

COURSE DESCRIPTION FORM	
Course Code and Name	DHF 350 PERIODONTOLOGY Ek-2
Course Semester	Annual- (5-6 semesters)
Catalogue Data of the Course (<i>Course Content</i>)	Understanding the etiology, microbiology and pathogenesis of periodontal diseases and evaluating the clinical and radiographic diagnostic procedures used in the diagnosis of diseases and Periodontal Phase 1 treatment are explained and demonstrated theoretically and practically.
Course Textbooks	- "Carranza's Clinical Periodontology", Editors: Newman, Takei, Carranza; Saunders Publishing House.
Supplementary Textbooks	- "Clinical Periodontology And Implant Dentistry", Editors: Lindhe, Karring, Lang; Munksgaard, Copenhagen
Credit (ECTS)	4
Prerequisites for the Course (<i>Attendance Requirements</i>)	To be successful in DHF290 Microbiology / Oral Microbiology, FZY 200 Physiology II, HST 200 Histology II In order to be able to take the final exam, he / she is obliged to complete all semester studies specified in the evaluation criteria. Attendance is mandatory
Course Type	Compulsory Vocational / Technical lesson
Language of Instruction	Turkish
Course Objectives	To teach in detail the anatomy of the gum and tooth supporting structures. Understanding the etiology, microbiology and pathogenesis of periodontal diseases, and examining their relationship with systemic diseases. Giving information about the clinical findings of periodontal diseases and all other diagnostic procedures. To have sufficient knowledge about Periodontal Phase 1 treatment practices, instruments used and drug applications.
Course Learning Outcomes	<ol style="list-style-type: none"> 1. To have detailed knowledge about the anatomy of teeth and periodontal tissues. 2. To have the ability to make detailed examination of teeth, periodontium and oral mucosa and to keep patient records. 3. To have sufficient knowledge about the epidemiology and classification of periodontal diseases. 4. To know the etiology and pathogenesis of periodontal diseases and to evaluate the prognosis. 5. To be able to evaluate the relationships between periodontal diseases and systemic diseases bilaterally and to make the necessary pre-diagnosis and guidance. 6. To have sufficient knowledge about local, environmental and systemic factors in the etiology of periodontal diseases and prevention from disease. 7. To be able to take a complete anamnesis about the medical and dental condition of the patient; To have the ability to transfer clinical and radiographic examination findings to the recording systems and to be able to interpret the results of the examination by considering the social status of the patient, to make a definitive diagnosis, to determine the needs in treatment planning and to be able to perform the treatment by considering the patient's needs 8. Having knowledge about different lesions in the oral cavity, evaluating differential diagnoses and being able to refer to the specialist with pre-diagnosis. To have the knowledge and ability to define the differences between healthy and pathological conditions, not only in terms of periodontal diseases, but also for the general dentistry clinic. 9. To have up-to-date information about radiographic and all diagnostic procedures, clinical and laboratory procedures used in the diagnosis of periodontal diseases and to be competent to evaluate the results.

	<p>10. To be proficient in consultation with physicians in other branches.</p> <p>11. To have sufficient knowledge about the physiological differences in different periods of life in the periodontium.</p> <p>12. To have knowledge about the instruments used in all clinical and surgical treatment procedures of periodontal diseases.</p> <p>13. Must have fully competent knowledge in educating patients about oral hygiene practices. It should convey the necessary information about the etiology of periodontal diseases to the patients and encourage the patients about the responsibilities of their oral and dental health.</p> <p>14. Must have the necessary knowledge and competence about drug use in periodontology.</p> <p>15. Periodontal Phase 1 should have the competence to plan and apply procedures such as supragingival and subgingival tartar cleaning and root surface straightening according to the needs of the patient.</p>
Instruction Method <i>(Face-to-face, Distance education etc.)</i>	It is carried out as face-to-face theoretical and clinical observation.
Weekly Schedule of the Course	<p>1. week Gum Anatomy-</p> <p>2. weeks Anatomy of Feminine Supporting Structures</p> <p>3. weeks Epidemiology of Gingival and Periodontal Diseases- Classification of Periodontal Diseases-Not dependent on the plate gingival diseases or problems</p> <p>4. week Microbiology of Periodontal Diseases- Biofilm-Virulence Factors-</p> <p>5. week Tartar and the factors that prepare the formation of tartar- Pathogenesis of Gingival Inflammation-</p> <p>6. week Immunity and Inflammation- Vitamin and mineral deficiencies</p> <p>7. week The Relationship Between Periodontal Diseases and Systemic Diseases-</p> <p>8. week Host-Microbiology Relationship in Periodontal Disease</p> <p>9. week Defense Mechanisms of the Gingiva-Reduction / absence of saliva (Dry mouth Xerostomia) -Excess saliva (Hypersalivation, Sialorrhea) Clinical Findings of Gingival Inflammation - Gingival hyperemia- Gingival swelling</p> <p>10. week Gingival Growth</p> <p>11. week Bad Breath Gum Diseases Seen in Childhood-Sliding gingivitis</p> <p>12. week Mucous Membrane Diseases</p> <p>13. week Periodontal Pocket Alveolar Bone Loss-Intra-bone defects</p> <p>14. week Radiography in the Diagnosis of Periodontal Diseases Chronic Periodontitis</p> <p>15. week</p>

