

COURSE DESCRIPTION FORM	
Course Code and Name	DHF200 Prosthetic Dental Treatment
Course Semester	3-4
Catalogue Data of the Course (Course Content)	To learn indications, contraindications, planning principles and laboratory construction stages of tissue supported full dentures, dental tissue supported removable partial dentures and tooth supported fixed partial crown prostheses with theoretical and practical applications.
Course Textbooks	Schillingburg TH, Hobo S, Whittset DL. Fundamentals of fixed prosthodontics. 3rd.ed., Quintessence Pub, 1997. Rosenstiel S, Land M, Fujimoto J. Contemporary Fixed Prosthodontics, 4th ed., Mosby, 2006. Senih Çalikkocaoğlu. Dişsiz Hastaların Protetik Tedavisi. Quintessence , 2020.
Supplementary Textbooks	Carr A. B., Brown D. T. McCracken's removable partial prosthodontics, Elsevier Mosby, 2011.
Credit (ECTS)	12
Prerequisites for the Course (Attendance Requirements)	1) There is a 70% theoretical course, 80% practical course attendance requirement. 2) DHF100-Dental Anatomy and Physiology ANA 100- General Anatomy, It is obligatory to pass FZY100- Physiology I courses successfully. 3) As reported by the Department of Prosthetic Dentistry, The completion of the practical laboratory practices are mandatory throughout the year. 4) The final exam (final) of the course is in two stages, theoretical and practical. It is obligatory to take both exams.
Course Type	Compulsory Course
Language of Instruction	Turkish
Course Objectives	Teaching the indications, contraindications, planning principles and laboratory construction stages of tissue supported full dentures, dental tissue supported removable partial dentures and tooth supported fixed partial dentures (crowns) with both theoretical and practical applications.
Course Learning Outcomes	1. Gains knowledge about indications, contraindications, diagnostic criteria and anatomy of supporting structures in tissue supported full dentures. 2. Knows and applies the construction stages of tissue supported full dentures. 3. Knows indications, contraindications, diagnostic criteria and anatomy of supporting structures of dental tissue supported removable partial dentures. 4. Knows and applies model preparation, Kennedy classification, modifications, parts, limits and construction stages in dental tissue supported removable partial dentures. 5. Knows and applies indications, contraindications, diagnostic criteria and tooth cutting principles in tooth supported fixed partial dentures. 6. Knows and applies crown static and crown edge termination methods and model preparation methods in tooth supported fixed partial dentures. 7. Knows temporary crowns, full metal crowns, metal supported ceramic crowns, full ceramic crowns, partial crowns, inlay, onlay, pinley restorations, telescope crowns, laminate veneers. 8. Knows post application, core construction and prosthetic applications.
Instruction Method (Face-to-face, Distance education etc.)	Face to face
Weekly Schedule of the Course	Theoretical Course Week 1: Tissue supported full denture. Indication, contraindication and diagnostic criteria Week 2: Anatomy of supporting structures in tissue supported full dentures Week 3: Model and occlusion template preparation for tissue supported full dentures Week 4: Maxillomandibular relations in tissue supported full dentures and interocclusal

