

COURSE DESCRIPTION FORM		Ek-4
Course Code and Name	DHF-410 Restorative Dental Treatment	
Course Semester	Annual – 4th class	
Catalogue Data of the Course ( <i>Course Content</i> )	At the lecture the goal and the approaches of restorative dentistry, conservative dentistry, operative dentistry, caries removal and restoration techniques, materials used in restorative dentistry are teaching as theoretical and practical.	
Course Textbooks	Sturdevant's Art and Science of Operative Dentistry, Theodore M. Roberson, Harald O. Hayman, Edward J. Swift. Mosby Inc, 2006	
Supplementary Textbooks	Textbook of Operative Dentistry, Baum L., Phillips RW., Lund MR., WB Saunders Company, 1995.	
Credit (ECTS)	6	
Prerequisites for the Course ( <i>Attendance Requirements</i> )	<p>Attendance is compulsory in conditions where retaken the failed courses. The practical applications of the course are the threshold for taking the final exam. Students who cannot successfully complete their practical applications cannot take the final exam.</p> <p>The final exam of the course consists of two stages. In order to create a success grade, the student must enter both stages.</p> <p><b>Course Prerequisites:</b> The courses mentioned below must be successfully completed.</p> <p>DHF310 Restorative Dentistry DHF 330 Oral Diagnosis and Radiology DHF3130 Dental Anesthesia</p>	
Course Type	Compulsory Vocational/Technical Lesson	
Language of Instruction	Turkish	
Course Objectives	The goals of restorative dentistry, caries excavation and restoration of caries free hard tissue loss and their restoration are the aims of the subject.	
Course Learning Outcomes	<ol style="list-style-type: none"> <li>1. Counts, defines and applies alternative caries removal methods in the clinical environment.</li> <li>2. Defines the causes of tooth discoloration. Counts and defines treatment methods and possible complications.</li> <li>3. Count and define different caries classification methods.</li> <li>4. Defines and lists the indications and applications of restoration renewal and applies them in the clinical environment.</li> <li>5. Defines and lists the restoration repair indications and application steps, and applies them in the clinical environment.</li> <li>6. Defines restorative approaches in geriatric patients, lists and defines prophylaxis methods, and applies them in the clinical environment.</li> <li>7. Counts and defines indirect restorations and application steps.</li> <li>8. Defines halitosis, lists and defines its causes, detection methods, and explains its treatment.</li> </ol>	

	<ol style="list-style-type: none"> <li>9. Defines and classifies adhesive systems, counts the process steps, selects the adhesive system appropriate to the case and applies it in the clinical environment.</li> <li>10. Lists the restoration options (inlay-onlay-endocron-postcore), application steps, indications and contraindications of teeth that have undergone endodontic treatment and have high material loss.</li> <li>11. Defines aesthetic restorative materials and smile design principles.</li> <li>12. Define and perform treatments of traumatized teeth that do not involve pulp tissue.</li> </ol>
<b>Instruction Method</b> <i>(Face-to-face, Distance education etc.)</i>	Face to face
<b>Weekly Schedule of the Course</b>	<ol style="list-style-type: none"> <li>1. Week: Current approaches in cavity preparation</li> <li>2. Week: Discoloration of teeth,</li> <li>3. Week: Treatment modalities of vital bleaching</li> <li>4. Week: Causes of teeth discoloration, treatment modalities, devital bleaching</li> <li>5. Week: Aesthetics and smile design</li> <li>6. Week: Restoration of travmatized teeth</li> <li>7. Week: Restoration of travmatized teeth fiber reinforced restorations</li> <li>8. Week: Restoration of travmatized teeth fiber reinforced restorations</li> <li>9. Week: New approaches to dental caries clasification</li> <li>10. Week: Renewal of restorations</li> <li>11. Week: Repair of restorations</li> <li>12. Week: Repair of restorations</li> <li>13. Week: Treatment approach in geriatric patients</li> <li>14. Week: Treatment approach in geriatric patients, prophylactisy and treatment modalities</li> <li>15. Week: Evidence-based assessment to cavity preparation and material selection</li> <li>16. Week: Occlusion in restorative treatment</li> <li>17. Week: Indirect restorations</li> <li>18. Week: Indirect restorations</li> <li>19. Week: Indirect restorations</li> <li>20. Week: Indirect restorations</li> <li>21. Week: The current composite restorative materials at restorative practices</li> <li>22. Week: The current adhesive materials at restorative practices</li> <li>23. Week: Esthetic restorative treatments</li> <li>24. Week: Esthetic restorative treatments</li> <li>25. Week: Halitosis</li> <li>26. Week: Education and comminication with patients in restorative dentistry</li> <li>27. Week: Education and comminication with patients in restorative dentistry</li> <li>28. Week: Dental Anxiety</li> </ol> <p><b><u>Mandatory clinical / practical applications (5 weeks/ year total)</u></b>  2 desensitization, 5 amalgam restorations (one must be multifaced, 5 vital pulp treatments, 15 aesthetic restorations, 1 patient presentation, 1 caries prevention training program presentation</p>

