

<b>Course Description Form</b>	
<b>Course Code and Name</b>	DHF 460 Pediatric Dentistry
<b>Course Semester</b>	7-8
<b>Catalogue Data of the Course (Course Content)</b>	Behavior orientation techniques in children, diagnosis and treatment planning of oral dental diseases, radiographic techniques and radiography reading, occlusion relations and its protection in children, primary tooth infections and treatments in children, local anesthesia, sedation and general anesthesia in children, dental trauma, dentistry services in children with disabilities, Includes issues related to infection, periodontal and systemic diseases.
<b>Course Textbooks</b>	1- Pediatric Dentistry: Infancy through adolescence; 5E, 5th edition. Editors: Casamassimo PS, McTigue DJ, Fields HW, Nowak AJ, 2013. 2-Alaçam T: Endodontics. Ankara, 2012 3. Traumatic dental injuries: Adreasen JO, Bakland LK, Flores MT, Andreassen FM, Andersson L. Translation: Ece Eden, Istanbul 2014.
<b>Supplementary Textbooks</b>	McDonald and Avery's Dentistry for the Child and Adolescent. Tenth Ed. Editörs: Dean, JA, Jones JE, Winson LA. 2016.
<b>Credit (ECTS)</b>	6
<b>Prerequisites of the Course (Attendance Requirements)</b>	1. It is compulsory to attend the course. 2. Must pass DHF 360 (Pediatric Dentistry), DHF320 (Endodontics), DHF310 (Restorative Dentistry) courses successfully. 3. Completion of mandatory clinical practices.
<b>Course Type</b>	Vocational / Technical Compulsory Course
<b>Language of Instruction</b>	Turkish
<b>Course Objectives</b>	To be able to diagnose situations that deviate from the normal with normal tooth development in the child, to make the necessary treatments and referrals, to gain the ability of the procedures they can do in dental infections, disabled children, trauma and systemic diseases.
<b>Course Learning Outcomes</b>	1-2.Learns behavioral orientation techniques for the child patient who comes to the clinic. 2-3.You can take anamnesis, make extraoral and intraoral examinations and evaluate the treatment of the pediatric patient. 3. Learn radiography techniques in pediatric patients, learn to evaluate radiographs taken from children. 4. The child learns to wear a rubber-dam on the patient. 5. Have knowledge about the anatomy, problems and treatment of TEM in children. 6. Learns neglect and abuse situations in children. Knows the behaviors that can damage the oral tooth structure. 7. Learns the properties of healthy milk and permanent dentition, making a placeholder in loss of space. 8. Learns orofacial dysfunctions in children, understands the problems that may arise when decayed milk teeth are not treated. 9. Learns in which case the pediatric dentist will use antibiotics. 10. Learns deciduous tooth extraction indications, extraction techniques and possible complications in children. 11. Learns local anesthesia techniques and new developments in children. 12. Have information about sedation and general anesthesia in children 13-14. Learns emergency treatment and specialist guidance in dental trauma in children. 15. Have knowledge about the promotion of root development in permanent teeth whose root tip is not closed. 16-17. Have information about dentistry services for children with