recording methods in full dentures
 Week 5: Tooth alignment and modeling in tissue supported full dentures
 Week 6: Acrylic resin application technique and buffing in tissue supported full dentures
 Week 7: Leveling and polishing in tissue supported full dentures. Fracture repair in removable prostheses.
 Week 8: Definition, history and anatomy of supporting structures in dental tissue supported removable partial dentures. Dental tissue supported removable partial denture indication, contraindication and diagnostic criteria.
 Week 9: Model preparation technique in dental tissue supported partial dentures
 Week 10: Kennedy classification and modifications in dental tissue supported partial dentures
 Week 11: Parts and borders of dental tissue supported removable partial dentures
 Week 12: Twisting clasps in dental tissue supported removable partial dentures
 Week 13: Base plate and wax walls, tooth alignment in dental tissue supported removable partial dentures
 Week 14: Floating and acrylic resin application techniques in dental tissue supported removable partial dentures
 Week 15: Tooth supported fixed partial denture. Indication, contraindication, diagnostic criteria. Principles of tooth cutting in fixed partial dentures with tooth support.
 Week 16: Tooth cutting (Crown), crown static and crown edge termination forms
 Week 17: Model and die systems
 Week 18: Temporary restoration application
 Week 19: Full metal crowns
 Week 20: Metal supported ceramic crowns (tooth cutting, alloys, porcelain structure)
 Week 21: Metal substructure design, metal porcelain connection in metal supported ceramic crowns
 Week 22: Laboratory applications in metal-supported ceramic crowns
 Week 23: Full ceramic crown
 Week 24: Partial crowns ($\frac{3}{4}$, $\frac{4}{5}$, $\frac{7}{8}$ crowns)
 Week 25: Inlay-pinley. Onlay.
 Week 26: Telescope crowns
 Week 27: Laminate veneer restoration (porcelain)
 Week 28: Post application, core construction, post-core (casting)

Practical applications:

Week 1: Model, base plate, template preparation in tissue supported full dentures
 Week 2: Interocclusal recordings in tissue-supported complete dentures
 3. Week: Dental tissue supported removable partial dentures Tooth alignment and modeling in full dentures
 Week 4: Muffle
 Week 5: Acrylic resin application technique in tissue supported full dentures
 Week 6: Leveling and polishing of tissue supported full dentures
 Week 7: Delivery of tissue supported full dentures
 Week 8: Model preparation for dental tissue supported removable partial dentures
 Week 9: Shaping the twist crochets
 Week 10: Base plate, occlusion template preparation and interocclusal recording procedures in dental tissue supported removable partial dentures
 11. Week: Tooth alignment in dental tissue supported removable partial dentures
 Week 12: Flaring in dental tissue supported removable partial dentures, acrylic resin application
 13. Week: Leveling and polishing processes in dental tissue supported removable partial dentures
 Week 14: Delivery of dental tissue supported removable partial dentures
 Week 15: Preparing a working model for tooth-supported fixed partial dentures (Direct technique)
 16. Week: Working model preparation for tooth supported fixed partial dentures (indirect technique)
 Week 17: Phantom tooth cutting
 Week 18: Acrylic temporary crowns
 Week 19: Wax sample shaping, casting, polishing and polishing on full metal crowns
 Week 20: Metal supported ceramic crown preparation, plaster model preparation
 Week 21: Preparation of core infrastructure for metal-supported ceramic crowns

	Week 22: Superstructure preparation for metal-supported ceramic crowns Week 23: Preparation principles for full ceramic crowns Week 24: Partial crowns (one of 3/4.4/5.7/8) Week 25: Inlay onlay techniques, preparation, modeling Week 26: Telescope crown practice Week 27: Laminate veneers Week 28: Post core application .									
Teaching Activities <i>(The time spent for the activities listed here will determine the amount of credit required)</i>	Weekly theoretical course hours 28 week / 2 hours Weekly practical course hours 28 week / 2 hours Reading activities 8 week / 1 hours Internet search and library work 8 week / 1 hours Designing and implementing materials 8 week / 1 hours Making a report Preparing and making presentations Midterm and revision for midterm 2 week / 1hours Final exam and revision for final exam 1 week / 1hours									
Assessment Criteria		Number(s)	Weight (%)							
	Midterm exam	2	24							
	Assignment									
	Application	1 (28)	18							
	Project									
	Practice	2	18							
	Quiz									
	Final exam	1	40							
	Total	7	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	28	8	224					
		Reading activities	8	1	8					
		Internet search and library work	8	1	8					
		Designing and implementing materials	8	1	8					
		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			307					
		Total workload/ 25			12,28					
	Course Credit (ECTS)			12						
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 oral, dental and jaw diseases, the findings they cause, structure and function disorders and how they affect the organism.							x	

