

<b>DERS TANIMLAMA FORMU</b>	
<b>Course Code and Name</b>	<b>DHF 5472 Dentist – Orthodontist Cooperation</b>
<b>Semester of the Course</b>	10. yarıyıl
<b>Catalog Description of the Course (Contents)</b>	With this course, the limits of orthodontic applications in general dental practice in terms of deontological and legal responsibilities and orthodontic procedures that can be performed with undergraduate education will be introduced. Theoretical knowledge will be supported by different cases and a presentation based on the relevant literature.
<b>Main Reference Book</b>	Graber L, Vanarsdall R: Orthodontics: Current principles and techniques 6th ed. Philadelphia: Mosby, 2017
<b>Supplementary Books</b>	<ol style="list-style-type: none"> <li>1. Sharan J and Mogra S: Practice management in orthodontics: the art&amp;science.. Riga: Lambert Academic Publishing, 2015.</li> <li>2. Mizrahi E (ed): Orthodontic pearls 2nd ed. London: Taylor&amp;Francis Group, 2015.,</li> <li>3. Gill DS, Naini FB: Orthodontics: Principles and Practice. New Jersey: Wiley-Blackwell, 2011.</li> <li>4. Miles PG, Rinchuse DJ, Rinchuse DJ (ed). Evidence-based clinical orthodontics. Hanover Park, IL: Quintessence Publishing Co Inc., 2012.</li> <li>5. Proffit WR, Fields HW, Larson B, Sarver DM. Contemporary Orthodontics (6th ed). Philadelphia, PA: Elsevier, 2019.</li> </ol>
<b>Course Credit (AKTS)</b>	3
<b>Prerequisites of the Course (Course attendance requirements should be specified in this section)</b>	DHF 470 Ortodonti dersinde başarılı olmak Derse devam zorunludur.
<b>Course Type</b>	Mesleki elective course
<b>Language of Instruction of the Course</b>	Turkish
<b>Objectives and Goals of the Course</b>	The aim of this course is to enable students to learn the differences of general orthodontic education and orthodontics residency training in dentistry, to evaluate the advantages of specialty education, to emphasize the importance of cooperation between dentists and orthodontists during orthodontic treatments, to define the needs of orthodontic patients and to learn the differences between the treatments that can be done by general practitioners and specialists. In addition, it is aimed to increase the students' level of knowledge about the right time to refer the patient to the orthodontist, the ethical values related to orthodontic approaches, medical errors and consequences related to orthodontic treatments.
<b>Learning Outcomes of the Course</b>	The student, <ol style="list-style-type: none"> <li>1. Understands the limits of orthodontic education given within the undergraduate dental education.</li> <li>2. Recognizes the orthodontic applications that dentists can also do.</li> <li>3. Recognizes the orthodontic applications that can be provided by specialists.</li> <li>4. Has the knowledge about the consequences of wrong orthodontic treatment protocols and develops a critical perspective.</li> <li>5. Has information about the role of dentists during orthodontic treatment.</li> <li>6. Distinguishes which dental problems and when should be referred to the orthodontist.</li> <li>7. Has knowledge about the malpractices and possible consequences related to orthodontic treatments.</li> </ol>
<b>Format of the Giving Course</b>	Theoretically applied face to face
<b>Weekly Distribution of the Course</b>	<p>1<sup>st</sup> Week: Evaluation of the differences between undergraduate orthodontics training and orthodontics residency training</p> <p>2<sup>nd</sup> Week: Overview of orthodontic treatment process, normal growth and development, and distinctive findings of orthodontic problems</p> <p>3<sup>rd</sup> Week: Risk management and assessment of patient needs for patients receiving</p>