	<p>Acute Gingival Infections -Aphthous stomatitis-Perichorionitis- Aphthous lesions NUG –NUP</p> <p>16. week Aggressive Periodontitis Aging and Periodontium</p> <p>17. week Diseases with Neutrophil Anomalies and Their Effects on Periodontium-AIDS</p> <p>18. week Clinical Diagnosis of Periodontal Diseases-Dental mobility-Gingival pain- Periodontal index taking and evaluation</p> <p>19. week Evaluation of Prognosis in Periodontal Diseases</p> <p>20. weeks Introduction to Phase I Periodontal Treatment Bacterial Plaque Control</p> <p>21. Week Tools used in periodontology Dental Surface Cleaning-Root Surface Cleaning</p> <p>22. week Supra and subgingival irrigation applications Periodontal Abscess-Gingival Abscess</p> <p>23. week Emergency Periodontal Treatment Periodontal Treatment in Women</p> <p>24. week Drug use in periodontology</p> <p>25. week Periodontal Treatment in Medical Problems Patients</p> <p>26. week Periodontal Disease and Treatment in the Elderly Aggressive Periodontitis Treatment</p> <p>27. weeks Gingival Recession-Gingival sensitivity Aesthetic Problems of the Gingiva-</p> <p>28. week Occlusal Evaluation and the Effect of Occlusal Trauma on Periodontium- Tooth clenching and / or teeth grinding-</p> <p>Clinical observation (2 weeks)</p>			
<p>Teaching Activities</p> <p><i>(The time spent for the activities listed here will determine the amount of credit required)</i></p>	<p>Theoretical hours per week: 2 hours Weekly practical lessons: 2 weeks Reading Activities 2 hours Internet browsing, library study 2 hours Material design, application Report preparing Preparing homework 2 hours Homework presentation 2 hours Midterm and midterm exam preparation 2 hours Final exam and preparation for the final exam 2 hours</p>			
<p>Assessment Criteria</p>		<p>Numbers</p>	<p>Total Contribution (%)</p>	
	<p>Midterm</p>	<p>2</p>	<p>39</p>	

	Homework(or applyinh a Project)	1	9							
	Practice									
	Projeler									
	Pratik	1	6							
	Quiz	1	6							
	Final	1	40							
	Total	6	100							
Workload of the Course	Activities		Total Number of Weeks	Duration (Weekly Hours)		Total Workload at the End of the Term				
	Theoretical lesson per week		28	2		56				
	Practical lessons per week		2	8		16				
	Reading Activities		2	2		4				
	Internet browsing, library study		2	2		4				
	Material design, application									
	Report preparing									
	Preparing homework		2	4		8				
	Homework Presentation		2	2		4				
	Midterm and preparation for the midterm exam		2	2		4				
	Final exam and preparation for the final exam		2	2		4				
	Others									
	Total workload					100				
	Total workload/ 25					100/25				
	Course Credit (AKTS)					4				
Contribution Level between Course Outcomes and Program Outcomes		No	Program Outcomes		1	2	3	4	5	
	1	Knows the normal structures 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							X	

			findings they cause, structural and functional disorders and how they affect the organism.						
	3	Knows, understands, correlates, and evaluates the symptoms and findings in the national core education program of dentistry and Gazi University Faculty of Dentistry Extended Education Program, diseases and conditions and professional practices at a determined level.						X	
	4	Knows to reach the best current scientific evidence in line with personal learning needs, and to evaluate its reliability and validity.						X	
	5	Knows the legislation on professional legal responsibilities, deontology and ethical principles..		X					
	6	Knows and performs the professional practices in the national core education program of dentistry and						X	

			Gazi University Faculty of Dentistry Extended Education Program.						
	7	Conducts diagnosis, treatment and follow-up processes by prioritizing evidence-based practice, critical thinking and ethical principles.						X	
	8	Aware of its limitations, puts personal learning goals to support professional development, guide the patient to the appropriate center when necessary.						X	
	9	Knows the prevalence of diseases in the mouth, teeth and jaws in the society, contributes to prevention and reduction.						X	
	10	While practicing his/her profession independently, he/she acts in accordance with the laws, regulations, legislation and ethical principles regarding his/her duties and responsibilities.					X		

	11	Has teamwork and leadership skills, and becomes a role model for colleagues and society.						X
	12	Plans personal professional development and realizes it with the principle of lifelong learning.			X			
	13	Establishes the effective written and oral communication with patients, their relatives, other healthcare professionals, society, relevant sectors and media.						X
	14	Follows the innovations in the profession by using foreign language and information communication technologies	X					
Lecturer(s) and Contact Information		1. Prof. Dr. Mehmet YALIM myalim@gazi.edu.tr 2. Prof. Dr. Altan DOĞAN doganaltan@gmail.com 3. Prof. Dr. Berrin ÜNSAL bunsal@gazi.edu.tr 4. Prof. Dr. Nurdan KURTULUŞ nurdan@gazi.edu.tr 5. Prof. Dr. Gülay TÜTER gulay@gazi.edu.tr 6. Prof. Dr. Bülent KURTIŞ mbulent@gazi.edu.tr 7. Prof. Dr. Ayşen BODUR abodur@gazi.edu.tr 8. Prof. Dr. Deniz ÖZBAY ÇETİNER fdeniz@gazi.edu.tr 9. Prof. Dr. Burcu ÖZDEMİR cburcu@gazi.edu.tr 10. Associate Prof. Dr Sıla Çağrı İŞLER silaisler@gazi.edu.tr 11. Associate Prof. Dr Zeynep TURGUT ÇANKAYA zeynepturgut@gazi.edu.tr 12. Associate Prof. Dr. Sühan GÜRBÜZ suhangurbuz@gazi.edu.tr 13. Assistant Prof. Dr Adil BAŞMAN adilbasman@gazi.edu.tr						