

Course Description Form													
Course Code and Name	DHF 520 Endodontics												
Course Semester	9-10												
Catalog Content	Patient preparation. Diagnosis of endodontic problems. Treatment of endodontic problems.												
Textbook	Pathways of the Pulp-Cohen, Hargreaves.												
Supplementary Textbooks	Endodontide Tanı ve Tedaviler- Prof. Dr. M. Kemal ÇALIŞKAN Endodonti-Prof. Dr. Tayfun ALAÇAM												
Credit	4												
Prerequisites of the Course (Attendance Requirements)	DHF 420 Endodonti DHF 410 Restoratif Diş Tedavisi DHF 430 Oral Diagnoz ve Radyoloji Attendance is compulsory. Clinical practice education must be completed.												
Type of the Course	Vocational/Technical Lesson												
Instruction Language	Turkish												
Course Objectives	Students are expected to treat patients having pulpal, periapical and traumatic diseases												
Course Learning Outcomes	<ol style="list-style-type: none"> 1. Knows the steps of clinical preparation and related activities 2. Knows and applies the diagnosis methods 3. Knows and applies the dental radiology 4. Knows the types and the reasons of the endodontic pain 5. Knows the interaction between the systemic diseases and the endodontic applications 6. Knows and applies the dental anesthesiology methods 7. Knows and applies the single and multi tooth isolation 8. Knows and applies the access cavity preparation 9. Knows and applies the root canal preparation techniques 10. Knows and applies the irrigation and medication techniques 11. Knows and applies the root canal obturation 12. Knows and applies the types of restoration after the endodontic treatment 13. Knows and applies the dental traumatology 14. Knows and applies the perio-endo problems 15. Knows the bleaching techniques and applies the intracoronal bleaching 16. Gains knowledge and experience about the patient communications 												
Instruction Methods	Face to face												
Weekly Schedule	<p>4 weeks/ year Clinical Applications 40 root canal treatment should be achieved</p> <p>% 100 completed clinical practice education (40-44 root canal treatment :60 point, 45-49 root canal treatment: 70 point, 50-54 root canal treatment :80 point, 55-59 root canal treatment :90 point, 60 and more root canal treatment:100 point)</p>												
Teaching and Learning Methods <i>(These are examples. Please fill which activities you use in the course)</i>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Weekly applied course hours</td> <td style="text-align: right;">20 hrs/4 week</td> </tr> <tr> <td>Reading Activities</td> <td style="text-align: right;">2 hrs/ 2 week</td> </tr> <tr> <td>Internet browsing, library work</td> <td style="text-align: right;">1 hr/ 4 week</td> </tr> <tr> <td>Preparing a Presentation</td> <td style="text-align: right;">5 hrs/ 1 week</td> </tr> <tr> <td>Presentations</td> <td style="text-align: right;">3 hrs/ 1 week</td> </tr> <tr> <td>Final Exam and Preparation for Final Exam</td> <td style="text-align: right;">4 hrs/ 1 week</td> </tr> </table>	Weekly applied course hours	20 hrs/4 week	Reading Activities	2 hrs/ 2 week	Internet browsing, library work	1 hr/ 4 week	Preparing a Presentation	5 hrs/ 1 week	Presentations	3 hrs/ 1 week	Final Exam and Preparation for Final Exam	4 hrs/ 1 week
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Assessment Criteria		Numbers	Total Weighting (%)				
	Midterm Exams						
	Assignment						
	Application						
	Projects						
	Practice (Practical application % 100 completed clinical practice education; 40-44 root canal treatment :60 point, 45-49 root canal treatment: 70 point, 50-54 root canal treatment :80 point, 55-59 root canal treatment :90 point, 60 and more root canal treatment:100 point)	1	60				
	Quiz						
	Final Exam	1	40				
	Total	2	100				
Workload		Activity	Total Number of Weeks	Duration (weekly hour)	Total Period Work Load		
		Weekly Theoretical Course Hours					
		Weekly Application Hours	4	20	80		
		Reading Tasks	2	2	4		
		Internet Studies	4	1	4		
		Material Design and Implementation					
		Report Preparing					
		Preparing a Presentation	1	5	5		
		Presentations	1	3	3		
		Midterm Exam and Preperation for Midterm Exam					
		Final Exam and Preperation for Final Exam	1	4	4		
		Other (should be emphasized)					
		Total Workload			100		
		Total Workload / 25			4		
	Course Credit (ECTS)			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 findings they cause, structural and		X			

	functional disorders and how they affect the organism.					
3	Knows, grasps, correlates, 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 up-to-date 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 performs the professional practices in the national core education program of Dentistry and the Extended Education Program of Gazi University Faculty of Dentistry at the determined level.					X
7	Carries out diagnosis, treatment and follow-up processes by prioritizing evidence-based practice, critical thinking and ethical principles.	X				
8	Becomes aware of his/her limitations, set 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	Acts in accordance with the laws, regulations, legislation and ethical principles regarding their duties and responsibilities while independently practicing their profession.	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 effective written and verbal 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				

The Course's Lecturer(s) and Contact Informations

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