	<p>disabilities</p> <p>18. Learns the oral symptoms of infectious diseases that are common in children.</p> <p>19-20-21-22. Learns common systemic diseases in children and what measures to take as a doctor.</p> <p>23. Learns emergency treatment in situations that can be encountered during dental treatment in children.</p> <p>24. Learns what the dentist should do in children receiving chemotherapy.</p> <p>25-26. Learns to diagnose periodontal diseases in children and what to recommend.</p> <p>27-28. Gains knowledge of congenital and genetic diseases affecting children.</p>																
<b>Instruction Methods</b>	Face of face																
<b>Weekly Schedule of the Course</b>	<ol style="list-style-type: none"> <li>1. Week Behavior orientation techniques in children Examination, diagnosis and treatment planning in children</li> <li>2. Week Examination, diagnosis and treatment planning in children Application of the radiological algorithm in children</li> <li>3. Week Radiographic evaluation of the child</li> <li>4. Week Use of rubber-dam in children Bad breath in children</li> <li>5. Week Temporomandibular joint disorders in children and adolescents Laser applications in pediatric dentistry</li> <li>6. Week Child neglect and abuse Harmful habits in children</li> <li>7. Week Closure relations and occlusion protection in children the importance of</li> <li>8. Week Orofacial dysfunctions in children and their consequences Abscess distribution and gangrene in children</li> <li>9. Week Rational drug use in pediatric dentistry</li> <li>10. Week Shooting indications, shooting and risk factors in children</li> <li>11. Week Intraoral local anesthesia applications in children</li> <li>12. Week Sedation and general anesthesia in children</li> <li>13. Week Dental traumas in children</li> <li>14. Week Dental traumas in children</li> <li>15. Week Promoting root development in young permanent teeth</li> <li>16. Week Dentistry services for disabled children</li> <li>17. Week Dentistry services for disabled children</li> <li>18. Week Infectious diseases in children, general symptoms and oral symptoms</li> <li>19. Week Common systemic diseases and dental treatment in children</li> <li>20. Week Common systemic diseases and dental treatment in children</li> <li>21. Week Common systemic diseases and dental treatment in children</li> <li>22. Week Common systemic diseases and dental treatment in children</li> <li>23. Week Medical emergencies in pediatric dentistry</li> <li>24. Week Dentist approach in pediatric patients receiving chemotherapy</li> <li>25. Week Periodontal and soft tissue problems in children</li> <li>26. Week Periodontal and soft tissue problems in children</li> <li>27. Week Congenital and genetic diseases affecting children</li> <li>28. Week Congenital and genetic diseases affecting children</li> </ol> <p><b><u>Mandatory clinical practices</u></b></p> <table border="0" style="width: 100%;"> <tr> <td>Fixed /Movable placeholder /child prosthesis</td> <td style="text-align: right;">1 piece</td> </tr> <tr> <td>Primary / Permanent tooth canal treatment</td> <td style="text-align: right;">1 piece</td> </tr> <tr> <td>Primary tooth amputation</td> <td style="text-align: right;">1 piece</td> </tr> <tr> <td>Stainless steel crown</td> <td style="text-align: right;">1 piece</td> </tr> <tr> <td>Glass ionomer restoration</td> <td style="text-align: right;">1 piece</td> </tr> <tr> <td>Amalgam restoration</td> <td style="text-align: right;">1 piece</td> </tr> <tr> <td>Compomer</td> <td style="text-align: right;">1 piece</td> </tr> <tr> <td>Composite restoration</td> <td style="text-align: right;">1 piece</td> </tr> </table>	Fixed /Movable placeholder /child prosthesis	1 piece	Primary / Permanent tooth canal treatment	1 piece	Primary tooth amputation	1 piece	Stainless steel crown	1 piece	Glass ionomer restoration	1 piece	Amalgam restoration	1 piece	Compomer	1 piece	Composite restoration	1 piece
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	Fluorid application Fissure sealant Oral hygiene training Prescribing in a child patient	5 pieces 5 pieces 4 pieces 2 pieces	
<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: 2 hrs/14 weeks) + (1 h / 14 weeks) Weekly practical lesson hours: 20 hours-5 weeks Internet browsing, library work: 2 hours, 4 weeks Preparation of Midterm and Midterm Exam: 1 hour /2 weeks Final Exam and Preparation for Final Exam: 1 hour/1 week		
<b>Assessment Criteria</b>		<b>Numbers</b>	<b>Total Weighting (%)</b>
	Midterm Exams	2	60
	Assignment		
	Application		
	Projects		
	Practice		
	Quiz		
	Final Exam 1. Theoretical Exam %50 2. Indication and Radiology Exam %50	1	40
Total	3	100	

	Activity	Total Number of Weeks	Duration (weekly hour)	Total Period Work Load
Weekly practical lesson hours	5	20	100	
Reading Tasks				
Web browsing, library work	4	2	8	
Material Design and Implementation				
Report Preparing				
Preparing a Presentation				
Presentations				
Midterm Exam and Preperation for Midterm Exam	2	1	2	
Final Exam and Preperation for Final Exam	1	1	1	
Other (should be emphasized)				
Total Workload			153	
Total Workload / 25			6,12	
Course Credit (ECTS)			6	

No	Program Outcomes					
		1	2	3	4	5
1	PO1			x		
2	PO2					x
3	PO3					x

	4	PO4			x			
	5	PO5			x			
	6	PO6					x	
	7	PO7			x			
	8	PO8			x			
	9	PO9					x	
	10	PO10					x	
	11	PO11					x	
	12	PO12			x			
	13	PO13					x	
	14	PO14			x			
	<b>Lecturer(s) and Contact Informations</b>	Prof.Dr. Alev ALAÇAM, Prof.Dr. Neşe AKAL, Prof.Dr. Nurhan ÖZTAŞ KIRMIZI, Prof.Dr. Ayşegül ÖLMEZ, Prof.Dr. Haluk BODUR, Prof. Dr. Mesut ODABAŞ, Prof.Dr.Çağdaş ÇINAR, Prof..Dr. Didem ATABEK, Doç.Dr.Mehmet BANİ Dr. Öğr.Gör. Nagehan AKTAŞ						