	<p>orthodontic treatment</p> <p>4<sup>th</sup> Week: Differential diagnosis of dental anterior cross bite and skeletal Class 3 and examples of orthodontic applications that dentists can do</p> <p>5<sup>th</sup> Week: Differential diagnosis of skeletal and dental transversal discrepancies and examples of orthodontic applications that dentists can do</p> <p>6<sup>th</sup> Week: The importance of habits in anterior open-bite formation and examples of preventive dental-orthodontic applications</p> <p>7<sup>th</sup> Week: Considerations before and during the orthodontic treatment-Endodontic perspective</p> <p>8<sup>th</sup> Week: Considerations before referring to orthodontic treatment and during treatment-Prosthetic perspective</p> <p>9<sup>th</sup> Week: Considerations before referring to orthodontic treatment and during treatment-Periodontal perspective</p> <p>10<sup>th</sup> Week: Complications during orthodontic treatments</p> <p>11<sup>th</sup> Week: The role of dentists in orthodontic emergencies</p> <p>12<sup>th</sup> Week: General information about the malpractices associated with orthodontic treatments</p> <p>13<sup>th</sup> Week: Case discussion</p> <p>14<sup>th</sup> Week: Case discussion</p>																																																										
<p><b>Teaching Activities</b> (The time spent for the activities mentioned here will determine the credit. It needs to be filled carefully.)</p>	<p>Theoretical course hours per week : 14 week 3 hour  Weekly practical lessons : 0  Reading Activities: 3 hour 2 week  Internet browsing, library study: 3 hour 3 week  Material design, application: 0  Preparing presentation: 4 hour  Presentation: 1 hour  Midterm and midterm exam preparation : 4 hour  Final exam and preparation for the final exam : 5 hour</p>																																																										
<p><b>Evaluation Criteria of the Course</b></p>	<table border="1"> <thead> <tr> <th></th> <th>Numbers</th> <th>Total Contribution (%)</th> <th colspan="3"></th> </tr> </thead> <tbody> <tr> <td>Midterm</td> <td>1</td> <td>50</td> <td colspan="3"></td> </tr> <tr> <td>Homework</td> <td></td> <td></td> <td colspan="3"></td> </tr> <tr> <td>Practice</td> <td></td> <td></td> <td colspan="3"></td> </tr> <tr> <td>Projects</td> <td></td> <td></td> <td colspan="3"></td> </tr> <tr> <td>Practical</td> <td></td> <td></td> <td colspan="3"></td> </tr> <tr> <td>Quiz</td> <td></td> <td></td> <td colspan="3"></td> </tr> <tr> <td>Semester final exam (%)</td> <td>1</td> <td>50</td> <td colspan="3"></td> </tr> <tr> <td>Total</td> <td>2</td> <td>100</td> <td colspan="3"></td> </tr> </tbody> </table>						Numbers	Total Contribution (%)				Midterm	1	50				Homework						Practice						Projects						Practical						Quiz						Semester final exam (%)	1	50				Total	2	100			
	Numbers	Total Contribution (%)																																																									
Midterm	1	50																																																									
Homework																																																											
Practice																																																											
Projects																																																											
Practical																																																											
Quiz																																																											
Semester final exam (%)	1	50																																																									
Total	2	100																																																									
<p><b>Course Workload</b></p>	<table border="1"> <thead> <tr> <th></th> <th>Activities</th> <th>Total Number of Weeks</th> <th>Duration (Weekly Hours)</th> <th>Total Workload at the End of the Term</th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td>Theoretical lesson per week</td> <td>14</td> <td>3</td> <td>42</td> <td></td> </tr> <tr> <td></td> <td>Practical lessons per week</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Reading Activities</td> <td>3</td> <td>2</td> <td>6</td> <td></td> </tr> <tr> <td></td> <td>Internet browsing, library study</td> <td>3</td> <td>3</td> <td>9</td> <td></td> </tr> <tr> <td></td> <td>Material design, application</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Activities	Total Number of Weeks	Duration (Weekly Hours)	Total Workload at the End of the Term			Theoretical lesson per week	14	3	42			Practical lessons per week						Reading Activities	3	2	6			Internet browsing, library study	3	3	9			Material design, application																						
	Activities	Total Number of Weeks	Duration (Weekly Hours)	Total Workload at the End of the Term																																																							
	Theoretical lesson per week	14	3	42																																																							
	Practical lessons per week																																																										
	Reading Activities	3	2	6																																																							
	Internet browsing, library study	3	3	9																																																							
	Material design, application																																																										

	Report preparing	1	5								
	Preparing presentation	1	5	5							
	Presentation										
	Midterm and preparation for the midterm exam	1	4	4							
	Final exam and preparation for the final exam	1	5	5							
	Others										
	Total workload			71							
	Total workload/ 25			2.84							
	Course Credit (AKTS)			3							
<b>Contribution Level Between Course Outcomes and Program Outcomes</b>	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 functional disorders and how they affect the organism.						X			
	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 Gazi University Faculty of Dentistry Extended Education Program.							X		
	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		
<b>Instructors to Give the Course and Contact Information</b>		1. Doç. Dr. Nehir CANIGÜR BAVBEK ncanigur@yahoo.com					