered to have zero marks from that course exam. If the student does not complete the practical works that are missing in the compensation period determined before the condition exam; he / she is not entitled to take the condition exam and he / she is considered to have received zero marks from that course exam.
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Dr. Öğr. Üyesi SEDA ÜSTÜN ALADAĞ
15	Course Lecturers:	Öğr. Gör. Seda Üstün Dr. Öğr. Üyesi Gonca Deste Gökay
16	Contact information of the Course Coordinator:	sedaustun@uludag.edu.tr
17	Website:	
18	Objective of the Course:	To teach the general approach, working principles and construction stages of prosthetic restoration in total edentulous mouth, partially edentulous mouth and teeth with material loss.
19	Contribution of the Course to Professional Development:	To have basic and up-to-date knowledge of the clinical and technical sciences required by the dentistry profession, to use the tools to provide oral and dental health required by the profession
20	Learning Outcomes:	
	1	To define and apply terminology, indications and functions for full and removable partial dentures
	2	To apply the clinical and laboratory stages, respectively, in the production of full and removable partial dentures
	3	To list the structural elements of complete and removable partial dentures
	4	To acquire knowledge of terminology and classification for fixed prostheses
	5	To learn the clinical and laboratory stages of single metal supported porcelain crown
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21	Course Content:		
Course Content			
Theoretical		Practice	
Introduction to Complete Dentures / Objectives of Prosthetic Treatment / Mouth preparation before prosthesis Impression methods in total prostheses, obtaining a model Personal spoon, edge shaping, boxing Base Materials and Plate Preparation Wax Wall (horizontal-vertical relationships) and articulators Records in complete dentures (Horizontal-vertical relations, eccentric registers) Tooth selection and tooth alignment (anterior and posterior) in complete dentures Curing and acrylic injection in full dentures Finishing of dentures, Herbst tests Problems encountered in complete dentures, feeding, base change, repair Factors affecting retention in complete dentures Occlusion terms and concepts, occlusion types in natural teeth Movement directions of the mandible and guide systems Introduction to Partial Dentures (Definition, Purposes, Classification of edentulous arches) and mouth preparation Biomechanics of removable partial dentures (planes, axes, tissue support, dental support) Structural Elements of Removable Partial Dentures (Main Binders) Direct and Indirect Attachments Model Analysis and Planning Laboratory Procedures in Removable Partial Dentures Fixed partial dentures preparation principles Obtaining measurements and models in fixed prostheses Registration of jaw relations in fixed partial dentures Metal infrastructure design Porcelain application methods Porcelain finishing-painting-glazing Metal-porcelain connection Causes of failure in metal-supported porcelain crowns			
22	Textbooks, References and/or Other Materials:	George Zarb, John Hobkirk, Steven Eckert, Rhonda Jacob. Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported Prostheses. Mosby, 13th Ed. 2012. Iwavo Hayakawa. Principles andpractices of completedentures., Quintessence Pub Co. Ltd Tokyo 1999. Mcgivney GP, Castleberry DJ. Mccracken's removable partial prosthodontics. Mosby Co. 1989. St. Louis. Shillingburg,H.T., Hobo,S., Whitsett,L.D., Jacobi,R., Brackett, S.E. 1997; Sabit Protezin Temelleri, Çeviri Editörü: Prof. Dr. M. Kemal Ünsal Prof. Dr. Aslıhan Uşümez 3. baskı, Quentessence Yayıncılık	
23	Assesment		
TERM LEARNING ACTIVITIES		NUMBE R	WEIGHT
Midterm Exam		2	40.00
Quiz		0	0.00

Home work-project	28	20.00
Final Exam	1	40.00
Total	31	100.00
Contribution of Term (Year) Learning Activities to Success Grade	60.00	
Contribution of Final Exam to Success Grade	40.00	
Total	100.00	
Measurement and Evaluation Techniques Used in the Course	Theoretical and practical exam	

## 24 ECTS / WORK LOAD TABLE

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	28	2.00	56.00
Practicals/Labs	28	6.00	168.00
Self study and preperation	8	2.00	16.00
Homeworks	20	2.00	40.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	2	5.00	10.00
Others	0	0.00	0.00
Final Exams	1	10.00	10.00
Total Work Load			300.00
Total work load/ 30 hr			10.00
ECTS Credit of the Course			10.00

25

## CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS

	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	3	3	4	4	1	1	1	1	1	1	1	3	1	2	1	0
ÖK2	3	3	4	4	2	1	1	1	1	1	1	3	1	2	1	0
ÖK3	3	3	4	5	1	1	1	1	1	1	1	3	1	2	1	0
ÖK4	3	3	4	4	1	1	1	1	1	1	1	1	1	2	1	0
ÖK5	3	3	4	4	1	1	1	1	1	1	1	1	1	2	1	0

LO: Learning Objectives PQ: Program Qualifications

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High
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