

COURSE DESCRIPTION FORM	
Course Code and Name	DHF 400 Prosthodontics
Course Semester	7-8
Catalogue Data of the Course (Course Content)	Gaining clinical knowledge and skills in dental supported fixed partial dentures, dental tissue supported removable partial dentures and tissue supported full dentures. Gaining knowledge and skills in patient preparation, diagnosis and treatment of prosthetic dental treatment in uncomplicated cases in a determined number of trainees for the groups in 5 weeks.
Course Textbooks	Shillingburg H.T. Fundamentals of fixed prosthodontics, Quintessence Pub. Co.1981, Toronto. Henderson D.V.et al: McCrackens Removable Partial Prosthodontics, Mosby Co. 2000, Saint Louis. Phoenix RD, Cagna DR, De Freest CF. Stewart's Clinical Removable Partial Prosthodontics, Quintessence Pub. Co., 2008. Çalikkocaoğlu S. Dişsiz hastaların protetik tedavisi-Klasik Tam Protezler, 5. Basım, Quintessence, İst. Shillingburg H.T. Fundamentals of fixed prosthodontics, Quintessence Pub. Co.1981, Toronto. Henderson D.V.et al: McCrackens Removable Partial Prosthodontics, Mosby Co. 2000, Saint Louis. Phoenix RD, Cagna DR, De Freest CF. Stewart's Clinical Removable Partial Prosthodontics, Quintessence Pub. Co., 2008. Çalikkocaoğlu S. Dişsiz hastaların protetik tedavisi-Klasik Tam Protezler, 5. Basım, Quintessence, İst.
Supplementary Textbooks	-
Credit (ECTS)	7
Prerequisites for the Course (Attendance Requirements)	1) 70% theoretical course, 80% practical course attendance is compulsory. 2) It is obligatory to successfully pass the DHF300-Prosthetic Dentistry, DHF320-Endodontics, DHF3092-Jaw Movements and Occlusion courses. 3) The practical application of the course is the threshold in the success criteria. Students who successfully complete the practical applications cannot take the final exam. 4) The final exam of the course consists of two theoretical and practical phases. It is obligatory to take both exams.
Course Type	Vocational / Technical Compulsory Course
Language of Instruction	Turkish
Course Objectives	Teaching both theoretical and practical clinical treatment planning, oral preparation and application in tooth supported fixed partial dentures, dental tissue supported removable partial dentures and tissue supported full dentures
Course Learning Outcomes	1. Recording, anamnesis, oral preparation before prosthesis, evaluation of support teeth, treatment planning, tooth cutting, impression techniques, temporary crown bridge restorations, interocclusal recording methods, use of articulatory and facial arches, metal-supported ceramic crown applications in tooth-supported fixed partial dentures know and apply it in the clinic. 2. Knows and clinically applies pre-impression clinical preparations and patient control, ensuring retention and stability, interocclusal recording, use of faceplate in tissue-supported full dentures. 3. Knows mouth preparation, retainers used, planning, impression techniques, recording of lower-upper jaw relations in dental tissue supported removable partial dentures and applies them in the clinic. 4. Knows and applies clinical applications in determining the occlusal record in tissue supported full dentures, waxed rehearsal preparations in the clinic, dental alignment, aesthetic approaches and gear rehearsal, applied occlusion types and articulation laws, clinical application after finishing, tissue regulator and soft lining application. 5. Knows tooth selection, tooth alignment and tooth rehearsal, one-piece casting processes and tissue relations, base plate replacement and feeding processes, clinical

	<p>application of sensitive retainers, problems encountered and elimination of problems in dental tissue supported removable partial dentures and applies them in the clinic.</p> <p>6. Knows and clinically applies full ceramic systems, laminate veneer, post application and core construction, indirect adhesive bridges, aesthetic approaches, color selection and the problems encountered in fixed partial dentures with tooth support.</p> <p>7. Knows the application of single chin tissue supported full dentures and tooth supported full denture types, properties and applies them in the clinic.</p> <p>8. Knows the application of single chin tissue supported full dentures and tooth supported full denture types, properties and applies them in the clinic.</p>
<p>Instruction Method (Face-to-face, Distance education etc.)</p>	<p>This course is carried out in the form of face-to-face theoretical and practical training on the bedside in the clinic.</p>
<p>Weekly Schedule of the Course</p>	<p>Week 1: Tooth-supported fixed partial dentures (Registration, anamnesis, oral preparation before prosthesis, removal of crowns and bridges, evaluation of support teeth in fixed dentures)</p> <p>Week 2: Tissue supported full denture. Mucosal lesions due to systemic and local causes affecting. Tissue supported full denture. Pre-prosthetic clinical preparations and patient control</p> <p>Week 3: Tooth supported fixed partial denture. Treatment planning</p> <p>Week 4: Dental tissue supported removable partial denture. Overview of retainers in pre-prosthetic mouth preparation and removable partial dentures</p> <p>Week 5: Tooth supported fixed partial denture. Tooth cutting principles and impression techniques</p> <p>Week 6: Tissue supported full denture. Ensuring retention (Impression techniques, impression trays, clinical procedures, boxing, pedestal plates, labile fibrous ridges, herbst tests)</p> <p>Week 7: Tooth supported fixed partial denture. Temporary restoration application, Temporary crowns and bridges.</p> <p>Week 8: Dental tissue supported removable partial denture. Planning (I)</p> <p>Week 9: Dental tissue supported removable partial denture. Planning (II)</p> <p>Week 10: Tooth supported fixed partial denture. Recording methods, interocclusal recording, articulators, taking models into the articulator and using the face arc</p> <p>Week 11: Factors affecting retention and stability in tissue supported complete dentures. Factors affecting stability in tissue supported full dentures (neutral zone)</p> <p>Week 12: Metal supported ceramic crown applications</p> <p>Week 13: Tissue supported full denture. Waxed proofing preparations and application phase in the clinic. Methods used in mandibular-maxillary relationship recording</p> <p>Week 14: Dental tissue supported removable partial denture. Impression techniques, mandibular and maxillary relations and recording system</p> <p>Week 15: Tissue supported full denture. Clinical applications in occlusal recording, use of facial arch and articulator in clinic</p> <p>Week 16: Dental tissue supported removable partial denture. Tooth selection, tooth alignment and tooth proofing clinical practice</p> <p>Week 17: All-ceramic systems. Laminate veneer restoration (Porcelain)</p> <p>Week 18: Tissue supported full denture. Tooth alignment and aesthetic approaches, gear rehearsal preparation and application phase in the clinic</p> <p>Week 19: Core making, post application, post-core (casting)</p> <p>Week 20: One-piece casting laboratory processes in dental tissue supported removable partial dentures. Tissue relationships in dental tissue supported removable partial dentures</p> <p>Week 21: Indirect adhesive bridge. Repair of tooth-supported fixed partial dentures</p> <p>Week 22: Tissue supported full denture. The type of occlusion applied and its relationship with the laws of articulation</p> <p>Week 23: Dental tissue supported removable partial denture. Clinical practice. Feeding and rubbing in removable partial dentures</p> <p>Week 24: Tooth supported fixed partial denture. Aesthetic approaches and color selection. Tooth-supported fixed partial denture. Problems and failures</p> <p>Week 25: Tooth-supported precision-retained removable partial denture</p> <p>Week 26: Dental tissue supported removable partial denture. Problems encountered after application and elimination of these problems. Addition of tooth-clasp in removable dentures</p> <p>Week 27: Tissue supported full denture. Single chin tissue supported full denture application and solution of problems. Tooth supported full denture (Overdenture). Types and features</p>