<b>Teaching Activities</b> <i>(The time spent for the activities listed here will determine the amount of credit required)</i>	Weekly theoretical course hours 1 hour/ 28 weeks Weekly practical course hours: 20 hours/ 5 weeks Reading activities Internet search and library work Designing and implementing materials Making a report Preparing and making presentations Midterm and revision for midterm 1 hour Final exam and revision for final exam 1 hour		
<b>Assesment Criteria</b>		<b>Number</b>	<b>Contribution (%)</b>
	Midterm	2	42
	Homework		
	Application		
	Projects		
	Practice Dam completion 90% The student who completes the clinical practice threshold and score mentioned above is entitled to 60 points. A student with a score between 255-280 gets 70, a student with a score between 281-300 gets 80, a student with a score between 301 and 325 gets 90, and a student with a score of 326 and above gets 100) Clinical setting 10%  <b>Situations that will cause the intern to be deducted from the Dam Score:</b> • Not processing computer printouts and protocol book on the day:100 Points Not using sterile instruments and not following the sterilization order:50 Points • Working with missing tools and irregularity of the unit:50 Points • Not being sensitive about patient appointments:50 Points • Working without a patient gown, mask and gloves:10 Points • Uneven, unconscious and excessive use of materials:50 Points • Working in unsuitable attire in the clinic:50 Points • Not using a rubber cover even though there is no obstacle to its installation:10 Points • Not paying attention to the maintenance and cleaning of the unit they work in:50 Points • Failure to pay attention to the cleanliness and timely delivery of personal equipment cabinets:50 Points	1	18
	Quiz		
	Semester final exam	1	40
	Total	4	%100

Workload of the Course	Activity	Total Number of Weeks	Duration (Weekly hour)	Total Period Work Load
	Weekly Theoretical Course Hours	28	1	28
	Weekly Practical Lesson Hours	5	20	100
	Reading Activities			
	Web Browsing, Library Work			
	Material Design, Application			
	Report Preparing			
	Presentation Preparation and Presentation			
	Midterm Exam and Preparation for the Midterm Exam.	14	1	14
	Final Exam and Preparation for the Final Exam	14	1	14
	Other			
	Total workload			156
	Total workload/ 25			6,24
	ECTS Credits of the Course			6

Contribution Level between Course Outcomes and Program Outcomes	No	Program Learning Outcomes					1	2	3	4	5
	1	The normal structure and functions of the human body and specifically the structures of the mouth and the teeth on the basis of cells, tissues, organs and systems, know the interactions.									X
	2	Causes and formation of oral, dental and jaw diseases mechanisms, the findings caused by the structure and dysfunction and organism affect.									X
	3	In the national core training program of dentistry and Gazi University Faculty of Dentistry Signs and symptoms in the Extended Education Program findings, diseases and conditions and occupational know the applications at a specified level, understand, associates and evaluates									X
	4	In line with personal learning needs to reach the best scientific evidence available, knows to evaluate reliability and validity.									X
	5	Legislation on professional legal responsibilities, know deontology and ethical principles.							X		
	6	In the national core training program of dentistry and Gazi University Faculty of Dentistry Professional in the Extended Education Program know and do applications at a specified level.									X
	7	Conducts diagnosis, treatment and follow-up processes by prioritizing evidence-based practice, critical thinking and ethical principles.									X
	8	Is aware of the limitations, professional development puts personal learning goals in a way to support to the appropriate center if necessary directs									X

	9	Diseases of the mouth, teeth and jaws in society knows the incidence, prevention and reduction contributes.						X
	10	Independently practicing on its own duties and responsibilities related to the law, regulation, acts in accordance with the legislation and ethical principles.					X	
	11	Has teamwork and leadership skills, become role models to colleagues and society						X
	12	Plans personal professional development, lifelong performs with the principle of learning					X	
	13	Patients, patient relatives, other health personnel, community, effective written and oral communication with relevant sectors and media communicates.					X	
	14	Foreign language and information communication technologies monitors innovations in the profession.				X		
<b>Lecturer(s) and Contact Information</b>		<ol style="list-style-type: none"><li>1. Prof. Oya Bala oyabala@gazi.edu.tr</li><li>2. Prof. Mine Betül Utaşı uctasli@gazi.edu.tr</li><li>3. Prof. Hacer Deniz Arısu hacer@gazi.edu.tr</li><li>4. Prof. Dr. Suat Özcan suatozcan@gazi.edu.tr</li><li>5. Assoc. Prof. Sinem Akgöl sinemakgul@gazi.edu.tr</li><li>6. Assoc. Prof. Hanife Altınışıık hanifekamak@gazi.edu.tr</li><li>7. Assoc. Prof. Cemile Kedici Alp cemilealp@gazi.edu.tr</li><li>8. Lecturer Melike Aydos ekiz ayd_mlk@hotmail.com</li></ol>						