	<p>Week 28: Tissue supported full denture-Using and application of tissue regulating and soft lining materials. Tissue supported full denture-Post-final clinical practice</p> <p>Mandatory minimum clinical applications within 5 weeks of clinical duration: 1. Lower-upper removable prosthesis (1 piece) 2. Fixed prosthesis (1 piece) (Veneer crown, full metal crown, full ceramic crown, crown with pivo can be made.)</p>								
Teaching Activities <i>(The time spent for the activities listed here will determine the amount of credit required)</i>	Weekly theoretical course hours 2 hours / 28 weeks Weekly practical course hours 20 hours / 5 weeks Reading activities 2 hours / 2 weeks Internet search and library work 2 hours / 2 weeks Designing and implementing materials 2 hours / 5 weeks Making a report Preparing and making presentations Midterm and revision for midterm 1 hour / 2 weeks Final exam and revision for final exam 1 hour / 1 week								
Assessment Criteria		Number(s)	Weight (%)						
	Midterm exam	2	24						
	Assignment								
	Application								
	Project								
	Practice ()		36						
	Quiz								
	Final exam	1	40						
	Total	3	100						
Workload of the Course	Activity	Number of Weeks	Duration (Weekly Hour)	End of Semester Total Workload					
	Weekly theoretical course hours	28	2	56					
	Weekly practical course hours	5	20	100					
	Reading activities	2	2	4					
	Internet search and library work	2	2	4					
	Designing and implementing materials	5	2	10					
	Making a report								
	Preparing and making presentations								
	Midterm and revision for midterm	2	1	2					
	Final exam and revision for final exam	1	1	1					
	Total workload			177					
	Total workload/ 25			7.08					
Course Credit (ECTS)			7						
Contribution Level between Course Outcomes and Program Outcomes	No	Program Outcomes			1	2	3	4	5
	1	Knows the normal structure and functions of the human body and specifically the structures and teeth in the mouth area on the basis of cells, tissues, organs and systems, and their interactions with each other.							x
	2	Defines the causes and formation mechanisms of mouth, teeth and jaw diseases, the findings they cause, structure and function disorders and how they affect the organism.							x
	3	Knows, comprehends, relates and evaluates the symptoms and findings, diseases and conditions and professional practices in the national core education program of dentistry							x

		and Gazi University Faculty of Dentistry Extended Education Program at a determined level.					
	4	Knows how to reach the best current scientific evidence, evaluate its reliability and validity in line with personal learning needs.					x
	5	Knows the legislation on professional legal responsibilities, deontology and ethical principles.			x		
	6	Knows and makes professional practices in the national core education program of Dentistry and Gazi University Faculty of Dentistry Extended Education Program at the specified level.					x
	7	It carries out diagnosis, treatment and follow-up processes by prioritizing evidence-based practice, critical thinking and ethical principles.					x
	8	Aware of his/her limitations, sets personal learning goals to support her professional development, and directs the patient to the appropriate center when necessary.					x
	9	Knows the incidence of diseases in the mouth, teeth and jaws in the society, contributes to the prevention and reduction.					x
	10	While practicing his/her profession independently, she acts in accordance with the laws, regulations, legislation and ethical principles related to her duties and responsibilities.				x	
	11	Has teamwork and leadership skills, becomes a role model to colleagues and society.					x
	12	Plans personal professional development, realizes it with the principle of lifelong learning				x	
	13	Establishes effective written and verbal communication with the patient, patient relatives, other health personnel, society, relevant sectors and the media.					x
	14	Establishes effective written and verbal communication with the patient, patient relatives, other health personnel, society, relevant sectors and the media.			x		
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